

UNIT TESTING

IF-41-05

Anggota:

1301170142 Hilmi Hidayat Arfisko ;
1301174158 Made Adi Widyananda ;
1301174343 Setyo Adji Pratomo ;

Pengujian unit testing menggunakan library unit test dari Code Igniter. Pengujian dilakukan kepada tiga buah class yaitu class Bioskop, class Makmin, dan class Film

Pengujian setiap fungsi pada Class Bioskop

Pengujian untuk Fungsi validate()

```
$validate = $this->validate("initest","082148147155","alamat");  
$hasil = array(0, "");  
$this->unit->run($validate, $hasil, "validate() bioskop testing");
```

Pengujian untuk Fungsi tambah()

```
$tambah = $this->tambah("nama baru","082148147153","alamat",true);  
$hasil2 = array(array('id_bioskop' => "randomly generated", 'nama_bioskop' => "nama baru", 'no_telp' => "082148147153", 'alamat' => "alamat"), "gambar upload = true");  
$this->unit->run($tambah, $hasil2, "tambah() bioskop testing");
```

Pengujian untuk Fungsi edit()

```
$edit = $this->edit("BSKP-5dcbafa23a394","nama baru","082148147153","alamat",true);  
$hasil3 = array(array('nama_bioskop' => "nama baru", 'no_telp' => "082148147153", 'alamat' => "alamat"), 'gambar update');  
$this->unit->run($edit, $hasil3, "edit() bioskop testing");
```

Pengujian untuk Fungsi hapus()

```
$hapus = $this->hapus("BSKP-5dcbafa23a394","yes");  
$this->unit->run($hapus, "Bioskop berhasil dihapus", "hapus() bioskop testing");
```

Hasil Pengujian

Test Name	validate() bioskop testing
Test Datatype	Array
Expected Datatype	Array
Result	Passed
File Name	C:\xampp\htdocs\silverlight\application\controllers\unittest_bioskop.php
Line Number	127
Notes	
Test Name	tambah() bioskop testing
Test Datatype	Array
Expected Datatype	Array
Result	Passed
File Name	C:\xampp\htdocs\silverlight\application\controllers\unittest_bioskop.php
Line Number	131
Notes	
Test Name	edit() bioskop testing
Test Datatype	Array
Expected Datatype	Array
Result	Passed
File Name	C:\xampp\htdocs\silverlight\application\controllers\unittest_bioskop.php
Line Number	135
Notes	
Test Name	hapus() bioskop testing
Test Datatype	String
Expected Datatype	String
Result	Passed
File Name	C:\xampp\htdocs\silverlight\application\controllers\unittest_bioskop.php
Line Number	138
Notes	

Pengujian setiap fungsi pada Class Makmin

Pengujian untuk Fungsi validate()

```
$validate = $this->validate("namaMakmin","iniKeterangan","14000");  
$hasil = array(0, "");  
$this->unit->run($validate, $hasil, "validate() Makmin testing");
```

Pengujian untuk Fungsi tambah()

```
$tambah = $this->tambah("nama baru","iniKeterangan","14000",true);  
$hasil2 = array(array('id_makmin' => "randomly generated", 'nama_makmin' => "nama baru", 'keterangan' => "  
    iniKeterangan", 'harga' => "14000"), "gambar upload = true");  
$this->unit->run($tambah, $hasil2, "tambah() Makmin testing");
```

Pengujian untuk Fungsi edit()

```
$edit = $this->edit("MKN-5dd7e3343dc3b","nama baru","iniKeterangan","14000",false);  
$hasil3 = array(array('id_makmin' => "MKN-5dd7e3343dc3b", 'nama_makmin' => "nama baru", 'keterangan' => "  
    iniKeterangan", 'harga' => "14000"), '');  
$this->unit->run($edit, $hasil3, "edit() Makmin testing");
```

Pengujian untuk Fungsi hapus()

```
$hapus = $this->hapus("MKN-5dd7e3343dc3b","yes");  
$this->unit->run($hapus, "Makmin berhasil dihapus", "hapus() Makmin testing");
```

