



UM Surabaya

**TUGAS AKHIR
KODE MK : 11033532**

JUDUL :

**RANCANG BANGUN APLIKASI ABSENSI
DINAS LUAR PADA DINAS KOMUNIKASI
DAN INFORMATIKA PROVINSI JAWA
TIMUR BERBASIS WEB
MENGGUNAKAN
FRAMEWORK
Yii 1.1.16**

**Disusun Oleh :
Ayu Zulfatus Tsania
NIM : 20120335027**

**PROGRAM STUDI D3 TEKNIK KOMPUTER
FAKULTAS TEKNIK
UNIVERSITAS MUHAMMADIYAH SURABAYA
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UNIVERSITAS MUHAMMADIYAH SURABAYA
2015**

v

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Menyatakan dengan sebenar-benarnya bahwa Tugas Akhir yang saya tulis ini benar benar merupakan hasil karya saya sendiri, bukan merupakan pengambilalihan tulisan atau pemikiran orang lain yang saya akui sebagai hasil karya tulisan atau pemikiran saya sendiri.

Jika pada kemudian hari terbukti atau dapat dibuktikan bahwa Tugas akhir ini hasil jiplakan maka saya bersedia menerima sanksi atas perbuatan tersebut sesuai peraturan yang berlaku.

Surabaya, 24 Agustus 2015

Yang membuat pernyataan

Ayu Zulfatus Tsania

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RANCANG BANGUN APLIKASI ABSENSI DINAS LUAR PADA DINAS KOMUNIKASI DAN INFORMATIKA PROVINSI JAWA TIMUR BERBASIS WEB MENGGUNAKAN FRAMEWORK Yii 1.1.16

Disusun Oleh:
Ayu Zulfatus Tsania
NIM: 20120335027

Tugas akhir ini diajukan untuk memenuhi persyaratan
mendapatkan gelar Ahli Madya (A.Md)
Program Studi D3 Teknik Komputer Fakultas Teknik
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RANCANG BANGUN APLIKASI ABSENSI DINAS LUAR PADA DINAS KOMUNIKASI DAN INFORMATIKA PROVINSI JAWA TIMUR BERBASIS WEB MENGGUNAKAN FRAMEWORK Yii 1.1.16

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Puji dan syukur Alhamdulillah kepada Allah SWT. Atas segala berkat dan pertolonganNya sehingga penulis dapat menyelesaikan Tugas Akhir ini yang berjudul.

RANCANG BANGUN APLIKASI ABSENSI DINAS LUAR PADA DINAS KOMUNIKASI DAN INFORMATIKA PROVINSI JAWA TIMUR BERBASIS WEB MENGGUNAKAN FRAMEWORK Yii 1.1.16

Dalam menyelesaikan Tugas Akhir ini, penulis berpegang pada teori-teori yang pernah diperoleh dalam perkuliahan serta bimbingan dari para dosen pembimbing Tugas Akhir ini. Selain teori-teori dan bimbingan dari para dosen pembimbing, Tugas Akhir ini pun dapat selesai berkat bantuan dari banyak pihak. Tugas Akhir ini digunakan sebagai salah satu syarat akademis untuk memperoleh gelar Ahli Madya (A.Md.) di Universitas Muhammadiyah Surabaya.

Penulis menyadari masih terdapat banyak kekurangan dalam perancangan dan pembuatan buku Tugas Akhir ini. Oleh karena itu, penulis sangat berharap saran dan kritik yang membangun dari para pembaca untuk perbaikan. Besar harapan penulis agar buku ini dapat bermanfaat dan berguna bagi para dosen dan mahasiswa Universitas

Muhammadiyah Surabaya serta bagi siapa pun yang membacanya.

Surabaya, April 2015

Penulis

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DAFTAR LAMPIRAN

Kode Program

```
> Database Satker (mysimpeg.sql)
-- phpMyAdmin SQL Dump
-- version 4.3.11
-- http://www.phpmyadmin.net
--
-- Host: 127.0.0.1
-- Generation Time: Nov 30, 2015 at 12:27 AM
-- Server version: 5.6.24
-- PHP Version: 5.6.8
```

```
SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
SET time_zone = "+00:00";
```

```
/*!40101 SET
@OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_
CLIENT */;
/*!40101 SET
@OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET
_RESULTS */;
/*!40101 SET
@OLD_COLLATION_CONNECTION=@@COLLATION_CON
NECTION */;
/*!40101 SET NAMES utf8 */;
```

```
--  
-- Database: `mysimpeg`  
--  
-----  
--  
-- Table structure for table `agama`  
--  
  
CREATE TABLE IF NOT EXISTS `agama`(  
    `AgamaID` varchar(2) NOT NULL,  
    `Agama` varchar(50) DEFAULT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8  
AVG_ROW_LENGTH=2730;  
  
--  
-- Dumping data for table `agama`  
--  
  
INSERT INTO `agama`(`AgamaID`, `Agama`) VALUES  
('01', 'Islam'),  
('02', 'Protestan'),  
('03', 'Katolik'),  
('04', 'Hindu'),  
('05', 'Budha'),
```

```
('06', 'Kong Hu Cu');
```

```
--  
-- Table structure for table `dinasluar`  
--
```

```
CREATE TABLE IF NOT EXISTS `dinasluar`(  
  `NIP` varchar(12) NOT NULL,  
  `Nama` varchar(100) NOT NULL,  
  `Eselon` varchar(3) NOT NULL,  
  `SatkerID` varchar(10) NOT NULL,  
  `Satker` varchar(100) NOT NULL,  
  `Tanggal` date NOT NULL,  
  `id_tanggal` int(6) NOT NULL,  
  `KotaTujuan` varchar(64) NOT NULL,  
  `Hari` int(2) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--  
-- Dumping data for table `dinasluar`  
--
```

```
INSERT INTO `dinasluar`(`NIP`, `Nama`, `Eselon`, `SatkerID`,  
  `Satker`, `Tanggal`, `id_tanggal`, `KotaTujuan`, `Hari`) VALUES  
('20120335027', 'AYU', '1', 'SATKER', 'SATKER', '2015-08-21',
```

150821, 'PROBOLINGGO', 2),
('23500070', 'Drs. SUDJONO. M.M', '21', '7', 'DINAS
KOMUNIKASI DAN INFORMATIKA', '2015-08-17', 150817,
'Probolinggo', 2),
('235000700014', 'Dra. LIES IDAWATI, M.M', '1', '0701',
'SEKRETARIAT', '2015-08-30', 150830, 'TRENGGALEK', 3),
('235000700044', 'EKO ROEDHY LOEGMANTO. S', '1', '41',
'07012', '2015-08-29', 150829, 'GRESIK', 3),
('235000700054', 'KOMBONG PASULU S.H', '2', '070101', 'SUB
BAGIAN TATA ', '2014-08-01', 140801, 'LAMONGAN', 1);

--
-- Table structure for table `eselonsatker`
--

CREATE TABLE IF NOT EXISTS `eselonsatker`(
 `Eselon` varchar(3) NOT NULL,
 `kdeselon` varchar(3) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--
-- Dumping data for table `eselonsatker`
--

