

WHITE BOX TESTING

Kelas:

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Anggota:

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Class Bioskop

- Fungsi tambah()

```
public function tambah(){
    $id_Bioskop = uniqid('BSKP-');
    $nama_bioskop = $this->input->post('nama_bioskop');

    $cekada = $this->bioskop_mod->is_ada($nama_bioskop);
    if ($cekada==true) {
        $config['upload_path']      = './other/asset/bioskop';
        $config['allowed_types']    = 'jpg';
        $config['file_name']        = $id_Bioskop;

        $this->load->library('upload', $config);

        $uploadData = $this->upload->data();

        $bioskop = array(
            'id_bioskop' => $id_Bioskop,
            'nama_bioskop' => $nama_bioskop,
            'no_telp' => $this->input->post('no_telp'),
            'alamat' => $this->input->post('alamat'),
        );
        $this->bioskop_mod->tambah_bioskop($bioskop);
        redirect('admin/admin_Bioskop');
    } else {
        $this->session->set_flashdata('message0', "<li>Nama bioskop sudah terdaftar</li>");
        redirect('admin/tambah_bioskop');
    }
}
```

Cyclomatic Complexity = 2

- Fungsi edit()

```
public function edit($id){
    $id_Bioskop = $id;
    $nama_bioskop = $this->input->post('nama_bioskop');
    $cekada = $this->bioskop_mod->is_ada($nama_bioskop);
    $before = $this->bioskop_mod->get($id_Bioskop);
    if ($cekada==true or $before[nama_bioskop]==$nama_bioskop) {
        $bioskop = array(
            'nama_bioskop' => $this->input->post('nama_bioskop'),
            'no_telp' => $this->input->post('no_telp'),
            'alamat' => $this->input->post('alamat'),
        );
        $x=false;
        if (!isset($_FILES['gambarBioskop']) || $_FILES['gambarBioskop']['error'] == UPLOAD_ERR_NO_FILE) {
        } else {
            unlink("./other/asset/bioskop/".$id_Bioskop.".jpg");

            $config['upload_path']      = './other/asset/bioskop';
            $config['allowed_types']    = 'jpg';
            $config['file_name']        = $id_Bioskop;
            $this->load->library('upload', $config);
            $this->upload->do_upload('gambarBioskop');
            $uploadData = $this->upload->data();
        }

        $this->bioskop_mod->update_bioskop($id_Bioskop, $bioskop);
        redirect('admin/detail_bioskop/'.$id_Bioskop);
    } else {
        $this->session->set_flashdata('message0', "<li>Nama bioskop sudah terdaftar</li>");
        redirect('admin/edit_bioskop/'.$id_Bioskop);
    }
}
```

Cyclomatic Complexity = 3

- Fungsi hapus()

```
public function hapus($id){
    $id_Bioskop = $id;
    $this->bioskop_mod->delete_bioskop($id_Bioskop);
    unlink("../other/asset/bioskop/".$id_Bioskop.".jpg");
    redirect('admin/admin_Bioskop');
}
```

Cyclomatic Complexity = 0

Test Case – Fungsi

Cyclomatic Complexity = 2 + 1 = 3

Jalur

Path1: 1,2,3,5,6

Path2: 1,2,3,4,5,6

Path3: 1,2,6

Def(input.nama_bioskop) = Acer Silverlight, Jaya Baru Silverlight, Central Point Silverlight

Def(input.gambar) = test.jpg, KlpOje.jpg

Asumsi data yg akan diedit adalah data bioskop Snowan Silverlight

Use(input)

input.nama_bioskop : Snowan Silverlight

input.no_telp : 08214814199

input.alamat : Jl. bla4

input.gabar : -

Path1: 1,2,3,5,6 (Valid)

Use(input)

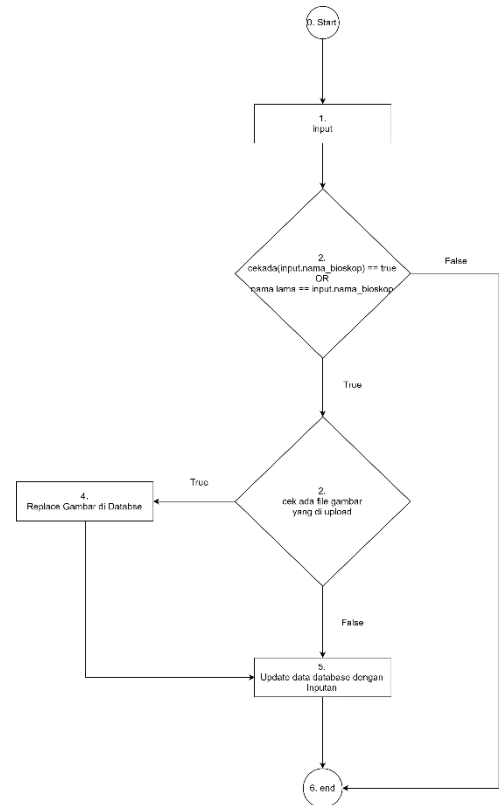
input.nama_bioskop : Jaya Baru silverlight

input.no_telp : 08214814182

input.alamat : Jl. bla9

input.gabar : KlpOje.jpg

Path2: 1,2,3,4,5,6 (Valid)



Asumsi Table bioskop pada database

nama_bioskop	no_telp	alamat
Central Point silverlight	08214814166	Jl. bla1
Snowan Silverlight	0821481417	Jl. Bla2
Black an Yellow Silverlight	0821492910	Jl. Bla8

Use(input)

input.nama_bioskop : Central Point Silverlight

input.no_telp : 08214814182

input.alamat : Jl. bla9

input.gabar : -

Path3: 1,2,6 (Tidak Valid)