Hasil Pengujian

Test Name	validate() Makmin testing
Test Datatype	Array
Expected Datatype	Array
Result	Passed
File Name	C:\xampp\htdocs\silverlight\application\controllers\unittest_makmin.php
Line Number	128
Notes	
Test Name	tambah() Makmin testing
Test Datatype	Array
Expected Datatype	Array
Result	Passed
File Name	C:\xampp\htdocs\silverlight\application\controllers\unittest_makmin.php
Line Number	132
Notes	
Test Name	edit() Makmin testing
Test Datatype	Array
Expected Datatype	Array
Result	Passed
File Name	C:\xampp\htdocs\silverlight\application\controllers\unittest_makmin.php
Line Number	136
Notes	
Test Name	hapus() Makmin testing
Test Datatype	String
Expected Datatype	String
Result	Passed
File Name	C:\xampp\htdocs\silverlight\application\controllers\unittest_makmin.php
Line Number	139
Notes	

Pengujian setiap fungsi pada Class Film

Pengujian untuk Fungsi validate()

```
$validate = $this->validate("iniJudul","durasi","sinopsis","inigendre","nama","rating_su","  
https://www.youtube.com/","2019-11-30 - 2019-12-05");  
$hasil = array(0, "");  
$this->unit->run($validate, $hasil, "validate() Film testing");
```

Pengujian untuk Fungsi tambah()

```
$tambah = $this->tambah("iniJudul","durasi","sinopsis","inigendre","nama","rating_su","  
https://www.youtube.com/","2019-11-30 - 2019-12-05", true,true,true,true);  
$hasil2 = array(array('id_film' => "randomly generated", 'judul' => "iniJudul", 'durasi' => "durasi", '  
sinopsis' => "sinopsis", 'gendre' => "inigendre", 'sutradara' => "nama", 'rating' => "rating_su", '  
link_trailer' => "https://www.youtube.com/", 'rilis_start' => '2019-11-30', 'rilis_end' => '2019-12-05'), "  
poster,gambar1,gambar2,gambar3 upload = true");  
$this->unit->run($tambah, $hasil2, "tambah() Film testing");
```

Pengujian untuk Fungsi edit()

```
$edit = $this->edit("FLM-5dcccfe056c909","iniJudul","durasi","sinopsis","inigendre","nama","rating_su","  
https://www.youtube.com/","2019-11-30 - 2019-12-05", false,false,false,true);  
$hasil3 = array(array('id_film' => "FLM-5dcccfe056c909", 'judul' => "iniJudul", 'durasi' => "durasi", 'sinopsis'  
' => "sinopsis", 'gendre' => "inigendre", 'sutradara' => "nama", 'rating' => "rating_su", 'link_trailer' => "  
https://www.youtube.com/", 'rilis_start' => '2019-11-30', 'rilis_end' => '2019-12-05'), "gambar3, Update");  
$this->unit->run($edit, $hasil3, "edit() testing");
```

Pengujian untuk Fungsi hapus()

```
$hapus = $this->hapus("FLM-5dcccfe056c909","yes");  
$this->unit->run($hapus, "Film berhasil dihapus", "hapus() Film testing");
```

Hasil Pengujian

Test Name	validate() Film testing
Test Datatype	Array
Expected Datatype	Array
Result	Passed
File Name	C:\xampp\htdocs\silverlight\application\controllers\unittest_film.php
Line Number	204
Notes	
Test Name	tambah() Film testing
Test Datatype	Array
Expected Datatype	Array
Result	Passed
File Name	C:\xampp\htdocs\silverlight\application\controllers\unittest_film.php
Line Number	208
Notes	
Test Name	edit() testing
Test Datatype	Array
Expected Datatype	Array
Result	Passed
File Name	C:\xampp\htdocs\silverlight\application\controllers\unittest_film.php
Line Number	212
Notes	
Test Name	hapus() Film testing
Test Datatype	String
Expected Datatype	String
Result	Passed
File Name	C:\xampp\htdocs\silverlight\application\controllers\unittest_film.php
Line Number	215
Notes	