INSERT INTO `eselonsatker`(`Eselon`, `kdeselon`) VALUES

```
('1', 'I'),  
('2', 'II'),  
('3', 'III'),  
('4', 'IV');  
  
-----  
  
--  
-- Table structure for table `goldarah`  
--  
  
CREATE TABLE IF NOT EXISTS `goldarah`(  
  `id_gol` int(2) NOT NULL,  
  `namagol` varchar(2) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
  
-----  
-- Dumping data for table `goldarah`  
--  
  
INSERT INTO `goldarah`(`id_gol`, `namagol`) VALUES  
(1, 'A'),  
(2, 'B'),  
(3, 'AB'),  
(4, 'O');  
  
-----
```

```
--  
-- Table structure for table `harilibur`  
--  
  
CREATE TABLE IF NOT EXISTS `harilibur`(  
    `id_tanggal` int(6) NOT NULL,  
    `Tanggal` date NOT NULL,  
    `NamaHariLibur` varchar(100) NOT NULL,  
    `JenisHariLibur` varchar(64) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
  
--  
-- Dumping data for table `harilibur`  
--  
  
INSERT INTO `harilibur`(`id_tanggal`, `Tanggal`,  
    `NamaHariLibur`, `JenisHariLibur`) VALUES  
    (150817, '2015-08-17', 'Hari kemerdekaan RI', '1'),  
    (150823, '2015-08-23', 'Minggu', '2'),  
    (150830, '2015-08-30', 'Minggu', '2');  
  
-----  
  
--  
-- Table structure for table `jamlembur`  
--
```

```
CREATE TABLE IF NOT EXISTS `jamlembur`(
`Id_jam`int(2) NOT NULL,
`JamPerHari`int(2) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- 
-- Dumping data for table `jamlembur`
-- 

INSERT INTO `jamlembur`(`Id_jam`, `JamPerHari`) VALUES
(1, 1),
(2, 2),
(3, 3),
(4, 4),
(5, 5),
(6, 6),
(7, 7),
(8, 8),
(9, 9),
(10, 10);

-----



-- 
-- Table structure for table `jenisharilembur`
-- 
```

```
CREATE TABLE IF NOT EXISTS `jenisharilembur`(
    `JenisHariLembur` varchar(20) NOT NULL,
    `KodeHariLembur` varchar(20) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- 
-- Dumping data for table `jenisharilembur`
-- 

INSERT      INTO      `jenisharilembur`      (`JenisHariLembur`,
`KodeHariLembur`) VALUES
('Lembur Hari Besar', 'Lembur Hari Besar'),
('Lembur Hari Biasa', 'Lembur Hari Biasa'),
('Lembur Hari Minggu', 'Lembur Hari Minggu');

-----



-- 
-- Table structure for table `jenisharilibur`
-- 

CREATE TABLE IF NOT EXISTS `jenisharilibur`(
    `JenisHariLibur` varchar(20) NOT NULL,
    `KodeHariLibur` varchar(20) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--  
-- Dumping data for table `jenisharilibur`  
--  
  
INSERT INTO `jenisharilibur`(`JenisHariLibur`, `KodeHariLibur`)  
VALUES  
('Hari Libur Besar', 'Hari Libur Besar'),  
('Hari Libur Minggu', 'Hari Libur Minggu');  
  
-----  
  
--  
-- Table structure for table `jeniskelamin`  
--  
  
CREATE TABLE IF NOT EXISTS `jeniskelamin`(  
    `jeniskelaminID` varchar(1) NOT NULL,  
    `jeniskelamin` varchar(10) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
  
--  
-- Dumping data for table `jeniskelamin`  
--  
  
INSERT INTO `jeniskelamin`(`jeniskelaminID`, `jeniskelamin`)  
VALUES  
('1', 'Laki-laki'),
```

```
('2', 'Perempuan');

-----
-- 
-- Table structure for table `jenislembur`
-- 

CREATE TABLE IF NOT EXISTS `jenislembur`(
  `JenisLembur` varchar(6) NOT NULL,
  `KodeLembur` int(2) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- 
-- Dumping data for table `jenislembur`
-- 

INSERT INTO `jenislembur`(`JenisLembur`, `KodeLembur`)
VALUES
('Proyek', 2),
('Rutin', 1);

-----
-- 
-- Table structure for table `kabupatenkota`
-- 
```

```

CREATE TABLE IF NOT EXISTS `kabupatenkota`(
  `id` bigint(20) NOT NULL,
  `propinsi_id` bigint(20) NOT NULL,
  `name` varchar(64) NOT NULL,
  `code` varchar(8) NOT NULL,
  `tipe` varchar(32) NOT NULL,
  `latitude` decimal(38,0) NOT NULL,
  `longitude` decimal(38,0) NOT NULL,
  `timezone` varchar(38) NOT NULL,
  `dmaid` decimal(16,0) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- 
-- Dumping data for table `kabupatenkota`
-- 

INSERT INTO `kabupatenkota`(`id`, `propinsi_id`, `name`, `code`, `tipe`, `latitude`, `longitude`, `timezone`, `dmaid`) VALUES
(1, 1, 'ACEH SELATAN', '1101', 'KABUPATEN', '0', '0', "", '0'),
(2, 1, 'ACEH TENGGARA', '1102', 'KABUPATEN', '0', '0', "", '0'),
(3, 1, 'ACEH TIMUR', '1103', 'KABUPATEN', '0', '0', "", '0'),
(4, 1, 'ACEH TENGAH', '1104', 'KABUPATEN', '0', '0', "", '0'),
(5, 1, 'ACEH BARAT', '1105', 'KABUPATEN', '0', '0', "", '0'),
(6, 1, 'ACEH BESAR', '1106', 'KABUPATEN', '0', '0', "", '0'),
(7, 1, 'PIDIE', '1107', 'KABUPATEN', '0', '0', "", '0'),
(8, 1, 'ACEH UTARA', '1108', 'KABUPATEN', '0', '0', "", '0'),

