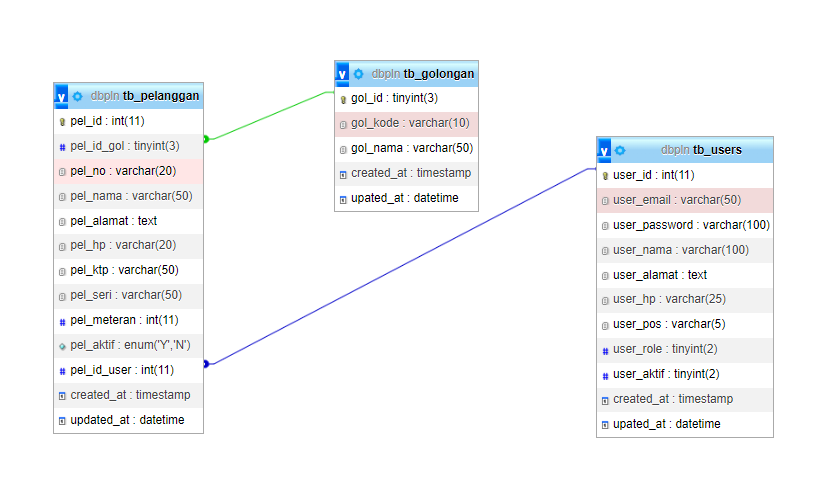
1. Design Database menggunakan MySQL :



1. Perintah tb users:

CREATE TABLE `tb\_users` (

`user\_id` int(11) NOT NULL PRIMARY ,

`user\_email` varchar(50) NOT NULL,

`user\_password` varchar(100) NOT NULL,

`user\_nama` varchar(100) NOT NULL,

`user\_alamat` text NOT NULL,

`user\_hp` varchar(25) NOT NULL,

`user\_pos` varchar(5) NOT NULL,

`user\_role` tinyint(2) NOT NULL,

`user\_aktif` tinyint(2) NOT NULL,

`created\_at` timestamp NOT NULL DEFAULT current\_timestamp() ON UPDATE current\_timestamp(),

`upated\_at` datetime NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

1. Perintah tb pelanggan:

CREATE TABLE `tb\_pelanggan` (

`pel\_id` int(11) NOT NULL PRIMARY,

`pel\_id\_gol` tinyint(3) NOT NULL,

`pel\_no` varchar(20) NOT NULL,

`pel\_nama` varchar(50) NOT NULL,

`pel\_alamat` text NOT NULL,

`pel\_hp` varchar(20) NOT NULL,

`pel\_ktp` varchar(50) NOT NULL,

`pel\_seri` varchar(50) NOT NULL,

`pel\_meteran` int(11) NOT NULL,

`pel\_aktif` enum('Y','N') NOT NULL,

`pel\_id\_user` int(11) NOT NULL,

`created\_at` timestamp NOT NULL DEFAULT current\_timestamp() ON UPDATE current\_timestamp(),

`updated\_at` datetime NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

1. Perintah tb golongan:

CREATE TABLE `tb\_golongan` (

`gol\_id` tinyint(3) NOT NULL PRIMARY,

`gol\_kode` varchar(10) NOT NULL,

`gol\_nama` varchar(50) NOT NULL,

`created\_at` timestamp NOT NULL DEFAULT current\_timestamp() ON UPDATE current\_timestamp(),

`upated\_at` datetime NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

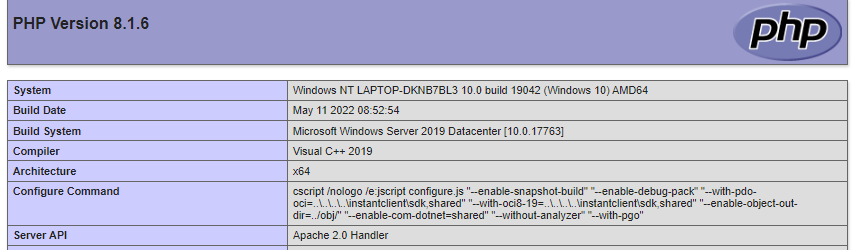
ALTER TABLE `tb\_pelanggan`

ADD CONSTRAINT `tb\_pelanggan\_ibfk\_1` FOREIGN KEY (`pel\_id\_gol`) REFERENCES `tb\_golongan` (`gol\_id`) ON DELETE CASCADE ON UPDATE CASCADE,