```

(9, 1, 'BIREUEN', '1109', 'KABUPATEN', '0', '0', "", '0'),
(10, 1, 'ACEH SINGKIL', '1110', 'KABUPATEN', '0', '0', "", '0'),
(11, 1, 'SIMEULUE', '1111', 'KABUPATEN', '0', '0', "", '0'),
(12, 1, 'ACEH NAGAN RAYA', '1115', 'KABUPATEN', '0', '0', "", '0'),
(13, 1, 'BANDA ACEH', '1171', 'KOTA', '0', '0', "", '0'),
(14, 1, 'SABANG', '1172', 'KOTA', '0', '0', "", '0'),
(15, 1, 'LHOKSEUMAWE', '1173', 'KOTA', '0', '0', "", '0'),
(16, 1, 'LANGSA', '1174', 'KOTA', '0', '0', "", '0'),
(17, 2, 'NIAS', '1201', 'KABUPATEN', '0', '0', "", '0'),
(181, 15, 'PACITAN', '3501', 'KABUPATEN', '0', '0', "", '0'),
(182, 15, 'PONOROGO', '3502', 'KABUPATEN', '0', '0', "", '0'),
(183, 15, 'TRENGGALEK', '3503', 'KABUPATEN', '0', '0', "", '0'),
(184, 15, 'TULUNGAGUNG', '3504', 'KABUPATEN', '0', '0', "", '0'),
(185, 15, 'BLITAR', '3505', 'KABUPATEN', '0', '0', "", '0'),
(186, 15, 'KEDIRI', '3506', 'KABUPATEN', '0', '0', "", '0'),
(187, 15, 'MALANG', '3507', 'KABUPATEN', '0', '0', "", '0'),
(188, 15, 'LUMAJANG', '3508', 'KABUPATEN', '0', '0', "", '0'),
(189, 15, 'JEMBER', '3509', 'KABUPATEN', '0', '0', "", '0'),
(190, 15, 'BANYUWANGI', '3510', 'KABUPATEN', '0', '0', "", '0'),
(191, 15, 'BONDOWOSO', '3511', 'KABUPATEN', '0', '0', "", '0'),
(192, 15, 'SITUBONDO', '3512', 'KABUPATEN', '0', '0', "", '0'),
(193, 15, 'PROBOLINGGO', '3513', 'KABUPATEN', '0', '0', "", '0'),
(194, 15, 'PASURUAN', '3514', 'KABUPATEN', '0', '0', "", '0'),
(195, 15, 'SIDOARJO', '3515', 'KABUPATEN', '0', '0', "", '0'),
(196, 15, 'MOJOKERTO', '3516', 'KABUPATEN', '0', '0', "", '0'),
(197, 15, 'JOMBANG', '3517', 'KABUPATEN', '0', '0', "", '0'),

```
(198, 15, 'NGANJUK', '3518', 'KABUPATEN', '0', '0', ", '0'),  
(199, 15, 'MADIUN', '3519', 'KABUPATEN', '0', '0', ", '0'),  
(200, 15, 'MAGETAN', '3520', 'KABUPATEN', '0', '0', ", '0'),  
(201, 15, 'NGAWI', '3521', 'KABUPATEN', '0', '0', ", '0'),  
(202, 15, 'BOJONEGORO', '3522', 'KABUPATEN', '0', '0', ", '0'),  
(203, 15, 'TUBAN', '3523', 'KABUPATEN', '0', '0', ", '0'),  
(204, 15, 'LAMONGAN', '3524', 'KABUPATEN', '0', '0', ", '0'),  
(205, 15, 'GRESIK', '3525', 'KABUPATEN', '0', '0', ", '0'),  
(206, 15, 'BANGKALAN', '3526', 'KABUPATEN', '0', '0', ", '0'),  
(207, 15, 'SAMPANG', '3527', 'KABUPATEN', '0', '0', ", '0'),  
(208, 15, 'PAMEKASAN', '3528', 'KABUPATEN', '0', '0', ", '0'),  
(209, 15, 'SUMENEPE', '3529', 'KABUPATEN', '0', '0', ", '0'),  
(210, 15, 'KEDIRI', '3571', 'KOTA', '0', '0', ", '0'),  
(211, 15, 'BLITAR', '3572', 'KOTA', '0', '0', ", '0'),  
(212, 15, 'MALANG', '3573', 'KOTA', '0', '0', ", '0'),  
(213, 15, 'PROBOLINGGO', '3574', 'KOTA', '0', '0', ", '0'),  
(214, 15, 'PASURUAN', '3575', 'KOTA', '0', '0', ", '0'),
```

```
--  
-- Table structure for table `kecamatan`
```

```
--
```

```
CREATE TABLE IF NOT EXISTS `kecamatan`(  
  `id` bigint(20) NOT NULL,  
  `kota_id` bigint(20) NOT NULL,  
  `name_kecamatan` varchar(64) NOT NULL,
```

```
 `kode_kecamatan` varchar(8) NOT NULL  
 ) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
  
--  
-- Dumping data for table `kecamatan`  
--  
  
INSERT INTO `kecamatan` (`id`, `kota_id`, `name_kecamatan`,  
 `kode_kecamatan`) VALUES  
 (1825, 204, 'LAMONGAN', "),(1826, 204, 'TIKUNG', "),(1827, 204, 'SARIKEJO', "),(1828, 204, 'DEKET', "),(1829, 204, 'GLAGAH', "),(1830, 204, 'KARANGBINANGUN', "),(1831, 204, 'TURI', "),(1832, 204, 'KALITENGAH', "),(1833, 204, 'KARANG GENENG', "),(1834, 204, 'SEKARAN', "),(1835, 204, 'MADURAN', "),(1836, 204, 'LAREN', "),(1837, 204, 'SOLOKURO', "),(1838, 204, 'PACIRAN', "),(1839, 204, 'BRONDONG', "),(1840, 205, 'WRINGINANOM', "),(1841, 205, 'DRIYOREJO', "),(1842, 205, 'KEDAMEAN', ")
```

- (1843, 205, 'MENGANTI', ") ,
- (1844, 205, 'CERME', ") ,
- (1845, 205, 'BENJENG', ") ,
- (1846, 205, 'BALONGPANGGANG', ") ,
- (1847, 205, 'DUDUKSAMPEYAN', ") ,
- (1848, 205, 'KEBOMAS', ") ,
- (1849, 205, 'GRESIK', ") ,
- (1850, 205, 'MANYAR', ") ,
- (1851, 205, 'BUNGAH', ") ,
- (1852, 205, 'SIDAYU', ") ,
- (1853, 205, 'DUKUN', ") ,
- (1854, 205, 'PANCENG', ") ,
- (1855, 205, 'UJUNG PANGKAH', ") ,
- (1856, 205, 'SANGKAPURA', ") ,
- (1857, 205, 'TAMBAK', ") ,
- (1858, 206, 'KAMAL', ") ,
- (1859, 206, 'LABANG', ") ,
- (1860, 206, 'KWANYAR', ") ,
- (1861, 206, 'MODUNG', ") ,
- (1862, 206, 'BLEGA', ") ,
- (1863, 206, 'KONANG', ") ,
- (1864, 206, 'GALIS', ") ,
- (1865, 206, 'TANAH MERAH', ") ,
- (1866, 206, 'TRAGAH', ") ,
- (1867, 206, 'SOCAH', ") ,
- (1868, 206, 'BANGKALAN', ") ,
- (1869, 206, 'BURNEH', ") ,

```
(1870, 206, 'AROSBAYA', "),

(1871, 206, 'GEGER', "),

(1872, 206, 'KOKOP', "),

(1873, 206, 'TANJUNGBUMI', "),
```

```
--  
-- Table structure for table `lembur`  
--
```

```
CREATE TABLE IF NOT EXISTS `lembur`(  
    `NIP` varchar(12) NOT NULL,  
    `Nama` varchar(100) NOT NULL,  
    `Eselon` varchar(3) NOT NULL,  
    `SatkerID` varchar(10) NOT NULL,  
    `Satker` varchar(150) NOT NULL,  
    `Tanggal` date NOT NULL,  
    `id_tanggal` int(6) NOT NULL,  
    `JenisHariLembur` varchar(20) NOT NULL,  
    `JamPerHari` int(2) NOT NULL,  
    `JenisLembur` varchar(6) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--  
-- Dumping data for table `lembur`  
--
```

```
INSERT INTO `lembur` (`NIP`, `Nama`, `Eselon`, `SatkerID`,  
`Satker`, `Tanggal`, `id_tanggal`, `JenisHariLembur`, `JamPerHari`,  
`JenisLembur`) VALUES  
('20120335027', 'AYU', '1', 'SATKER', 'SATKER', '2015-08-19',  
150819, 'Lembur Hari Biasa', 1, '2'),  
('235000700014', 'Dra. LIES IDAWATI, M.M', '31', '0701',  
'SEKRETARIAT', '2015-08-22', 150822, '2', 4, '2'),  
('2350071', 'Dra. LIES IDAWATI. M.M', 'II', '8', 'SEKRETARIAT',  
'2015-08-21', 150821, '2', 3, '2');
```

```
--  
-- Table structure for table `pegawai`  
--
```

```
CREATE TABLE IF NOT EXISTS `pegawai`(  
`PegawaiID` varchar(12) NOT NULL,  
`NIP` varchar(10) NOT NULL DEFAULT "",  
`NIPBaru` varchar(18) DEFAULT NULL,  
`Nama` varchar(100) NOT NULL,  
`GelarDepan` varchar(25) DEFAULT NULL,  
`GelarBelakang` varchar(25) DEFAULT NULL,  
`TempatLahir` varchar(50) DEFAULT NULL,  
`TglLahir` datetime DEFAULT NULL,  
`JenisKelamin` varchar(10) NOT NULL DEFAULT "",  
`AgamaID` varchar(10) NOT NULL,
```

```
`StatusKawin`varchar(20) NOT NULL DEFAULT ",  
`SukuBangsa`varchar(25) DEFAULT NULL,  
`GolDarah`varchar(2) DEFAULT NULL,  
`Email`varchar(50) DEFAULT NULL,  
`PropinsiID`varchar(20) DEFAULT NULL,  
`KabupatenID`varchar(20) DEFAULT NULL,  
`KecamatanID`varchar(20) DEFAULT NULL,  
`Desa`varchar(20) DEFAULT NULL,  
`Alamat`varchar(100) DEFAULT NULL,  
`RT`varchar(2) DEFAULT NULL,  
`RW`varchar(2) DEFAULT NULL,  
`Telepon`varchar(25) DEFAULT NULL,  
`Kodepos`varchar(5) DEFAULT NULL,  
`SatkerID`varchar(10) NOT NULL,  
`TipePegawai`varchar(2) NOT NULL DEFAULT '1',  
`StatusPegawai`varchar(1) NOT NULL DEFAULT '2',  
`Kedudukan`varchar(2) NOT NULL,  
`JenisPegawai`varchar(1) NOT NULL,  
`Karpeg`varchar(25) DEFAULT NULL,  
`Askes`varchar(25) DEFAULT NULL,  
`Taspen`varchar(25) DEFAULT NULL,  
`NPWP`varchar(25) DEFAULT NULL,  
`NIK`varchar(25) DEFAULT NULL,  
`Bank`varchar(20) DEFAULT NULL,  
`NoRekening`varchar(25) DEFAULT NULL,  
`TglMati`datetime DEFAULT NULL,  
`TglPensiun`datetime DEFAULT NULL,
```

```

`TglTerusan` datetime DEFAULT NULL,
`TglUpdate` datetime DEFAULT NULL,
`Validator` varchar(15) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

-- 
-- Dumping data for table `pegawai` 
-- 

INSERT INTO `pegawai`(`PegawaiID`, `NIP`, `NIPBaru`, `Nama`,
`GelarDepan`, `GelarBelakang`, `TempatLahir`, `TglLahir`,
`JenisKelamin`, `AgamaID`, `StatusKawin`, `SukuBangsa`,
`GolDarah`, `Email`, `PropinsiID`, `KabupatenID`, `KecamatanID`,
`Desa`, `Alamat`, `RT`, `RW`, `Telepon`, `Kodepos`, `SatkerID`,
`TipePegawai`, `StatusPegawai`, `Kedudukan`, `JenisPegawai`,
`Karpeg`, `Askes`, `Taspen`, `NPWP`, `NIK`, `Bank`,
`NoRekening`, `TglMati`, `TglPensiun`, `TglTerusan`, `TglUpdate`,
`Validator`) VALUES
('235000100001', '010080586', '19520481977031004', 'SOEY ONO',
'Dr', 'SH. M.Si', 'surabaya', '1967-01-12 00:00:00', '1', '01', '2',
'Jawa', '1', 'soeyono@gmail.com', '15', '217', '1955', ' ', 'Kejawan
putih tambak', '6', '3', '089696605593', '60112', '01', '1', '2', '1', '2', '1',
', ', ', ', ', '0000-00-00 00:00:00', '0000-00-00 00:00:00', '0000-
00-00 00:00:00', '0000-00-00 00:00:00', ''),
('235000100002', '510059484', ' ', 'SOEKARYO', 'Dr. H', 'S.H.
M.Hum', 'surabaya', '1967-03-16 00:00:00', '1', '01', '2', 'BETAWI',
'2', 'Soekaeryo@gmail.com', '15', '217', '1843', ' ', 'Jl. Menganti 101',