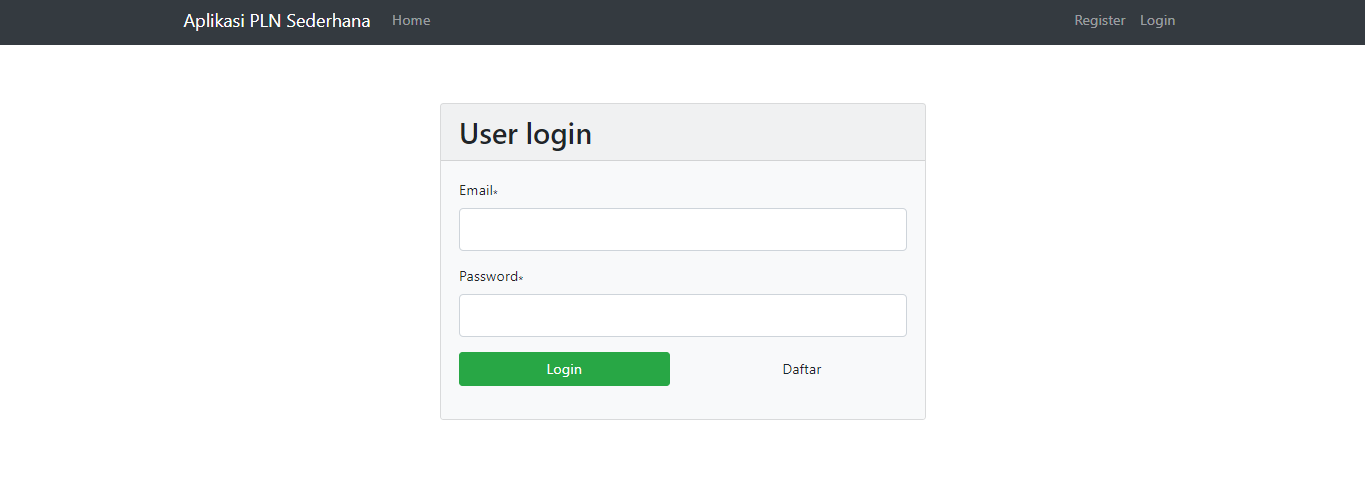
ADD CONSTRAINT `tb\_pelanggan\_ibfk\_2` FOREIGN KEY (`pel\_id\_user`) REFERENCES `tb\_users` (`user\_id`) ON DELETE CASCADE ON UPDATE CASCADE;

COMMIT;

1. Design Website dimana sistem terdapat CRUD dan dilindungi dengan sistem login dan di design dengan sangat memudahkan pengguna dalam pemakaian sistem ini.
2. Versi PHP

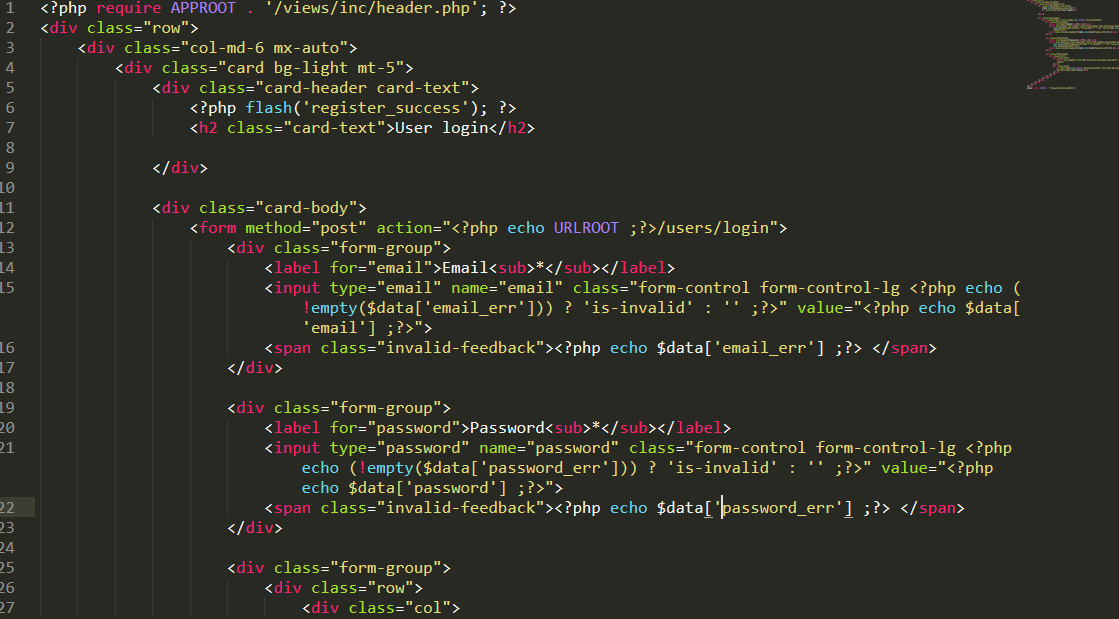


1. halaman login

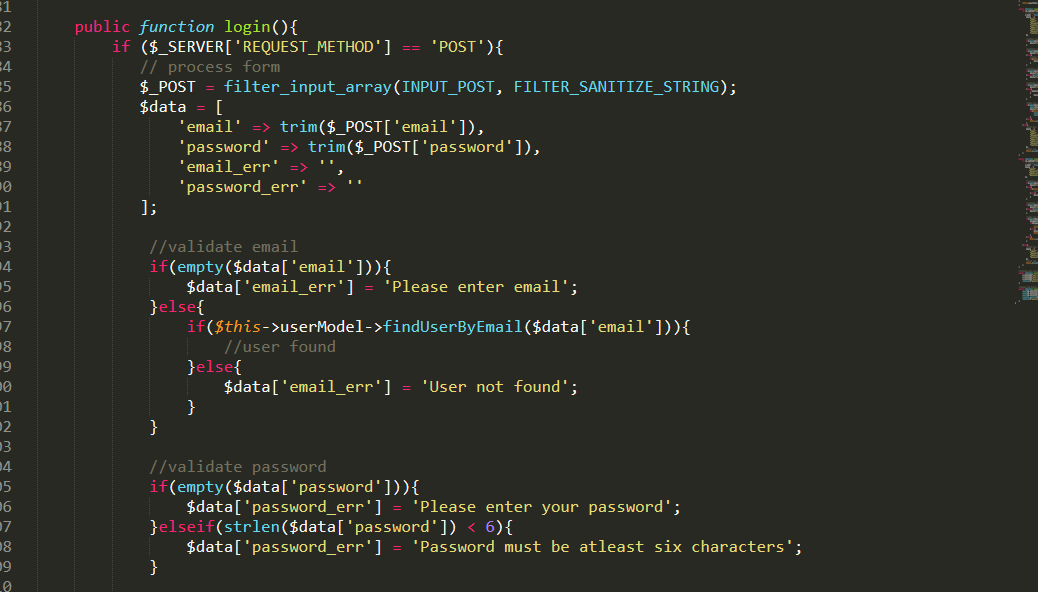


Source Code :

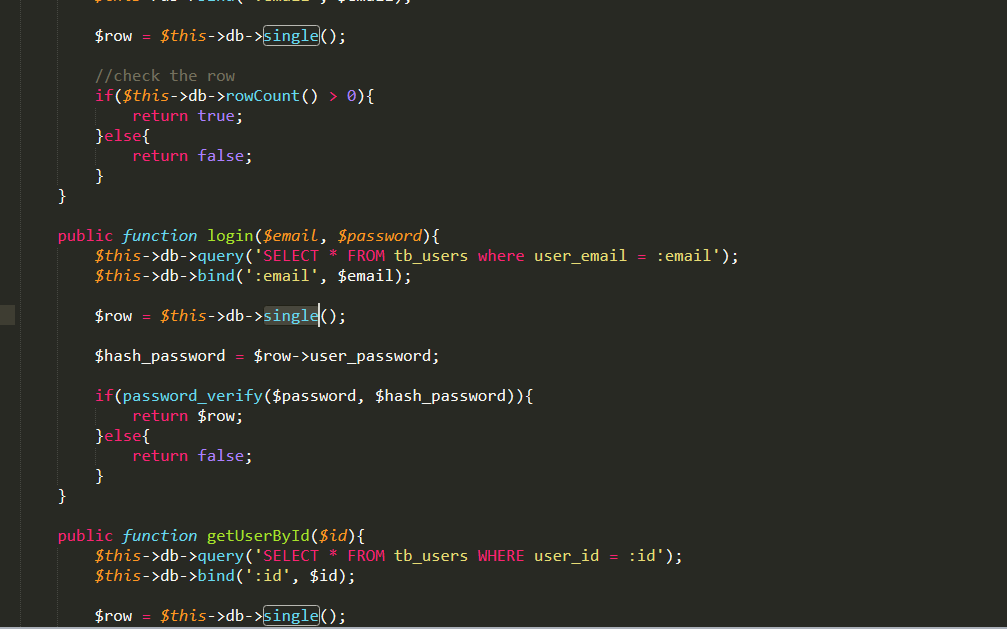
* View :