```

```
'6', '3', '085673213215', "", '02', '1', '2', '1', '2', "", "", "", "", "", "0000-00-00 00:00:00', '0000-00-00 00:00:00', '0000-00-00 00:00:00', '0000-00-00 00:00:00', ");
```

```
--
```

```
-- Table structure for table `propinsi`
```

```
--
```

```
CREATE TABLE IF NOT EXISTS `propinsi` (
```

```
    `id` bigint(20) NOT NULL,  
    `negara_id` bigint(20) NOT NULL,  
    `name` varchar(64) NOT NULL,  
    `code` varchar(8) NOT NULL
```

```
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--
```

```
-- Dumping data for table `propinsi`
```

```
--
```

```
INSERT INTO `propinsi` (`id`, `negara_id`, `name`, `code`) VALUES
```

```
(1, 114, 'NANGGROE ACEH DARUSSALAM', '11'),  
(2, 114, 'SUMATERA UTARA', '12'),  
(3, 114, 'SUMATERA BARAT', '13'),  
(4, 114, 'RIAU', '14'),
```

- (5, 114, 'JAMBI', '15'),
- (6, 114, 'SUMATERA SELATAN', '16'),
- (7, 114, 'BENGKULU', '17'),
- (8, 114, 'LAMPUNG', '18'),
- (9, 114, 'KEPULAUAN BANGKA BELITUNG', '19'),
- (10, 114, 'KEPULAUAN RIAU', "),
- (11, 114, 'DKI JAKARTA', '31'),
- (12, 114, 'JAWA BARAT', '32'),
- (13, 114, 'JAWA TENGAH', '33'),
- (14, 114, 'DI YOGYAKARTA', '34'),
- (15, 114, 'JAWA TIMUR', '35'),
- (16, 114, 'BANTEN', '30'),
- (17, 114, 'BALI', '51'),
- (18, 114, 'NU SA TENGGARA BARAT', '52'),
- (19, 114, 'NU SA TENGGARA TIMUR', '53'),
- (20, 114, 'KALIMANTAN BARAT', '61'),
- (21, 114, 'KALIMANTAN TENGAH', '62'),
- (22, 114, 'KALIMANTAN SELATAN', '63'),
- (23, 114, 'KALIMANTAN TIMUR', '64'),
- (24, 114, 'SULAWESI UTARA', '71'),
- (25, 114, 'SULAWESI TENGAH', '72'),
- (26, 114, 'SULAWESI SELATAN', '73'),
- (27, 114, 'SULAWESI TENGGARA', '74'),
- (28, 114, 'GORONTALO', '70'),
- (29, 114, 'SULAWESI BARAT', "),
- (30, 114, 'MALUKU', '81'),
- (31, 114, 'MALUKU UTARA', '84'),

```
(32, 114, 'PAPUA BARAT', '87'),  
(33, 114, 'PAPUA', '85');
```

```
-- -----
```

```
--
```

```
-- Table structure for table `satker`
```

```
--
```

```
CREATE TABLE IF NOT EXISTS `satker`(  
    `SatkerID` varchar(10) NOT NULL,  
    `KdSatker` varchar(20) DEFAULT NULL,  
    `Satker` varchar(150) DEFAULT NULL,  
    `Sifat` varchar(1) NOT NULL DEFAULT ",  
    `Eselon` varchar(3) DEFAULT NULL,  
    `TMTjabatan` datetime DEFAULT NULL,  
    `Kepala` varchar(100) DEFAULT NULL,  
    `KepalaNIP` varchar(12) DEFAULT NULL,  
    `KepalaPangkatID` varchar(2) DEFAULT NULL,  
    `NamaSingkat` varchar(50) DEFAULT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

```
--
```

```
-- Dumping data for table `satker`
```

```
--
```

```
INSERT INTO `satker`(`SatkerID`, `KdSatker`, `Satker`, `Sifat`,
```

```
`Eselon`,      `TMTJabatan`,      `Kepala`,      `KepalaNIP`,  
 `KepalaPangkatID`, `NamaSingkat`) VALUES  
 ('1111', '35000', 'Provinsi Jawa Timur', '3', '1', '2014-10-13  
 11:59:34', 'Gubenur Jawa Timur', '12345', '1', 'Pak De'),  
 ('3504', "", 'Dinas Perhubungan dan LLAJ', '4', "", '0000-00-00  
 00:00:00', "", "", ""),  
 ('3505', NULL, 'Dinas Pertanian', '3', NULL, NULL, NULL, NULL,  
 NULL, NULL),  
 ('3506', NULL, 'Dinas PU Pengairan', '3', NULL, NULL, NULL,  
 NULL, NULL, NULL),  
 ('3507', NULL, 'Dinas Kesehatan', '3', NULL, NULL, NULL,  
 NULL, NULL, NULL),  
 ('3508', NULL, 'Dinas Sosial', '3', NULL, NULL, NULL, NULL,  
 NULL, NULL),  
 ('3509', NULL, 'Dinas Perindustrian dan Perdagangan', '3', NULL,  
 NULL, NULL, NULL, NULL),  
 ('3510', NULL, 'Dinas Pendapatan', '3', NULL, NULL, NULL,  
 NULL, NULL, NULL),  
 ('3511', NULL, 'Dinas Tenaga Kerja, Kependudukan dan  
 Transmigrasi ', '3', NULL, NULL, NULL, NULL, NULL, NULL),  
 ('3512', NULL, 'Badan Pemberdayaan Perempuan dan Keluarga  
 Berencana', '3', NULL, NULL, NULL, NULL, NULL, NULL),  
 ('3513', NULL, 'RSUD Dr. Soetomo', '3', NULL, NULL, NULL,  
 NULL, NULL, NULL),  
 ('3514', NULL, 'Dinas Kehutanan', '3', NULL, NULL, NULL,  
 NULL, NULL, NULL),  
 ('3515', NULL, 'Dinas PU Bina Marga', '3', NULL, NULL, NULL,
```

NULL, NULL, NULL),
('3516', NULL, 'Badan Perencanaan Pembangunan Daerah', '3',
NULL, NULL, NULL, NULL, NULL, NULL),
('3517', NULL, 'Biro Umum', '3', NULL, NULL, NULL, NULL,
NULL, NULL),
('3518', NULL, 'Badan Penanaman Modal', '3', NULL, NULL,
NULL, NULL, NULL, NULL),
('3519', NULL, 'Badan Ketahanan Pangan', '3', NULL, NULL,
NULL, NULL, NULL, NULL),
('3520', NULL, 'Kantor Perwakilan Prov. Jawa Timur', '3', NULL,
NULL, NULL, NULL, NULL, NULL),
('3521', NULL, 'Dinas Komunikasi dan Informatika', '3', NULL,
NULL, NULL, NULL, NULL, NULL),
('3522', NULL, 'Biro Administrasi Pemerintahan Umum', '3',
NULL, NULL, NULL, NULL, NULL, NULL),
('3523', NULL, 'Biro Administrasi Kerjasama', '3', NULL, NULL,
NULL, NULL, NULL, NULL),
('3524', NULL, 'Biro Hukum', '3', NULL, NULL, NULL, NULL,
NULL, NULL),
('3525', NULL, 'Biro Administrasi Perekonomian', '3', NULL,
NULL, NULL, NULL, NULL, NULL),
('3526', NULL, 'Biro Administrasi Pembangunan', '3', NULL,
NULL, NULL, NULL, NULL, NULL),
('3527', NULL, 'Biro Administrasi Sumber Daya Alam', '3', NULL,
NULL, NULL, NULL, NULL, NULL);

```
--  
-- Table structure for table `statuskawin`  
--  
  
CREATE TABLE IF NOT EXISTS `statuskawin`(  
    `statuskawinID` varchar(2) NOT NULL,  
    `statuskawin` varchar(20) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
  
--  
-- Dumping data for table `statuskawin`  
--  
  
INSERT INTO `statuskawin` (`statuskawinID`, `statuskawin`)  
VALUES  
(‘1’, ‘Belum Menikah’),  
(‘2’, ‘Menikah’),  
(‘3’, ‘Cerai’);  
  
-----  
  
--  
-- Table structure for table `statuspegawai`  
--  
  
CREATE TABLE IF NOT EXISTS `statuspegawai`(  
    
```

```
 `idstatus` int(2) NOT NULL,  
 `status` varchar(20) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
  
--  
-- Dumping data for table `statuspegawai`  
--  
  
INSERT INTO `statuspegawai`(`idstatus`, `status`) VALUES  
(1, '1'),  
(2, '2'),  
(3, '3'),  
(4, '4');  
  
-----  
  
--  
-- Table structure for table `tipepegawai`  
--  
  
CREATE TABLE IF NOT EXISTS `tipepegawai`(  
 `idpegawai` int(2) NOT NULL,  
 `tipe` varchar(2) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
  
--  
-- Dumping data for table `tipepegawai`
```

```
--  
  
INSERT INTO `tipepegawai`(`idpegawai`, `tipe`) VALUES  
(1, '1'),  
(2, '2'),  
(3, '3'),  
(4, '4');  
  
--  
-- Indexes for dumped tables  
--  
  
--  
-- Indexes for table `agama`  
--  
  
ALTER TABLE `agama`  
ADD PRIMARY KEY (`AgamaID`);  
  
--  
-- Indexes for table `dinasluar`  
--  
  
ALTER TABLE `dinasluar`  
ADD PRIMARY KEY (`NIP`);  
  
--  
-- Indexes for table `eselonsatker`  
--
```

```
ALTER TABLE `selonsatker`  
ADD PRIMARY KEY (`Eselon);  
  
--  
-- Indexes for table `goldarah`  
--  
ALTER TABLE `goldarah`  
ADD PRIMARY KEY (`id_gol);  
  
--  
-- Indexes for table `harilibur`  
--  
ALTER TABLE `harilibur`  
ADD PRIMARY KEY (`id_tanggal`);  
  
--  
-- Indexes for table `jamlembur`  
--  
ALTER TABLE `jamlembur`  
ADD PRIMARY KEY (`Id_jam`);  
  
--  
-- Indexes for table `jenisharilembur`  
--  
ALTER TABLE `jenisharilembur`  
ADD PRIMARY KEY (`JenisHariLembur`);
```

```
--  
-- Indexes for table `jenisharilibur`  
--  
ALTER TABLE `jenisharilibur`  
ADD PRIMARY KEY (`JenisHariLibur`);  
  
--  
-- Indexes for table `jeniskelamin`  
--  
ALTER TABLE `jeniskelamin`  
ADD PRIMARY KEY (`JenisKelaminID`);  
  
--  
-- Indexes for table `jenislembur`  
--  
ALTER TABLE `jenislembur`  
ADD PRIMARY KEY (`JenisLembur`);  
  
--  
-- Indexes for table `kabupatenkota`  
--  
ALTER TABLE `kabupatenkota`  
ADD PRIMARY KEY (`id`);  
  
--  
-- Indexes for table `kecamatan`  
--
```

```
ALTER TABLE `kecamatan`  
ADD PRIMARY KEY (`id`);  
  
--  
-- Indexes for table `lembur`  
--  
  
ALTER TABLE `lembur`  
ADD PRIMARY KEY (`NIP`);  
  
--  
-- Indexes for table `pegawai`  
--  
  
ALTER TABLE `pegawai`  
ADD PRIMARY KEY (`NIP`);  
  
--  
-- Indexes for table `propinsi`  
--  
  
ALTER TABLE `propinsi`  
ADD PRIMARY KEY (`id`);  
  
--  
-- Indexes for table `satker`  
--  
  
ALTER TABLE `satker`  
ADD PRIMARY KEY (`SatkerID`), ADD UNIQUE KEY  
`SatkerID`(`SatkerID`);
```

```
--  
-- Indexes for table `statuskawin`  
--  
ALTER TABLE `statuskawin`  
ADD PRIMARY KEY (`statuskawinID`);  
  
--  
-- Indexes for table `statuspegawai`  
--  
ALTER TABLE `statuspegawai`  
ADD PRIMARY KEY (`idstatus`);  
  
--  
-- Indexes for table `tipepegawai`  
--  
ALTER TABLE `tipepegawai`  
ADD PRIMARY KEY (`idpegawai`);  
  
/*!40101 SET  
CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLI  
ENT */;  
/*!40101 SET  
CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RE  
SULTS */;  
/*!40101 SET  
COLLATION_CONNECTION=@OLD_COLLATION_CONNEC
```

TION */;

➤ Koneksi Database Satker (database.php)

Satker → source file → protected → config → database.php

```
<?php  
1  
2  
3 // This is the database connection configuration.  
4 return array(  
5     //connectionString' => 'sqlite:'.dirname(__FILE__).'/../data/testdrive.db',  
6     // uncomment the following lines to use a MySQL database  
7  
8     'connectionString' => 'mysql:host=localhost;dbname=mysimpeg',  
9     'emulatePrepare' => true,  
10    'username' => 'root',  
11    'password' => '',  
12    'charset' => 'utf8',  
13  
14 );
```

➤ Tema (*layout*) Satker dan password Yii code generator (main.php)

Satker → source file → protected → config → main.php

```
<?php
```

```
// uncomment the following to define a path alias
```

```
// Yii::setPathOfAlias('local','path/to/local-folder');
```

```
// This is the main Web application configuration. Any writable
```

```
// CWebApplication properties can be configured here.
```

```
return array(  
  
    'basePath'=>dirname(__FILE__).DIRECTORY_SEPARATOR  
    .'.,  
  
    'name'=>'Absensi Dinas Luar "Dinas Komunikasi dan  
Informatika Provinsi Jawa Timur"',  
  
    'theme'=>'abound',  
  
    // preloading 'log' component  
  
    'preload'=>array('log'),  
  
    // autoloading model and component classes  
  
    'import'=>array(  
  
        'application.models.*',  
  
        'application.components.*',  
  
    ),  
  
    'modules'=>array(  
  
        // uncomment gii di bawah ini untuk menggunakan
```

```
modul generator

'gii'=>array(
    'class'=>'system.gii.GiiModule',
    'password'=>'satker',
    // If removed, Gii defaults to localhost only.