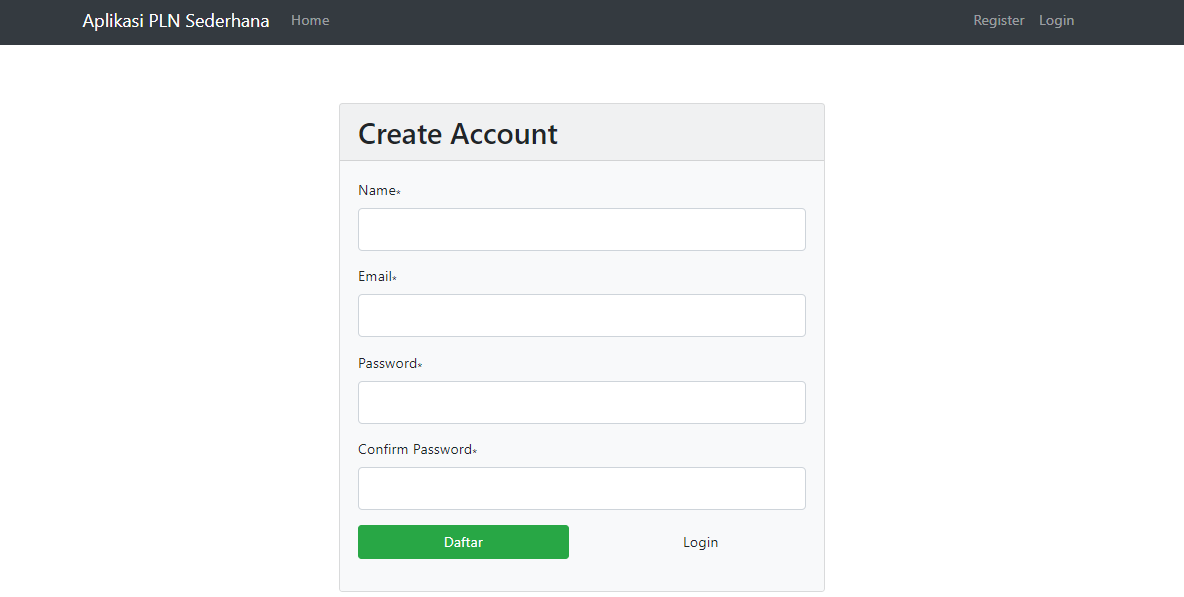
* Control :



* Model



1. Halaman Daftar



Source Code :

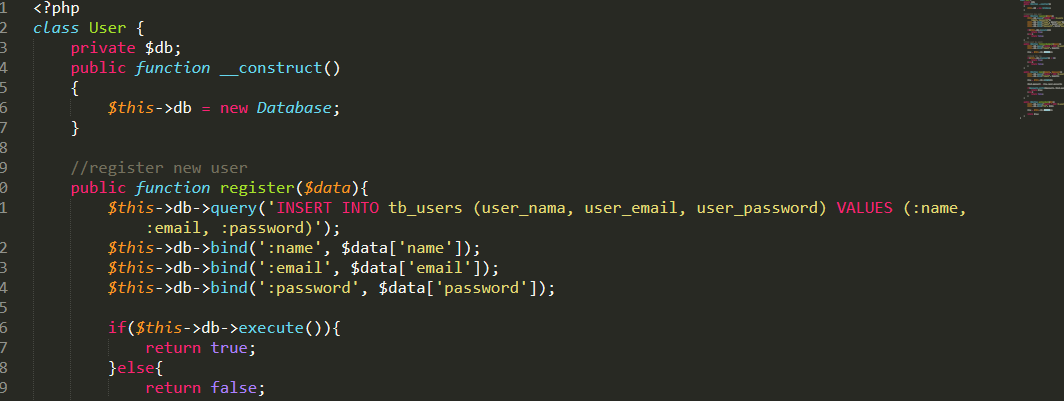
* View



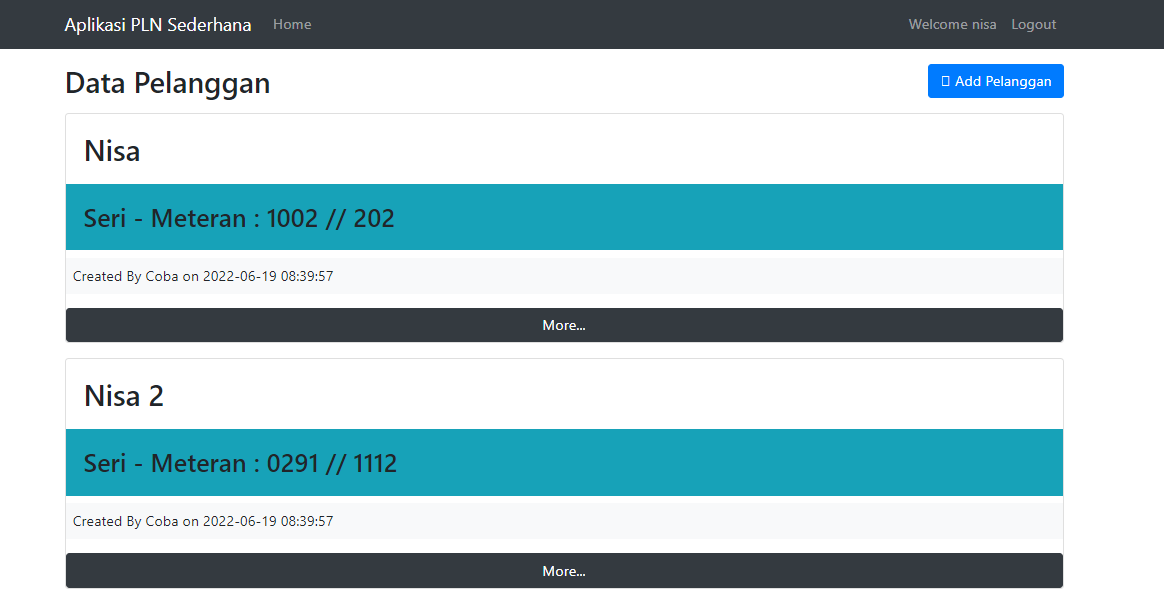
* Control



* Model

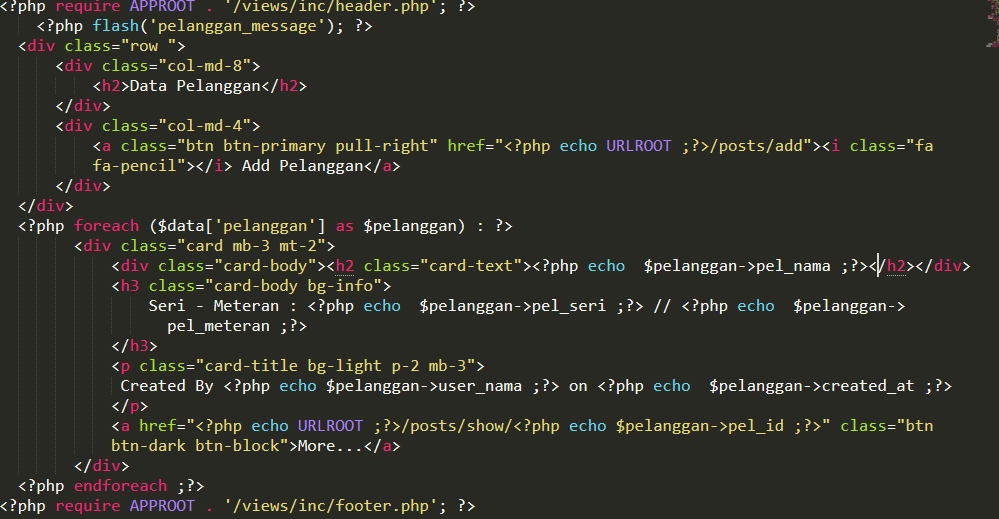


1. Halaman Home **:**

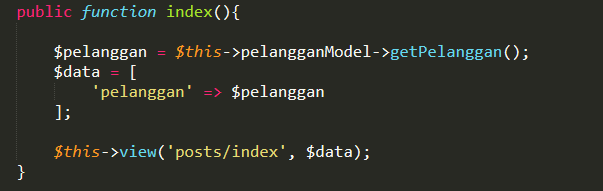


Source Code :