Edit carefully to taste.

    'ipFilters'=>array('127.0.0.1','::1'),
),
),

// application components

'components'=>array(
    'user'=>array(
        // enable cookie-based authentication
        'allowAutoLogin'=>true,
),
,
```

```
// uncomment the following to enable URLs in path-
format

/*
'urlManager'=>array(
    'urlFormat'=>'path',
    'rules'=>array(
        '<controller:\w+>/<id:\d+>'=>'<cont
roller>/view',
        '<controller:\w+>/<action:\w+>/<id:
\d+>'=>'<controller>/<action>',
        '<controller:\w+>/<action:\w+>'=>'<
controller>/<action>',
    ),
),
*/
// database settings are configured in database.php
```

```

'db'=>require(dirname(__FILE__).'/database.php'),


'errorHandler'=>array(
    // use 'site/error' action to display errors

    'errorAction'=>'site/error',
),


'log'=>array(
    'class'=>'CLogRouter',
    'routes'=>array(
        array(
            'class'=>'CFileLogRoute',
            'levels'=>'error, warning',
        ),
        // uncomment the following to show
        log messages on web pages
    )
)

```

```
/*
array(
    'class'=>'CWebLogRoute',
),
*/
),
),
),
// application-level parameters that can be accessed
// using Yii::app()->params['paramName']
'params'=>array(
    // this is used in contact page
    'adminEmail'=>'webmaster@example.com',
),
);
```


Kode Program

- Controller
- Controller Master (Hari libur)

Satker → source file → Controllers → HariliburController.php

<?php

```
class HariliburController extends Controller
{
    /**
     * @var string the default layout for the views. Defaults to
     '//layouts/column2', meaning
     *      using      two-column      layout.      See
     *'protected/views/layouts/column2.php'.
    */
    public $layout='//layouts/column2';

    /**
     * @return array action filters
    
```

```
*/  
  
public function filters()  
{  
    return array(  
        'accessControl', // perform access control for  
        CRUD operations  
        'postOnly + delete', // we only allow deletion  
        via POST request  
    );  
}  
  
*/
```

/*

* Specifies the access control rules.

* This method is used by the 'accessControl' filter.

* @return array access control rules

*/

```
public function accessRules()  
{
```

```
return array(  
  
    array('allow', // allow all users to perform  
'index' and 'view' actions  
  
        'actions'=>array('index','view'),  
  
        'users'=>array('*'),  
  
    ),  
  
    array('allow', // allow authenticated user to  
perform 'create' and 'update' actions  
  
        'actions'=>array('create','update'),  
  
        'users'=>array('@'),  
  
    ),  
  
    array('allow', // allow admin user to perform  
'admin' and 'delete' actions  
  
        'actions'=>array('admin','delete'),  
  
        'users'=>array('admin'),  
  
    ),  
  
    array('deny', // deny all users  
  
        'users'=>array('*'),
```

```
        ),  
    );  
}  
  
/**  
 * Displays a particular model.  
 * @param integer $id the ID of the model to be displayed  
 */  
  
public function actionView($id)  
{  
    $this->render('view',array(  
        'model'=>$this->loadModel($id),  
    ));  
}  
  
/**  
 * Creates a new model.  
 */
```

```
* If creation is successful, the browser will be redirected to the
'vew' page.

*/
public function actionCreate()
{
    $model=new Harilibur;

    // Uncomment the following line if AJAX validation is
    // needed
    // $this->performAjaxValidation($model);

    if(isset($_POST['Harilibur']))
    {
        $model->attributes=$_POST['Harilibur'];
        if($model->save())
            $this-
>redirect(array('view','id'=>$model->id_tanggal));
    }
}
```

```
$this->render('create',array(  
    'model'=>$model,  
)  
);  
  
}  
  
/**  
 * Updates a particular model.  
 * If update is successful, the browser will be redirected to the  
 'view' page.  
 * @param integer $id the ID of the model to be updated  
 */  
public function actionUpdate($id)  
{  
    $model=$this->loadModel($id);  
  
    // Uncomment the following line if AJAX validation is  
needed
```

```
// $this->performAjaxValidation($model);

if(isset($_POST['Harilibur']))

{

    $model->attributes=$_POST['Harilibur'];

    if($model->save())

        $this-

>redirect(array('view','id'=>$model->id_tanggal));

}

$this->render('update',array(

    'model'=>$model,

));

}

/**



* Deletes a particular model.
```

```
* If deletion is successful, the browser will be redirected to the  
'admin' page.
```

```
* @param integer $id the ID of the model to be deleted
```

```
*/
```

```
public function actionDelete($id)
```

```
{
```

```
$this->loadModel($id)->delete();
```

```
// if AJAX request (triggered by deletion via admin  
grid view), we should not redirect the browser
```

```
if(!isset($_GET['ajax']))
```

```
$this->redirect(isset($_POST['returnUrl']) ?  
$_POST['returnUrl'] : array('admin'));
```

```
}
```

```
/**
```

```
* Lists all models.
```

```
*/
```

```
public function actionIndex()

{
    $dataProvider=new CActiveDataProvider('Harilibur');

    $this->render('index',array(
        'dataProvider'=>$dataProvider,
    ));

}

/**
 * Manages all models.
 */

public function actionAdmin()

{
    $model=new Harilibur('search');

    $model->unsetAttributes(); // clear any default values

    if(isset($_GET['Harilibur']))

        $model->attributes=$_GET['Harilibur'];
}
```

```
$this->render('admin',array(  
    'model'=>$model,  
)  
}  
  
/**  
 * Returns the data model based on the primary key given in the  
GET variable.  
 * If the data model is not found, an HTTP exception will be  
raised.  
 * @param integer $id the ID of the model to be loaded  
 * @return Harilibur the loaded model  
 * @throws CHttpException  
 */  
  
public function loadModel($id)  
{  
    $model=Harilibur::model()->findByPk($id);
```

```

        if($model==null)

            throw      new      CHttpException(404,'The
requested page does not exist.);

        return $model;

    }

/**

 * Performs the AJAX validation.

 * @param Harilibur $model the model to be validated

 */

protected function performAjaxValidation($model)

{

    if(isset($_POST['ajax']) &&
$_POST['ajax']=='harilibur-form')

    {

        echo CActiveForm::validate($model);

        Yii::app()->end();

    }

}

```

}

}

Kode Program

- > Model
- > Model Master (Hari libur)

Satker → source file → models → Harilibur.php

```
<?php
```

```
class HariliburController extends Controller
{
    /**
     * @var string the default layout for the views. Defaults to
     '//layouts/column2', meaning
     *
     *      using      two-column      layout.      See
     *'protected/views/layouts/column2.php'.
     */
    public $layout='//layouts/column2';

    /**
     * @return array action filters
}
```

```
*/  
  
public function filters()  
{  
    return array(  
        'accessControl', // perform access control for  
        CRUD operations  
        'postOnly + delete', // we only allow deletion  
        via POST request  
    );  
}  
  
};
```

/**

- * Specifies the access control rules.
- * This method is used by the 'accessControl' filter.
- * @return array access control rules

*/

```
public function accessRules()
```

```
{
```

```
return array(  
  
    array('allow', // allow all users to perform  
'index' and 'view' actions  
  
        'actions'=>array('index','view'),  
  
        'users'=>array('*'),  
  
    ),  
  
    array('allow', // allow authenticated user to  
perform 'create' and 'update' actions  
  
        'actions'=>array('create','update'),  
  
        'users'=>array('@'),  
  
    ),  
  
    array('allow', // allow admin user to perform  
'admin' and 'delete' actions  
  
        'actions'=>array('admin','delete'),  
  
        'users'=>array('admin'),  
  
    ),  
  
    array('deny', // deny all users  
  
        'users'=>array('*'),
```

```
        ),  
    );  
}  
  
/**  
 * Displays a particular model.  
 * @param integer $id the ID of the model to be displayed  
 */  
  
public function actionView($id)  
{  
    $this->render('view',array(  
        'model'=>$this->loadModel($id),  
    ));  
}  
  
/**  
 * Creates a new model.  
 */
```

```
* If creation is successful, the browser will be redirected to the
'vew' page.

*/
public function actionCreate()
{
    $model=new Harilibur;

    // Uncomment the following line if AJAX validation is
    // needed
    // $this->performAjaxValidation($model);

    if(isset($_POST['Harilibur']))
    {
        $model->attributes=$_POST['Harilibur'];
        if($model->save())
            $this-
>redirect(array('view','id'=>$model->id_tanggal));
    }
}
```

```
$this->render('create',array(  
    'model'=>$model,  
)  
);  
  
}  
  
/**  
 * Updates a particular model.  
 * If update is successful, the browser will be redirected to the  
 'view' page.  
 * @param integer $id the ID of the model to be updated  
 */  
  
public function actionUpdate($id)  
{  
    $model=$this->loadModel($id);  
  
    // Uncomment the following line if AJAX validation is  
needed
```

```
// $this->performAjaxValidation($model);

if(isset($_POST['Harilibur']))

{

    $model->attributes=$_POST['Harilibur'];

    if($model->save())

        $this-

>redirect(array('view','id'=>$model->id_tanggal));

}

$this->render('update',array(

    'model'=>$model,

));

}

/**



* Deletes a particular model.
```

```
* If deletion is successful, the browser will be redirected to the  
'admin' page.
```

```
* @param integer $id the ID of the model to be deleted
```

```
*/
```

```
public function actionDelete($id)
```

```
{
```

```
$this->loadModel($id)->delete();
```

```
// if AJAX request (triggered by deletion via admin  
grid view), we should not redirect the browser
```

```
if(!isset($_GET['ajax']))
```

```
$this->redirect(isset($_POST['returnUrl']) ?  
$_POST['returnUrl'] : array('admin'));
```

```
}
```

```
/**
```

```
* Lists all models.
```

```
*/
```

```
public function actionIndex()

{
    $dataProvider=new CActiveDataProvider('Harilibur');

    $this->render('index',array(
        'dataProvider'=>$dataProvider,
    ));

}

/**
 * Manages all models.
 */

public function actionAdmin()

{
    $model=new Harilibur('search');

    $model->unsetAttributes(); // clear any default values

    if(isset($_GET['Harilibur']))

        $model->attributes=$_GET['Harilibur'];
}
```

```
$this->render('admin',array(  
    'model'=>$model,  
)  
}  
  
/**  
 * Returns the data model based on the primary key given in the  
GET variable.  
 * If the data model is not found, an HTTP exception will be  
raised.  
 * @param integer $id the ID of the model to be loaded  
 * @return Harilibur the loaded model  
 * @throws CHttpException  
 */  
  
public function loadModel($id)  
{  
    $model=Harilibur::model()->findByPk($id);
```

```

        if($model==null)

            throw      new      CHttpException(404,'The
requested page does not exist.);

        return $model;

    }

/**

 * Performs the AJAX validation.

 * @param Harilibur $model the model to be validated

 */

protected function performAjaxValidation($model)

{

    if(isset($_POST['ajax']) &&
$_POST['ajax']=='harilibur-form')

    {

        echo CActiveForm::validate($model);

        Yii::app()->end();

    }

}

```

}

}

Kode Program

- > View
- > View Master (Hari libur)

Satker → source file → views → Harilibur → _form.php

```
<?php  
/*@var $this HariliburController */  
/*@var $model Harilibur */  
/*@var $form CActiveForm */  
?  
  
< div class= "form">  
  
< ?php $form= $this-> beginWidget('CActiveForm', array(  
    'id'= > 'harilibur-form',  
    // Please note: When you enable ajax validation, make sure  
    the corresponding  
    // controller action is handling ajax validation correctly.  
    // There is a call to performAjaxValidation() commented in  
    generated controller code.  
    // See class documentation of CActiveForm for details on
```

this.

```
'enableAjaxValidation'=>false,  
));?>
```

```
<p class= "note"> Fields with <span  
class= "required">*</span> are required.</p>
```

```
< ?php echo $form-> errorSummary($model); ?>
```

```
< div class= "row">  
  
< ?php echo $form-> labelEx($model,'id_tanggal');  
?>  
  
< ?php echo $form-> textField($model,'id_tanggal'); ?>  
  
< ?php echo $form-> error($model,'id_tanggal'); ?>  
  
< /div>
```

```
< div class= "row">  
  
< ?php echo $form-> labelEx($model,'Tanggal'); ?>  
  
< ?php //echo $form->  
> textField($model,'Tanggal');
```

```
$this->widget(  
    'zii.widgets.jui.CJuiDatePicker',  
    array(  
        'model'=>$model,  
        'attribute'=>'Tanggal',  
        'value'=>$model->Tanggal,  
        'options'=>array(  
            'dateFormat'=>'yy-mm-dd',  
            'showOn'=>'button',  
        ),  
)  
?  
<?php echo $form->error($model,'Tanggal'); ?>  
</div>  
  
<div class= "row">
```

```

        < ?php echo $form-
> labelEx($model,'NamaHariLibur'); ?>

        < ?php echo $form-
> textField($model,'NamaHariLibur',array('size'= > 60,'maxlength'=
> 100)); ?>

        < ?php echo $form-
> error($model,'NamaHariLibur'); ?>

< /div>

< div class= "row">

        < ?php echo $form-
> labelEx($model,'JenisHariLibur'); ?>

        < ?php //echo $form-
> textField($model,'JenisHariLibur',array('size'= > 60,'maxlength'=
> 64));

        echo $form-
> dropDownList($model,'JenisHariLibur',CHtml::listData(
Jenisharilibur::model()-> findAll(),
'KodeHariLibur','JenisHariLibur'),
array (
'style'= > 'width:200px;')

); ?>

        < ?php echo $form-

```

```
> error($model,'JenisHariLibur');?>

</div>

<div class= "row buttons">

    <?php echo CHtml::submitButton($model->isNewRecord ? 'Create' : 'Save');?>

</div>

<?php $this->endWidget();?>

</div><!-- form -->
```

Satker → source file → views → Harilibur → _search.php

```
<?php

/* @var $this HariliburController */

/* @var $model Harilibur */

/* @var $form CActiveForm */

?>

<div class="wide form">

<?php $form=$this->beginWidget('CActiveForm', array(
    'action'=>Yii::app()->createUrl($this->route),
    'method'=>'get',
)); ?>

<div class="row">
    <?php echo $form->label($model,'id_tanggal'); ?>
    <?php echo $form->textField($model,'id_tanggal'); ?>
```

```
</div>

<div class="row">

    <?php echo $form->label($model,'Tanggal'); ?>

    <?php echo $form->textField($model,'Tanggal'); ?>

</div>

<div class="row">

    <?php echo $form->label($model,'NamaHariLibur'); ?>

    <?php echo $form->textField($model,'NamaHariLibur',array('size'=>60,'maxLength'=>100)); ?>

</div>

<div class="row">

    <?php echo $form->label($model,'JenisHariLibur'); ?>

    <?php echo $form->
```

```

>textField($model,'JenisHariLibur',array('size'=>60,'maxlength'=>64));
?>

</div>

<div class="row buttons">
    <?php echo CHtml::submitButton('Search'); ?>
</div>