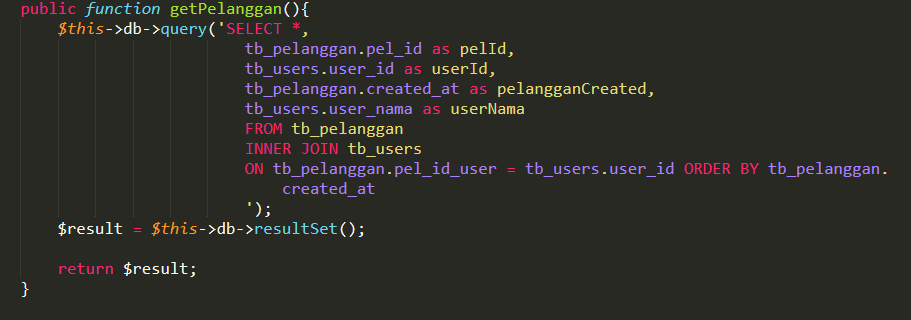
* View



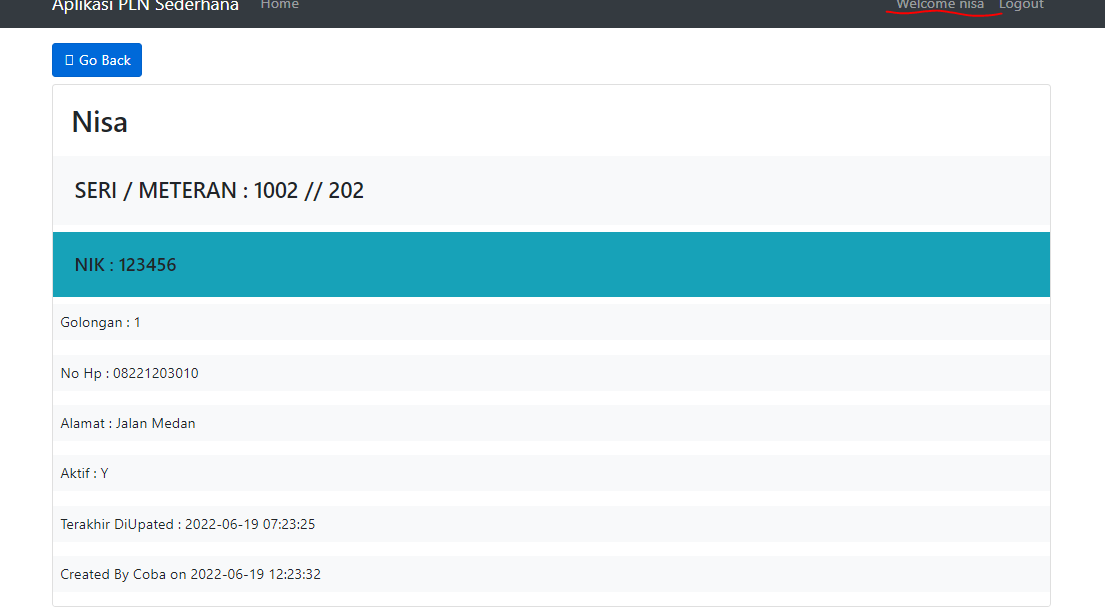
* Control



* Model

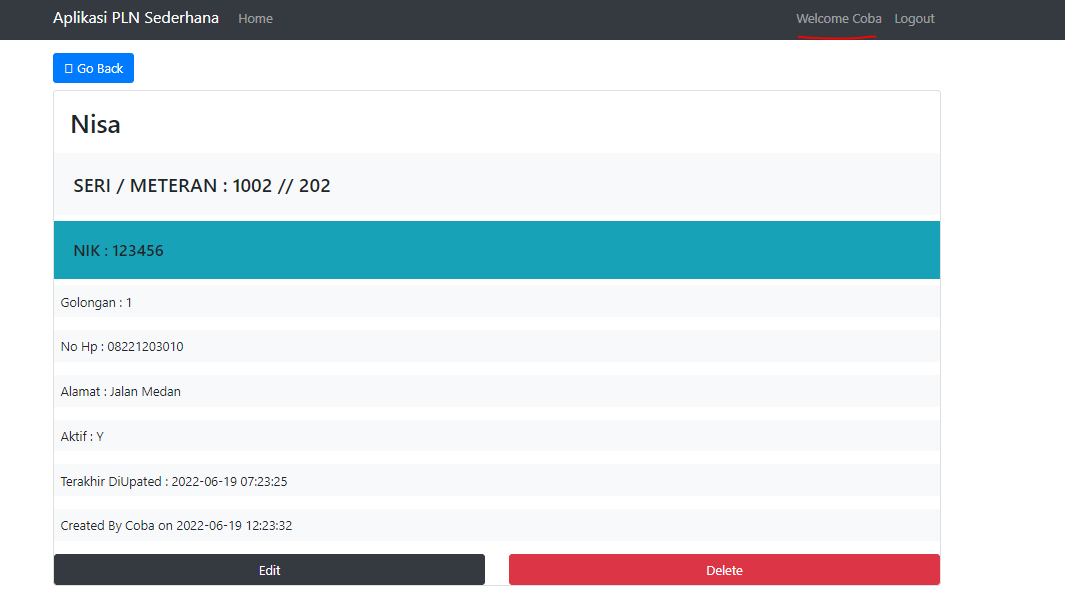


1. Halaman More (Detail Pelanggan)



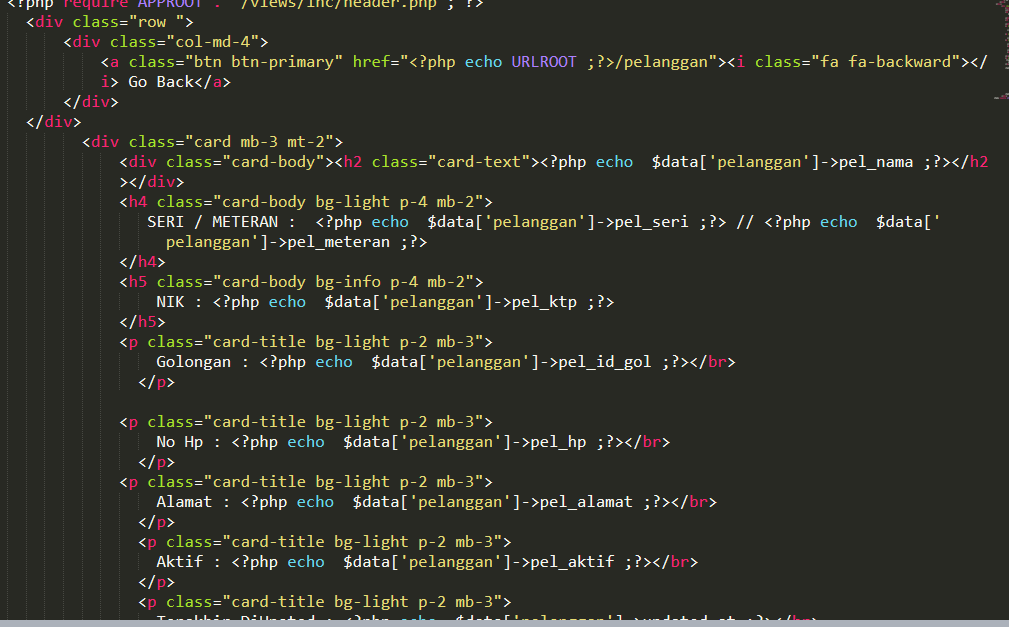
**Note :** Data pelanggan tidak bisa diubah kecuali si penginput data sendiri. Disini saya login sebagai nisa

**Jika Login sebagai COBA maka tampilannya :**

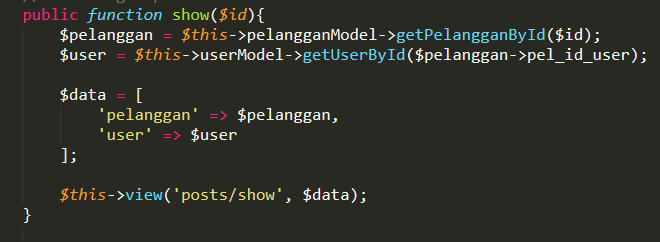


Source Code :