<?php $this->endWidget(); ?>

</div><!-- search-form -->

```

Satker → source file → views → Harilibur → _view.php

```
<?php

/* @var $this HariliburController */

/* @var $data Harilibur */

?>

<div class="view">

    <b><?php echo CHtml::encode($data->getAttributeLabel('id_tanggal')) ?>:</b>

        <?php echo CHtml::link(CHtml::encode($data->id_tanggal),
array('view', 'id'=>$data->id_tanggal)); ?>

    <br />

    <b><?php echo CHtml::encode($data->getAttributeLabel('Tanggal')) ?>:</b>

        <?php echo CHtml::encode($data->Tanggal); ?>

    <br />
```

```
<b><?php echo CHtml::encode($data->getAttributelabel('NamaHariLibur')); ?></b>

<?php echo CHtml::encode($data->NamaHariLibur); ?>

<br />

<b><?php echo CHtml::encode($data->getAttributelabel('JenisHariLibur')); ?></b>

<?php echo CHtml::encode($data->JenisHariLibur); ?>

<br />

</div>
```

Satker → source file → views → Harilibur → admin.php

```
<?php  
/* @var $this HariliburController */  
/* @var $model Harilibur */  
  
  
  
$this-> breadcrumbs= array(  
    'Harilibur'= > array('index'),  
    'Manage',  
);  
  
  
  
$this-> menu= array(  
    array('label'= > 'List Hari Libur', 'url'= > array('index')),  
    array('label'= > 'Create Hari Libur', 'url'= > array('create')),  
);  
  
  
  
Yii::app()-> clientScript-> registerScript('search', "  
$('.search-button').click(function(){  
    $('.search-form').toggle();  
    return false;  
})
```

```
});

$('.search-form form').submit(function(){

    $('#harilibur-grid').yiiGridView('update', {

        data: $(this).serialize()

    });

    return false;

});

");

?>
```

< h1> Manage Hari Libur</h1>

```
<?php echo CHtml::link('Advanced Search','#',array('class'=>'search-button'));?>

<div class= "search-form" style= "display:none">

<?php $this->renderPartial('_search',array(
    'model'= > $model,
)); ?>

</div> <!-- search-form -->
```

```
<?php $this->widget('zii.widgets.grid.CGridView', array(  
    'id'=>'harilibur-grid',  
    'dataProvider'=>$model->search(),  
    'filter'=>$model,  
    'columns'=>array(  
        'id_tanggal',  
        'Tanggal',  
        'NamaHariLibur',  
        'JenisHariLibur',  
        array(  
            'class'=>'CButtonColumn',  
        ),  
    ),  
) ); ?>
```

Satker → source file → views → Harilibur → create.php

```
<?php  
/*@var $this HariliburController */  
/*@var $model Harilibur */  
  
  
  
$this->breadcrumbs= array(  
    'Harilibur'=> array('index'),  
    'Create',  
);  
  
  
  
$this-> menu= array(  
    array('label'=> 'List Hari Libur', 'url'=> array('index')),  
    array('label'=> 'Manage Hari Libur',  
        'url'=> array('admin')),  
);  
?>  
< h1> Create Hari Libur</h1>  
  
  
  
<?php $this-> renderPartial('_form', array('model'= > $model)); ?>
```

Satker → source file → views → Harilibur → index.php

```
<?php

/* @var $this HariliburController */

/* @var $dataProvider CActiveDataProvider */

$this->breadcrumbs=array(
    'Harilibur',
);

$this->menu=array(
    array('label'=>'Create Hari Libur', 'url'=>array('create')),
    array('label'=>'Manage Hari Libur', 'url'=>array('admin')),
);

?>

<h1>Hari Libur</h1>
```

```
<?php $this->widget('zii.widgets.CListView', array(  
    'dataProvider'=>$dataProvider,  
    'itemView'=>'_view',  

```

Satker → source file → views → Harilibur → update.php

```
<?php  
/* @var $this HariliburController */  
/* @var $model Harilibur */  
  
$this->breadcrumbs=array(  

```

```
array('label'=>'Create Hari Libur', 'url'=>array('create')),

array('label'=>'View Hari Libur', 'url'=>array('view',
'id'=>$model->id_tanggal)),

array('label'=>'Manage Hari Libur', 'url'=>array('admin')),

);

?>
```

```
<h1>Update Hari Libur <?php echo $model->id_tanggal; ?></h1>
```

```
<?php $this->renderPartial('_form', array('model'=>$model)); ?>
```

Satker → source file → views → Harilibur → view.php

```
<?php
/* @var $this HariliburController */
/* @var $model Harilibur */
```

```
$this->breadcrumbs= array(
'Harilibur'=> array('index'),
```

```

$model-> id_tanggal,
);

$this-> menu= array(
    array('label'=> 'List Hari Libur', 'url'=> array('index')),

    array('label'=> 'Create Hari Libur', 'url'=> array('create')),

    array('label'=> 'Update Hari Libur', 'url'=> array('update'),
'id'=> $model-> id_tanggal)),

    array('label'=> 'Delete Hari Libur', 'url'=> '#',
'linkOptions'=> array('submit'=> array('delete','id'=> $model-
> id_tanggal),'confirm'=> 'Are you sure you want to delete this
item?')),

    array('label'=> 'Manage Hari Libur',
'url'=> array('admin')),

);
?>

< h1> View Harilibur #< ?php echo $model-> id_tanggal; ?> < /h1>

< ?php $this-> widget('zii.widgets.CDetailView', array(
'data'=> $model,

```

```
'attributes'=>array(  
    'id_tanggal',  
    'Tanggal',  
    'NamaHariLibur',  
    'JenisHariLibur',  
,  
));?>
```

Kode Program

Begitupun sama untuk semua kode program *model*, *view*, *controller* pada halaman :

- Pegawai

Controller :

Satker → source file → controllers → PegawaiController.php

Model :

Satker → source file → models → Pegawai.php

View :

Satker → source file → views → pegawai → _form.php

Satker → source file → views → pegawai → _search.php

Satker → source file → views → pegawai → _view.php

Satker → source file → views → pegawai → Admin.php

Satker → source file → views → pegawai → Create.php

Satker → source file → views → pegawai → Index.php

Satker → source file → views → pegawai → Update.php

Satker → source file → views → pegawai → View.php

- Satuan Kerja

Controller :

Satker → source file → controllers → SatkerController.php

Model :

Satker → source file → models → Satker.php

View :

Satker → source file → views → satker → _form.php

Satker → source file → views → satker → _search.php

Satker → source file → views → satker → _view.php
Satker → source file → views → satker → Admin.php
Satker → source file → views → satker → Create.php
Satker → source file → views → satker → Index.php
Satker → source file → views → satker → Update.php
Satker → source file → views → satker → View.php

- Transaksi Absensi Dinas Luar

Satker → source file → controllers →
DinasluarController.php

Model :

Satker → source file → models → Dinasluar.php

View :

Satker → source file → views → dinasluar → _form.php
Satker → source file → views → dinasluar → _search.php
Satker → source file → views → dinasluar → _view.php
Satker → source file → views → dinasluar → Admin.php
Satker → source file → views → dinasluar → Create.php
Satker → source file → views → dinasluar → Index.php
Satker → source file → views → dinasluar → Update.php
Satker → source file → views → dinasluar → View.php

- Transaksi Absensi Lembur

Satker → source file → controllers → LemburController.php

Model :

Satker → source file → models → Lembur.php

View :

Satker → source file → views → lembur → _form.php
Satker → source file → views → lembur → _search.php
Satker → source file → views → lembur → _view.php
Satker → source file → views → lembur → Admin.php
Satker → source file → views → lembur → Create.php
Satker → source file → views → lembur → Index.php
Satker → source file → views → lembur → Update.php
Satker → source file → views → lembur → View.php

*Kode program sengaja tidak penulis lampirkan semua karena keterbatasan tempat dan ketebalan laporan, harap maklum.

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