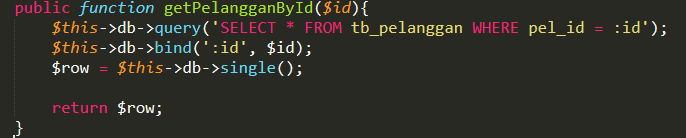
* View



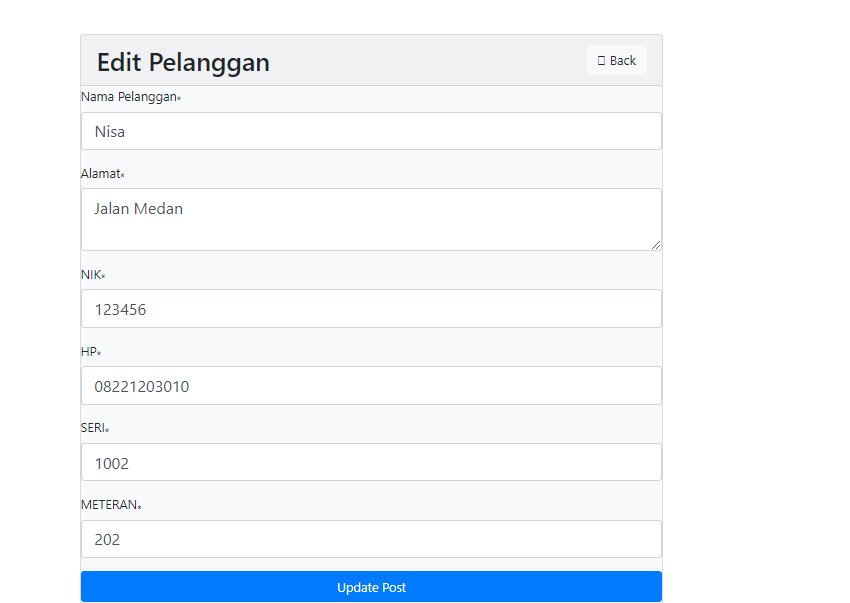
* Control

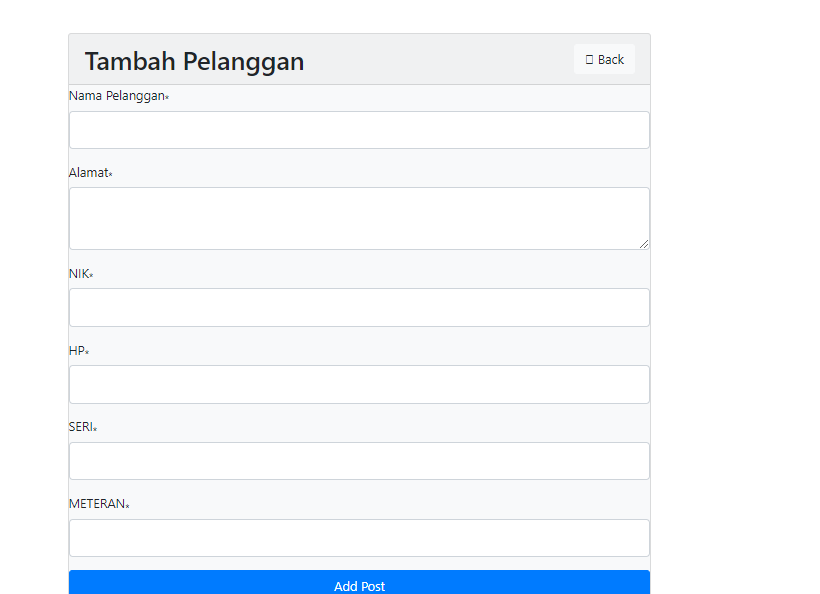


* Model



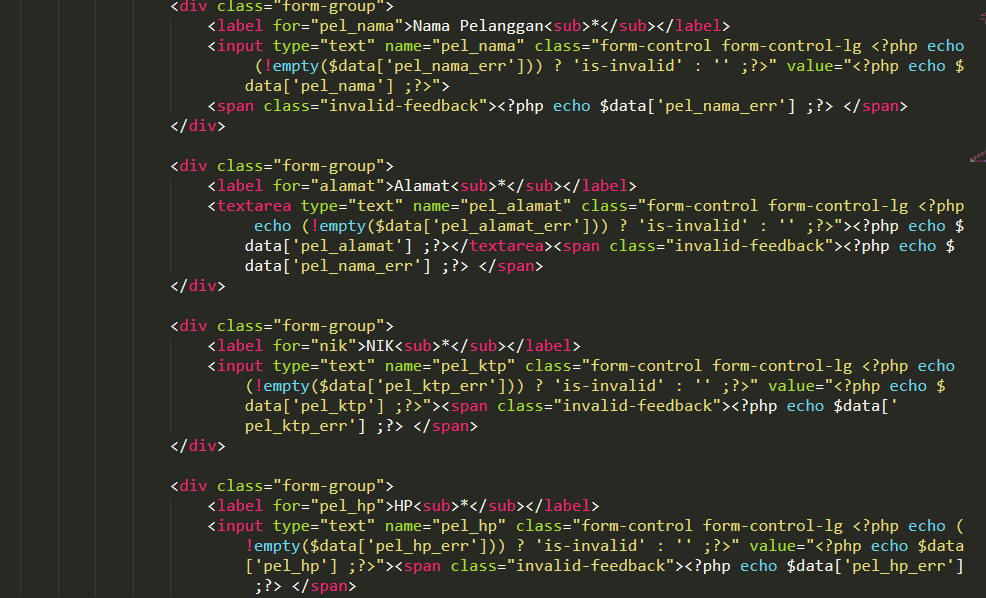
1. Halaman edit & tambah





Source Code :

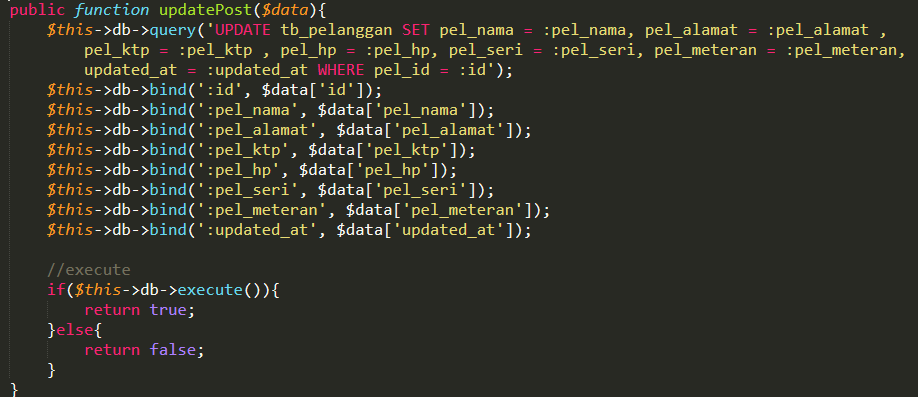
* View



* Control



* Model



Ketika diklik **tambah menu** :