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| **Document Name** | **Version** | **Status** | **Date** | **Viewable** | **Editable** | **Response** |
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# Chapter 1 | Introduction

This test approach document describes the appropriate strategies, process, workflows and methodologies used to plan, organize, execute and manage testing of promotion provider.

## 1.1 Purpose

The purpose of Test Record document is to evaluate the testing record for the promotion provider. In this document consists the description of testing, expected result, actual output and the responsibility in testing process in order to control the software quality.

## 1.2 Dependency documents

* Promotion provider\_Project Plan\_1.0
* Promotion provider\_SRS\_1.0
* Promotion provider\_SDD\_1.0
* Promotion provider\_Test Plan\_1.0
* Promotion provider\_Traceability Record\_1.0

# Chapter 2 | Test Deliverable

## Unit test record

**Class:** AccountDAOImpl

***Unit Test Case 1 (UTC01):***

doLogin(email:String, password:String): AccountInfo

**Description:**

This test case is for evaluating the result of procedure when user log in to system. System  
will find matching email and password in database then return matched as AccountInfo object.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in Accounts table at appendix A

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | Email : admin1@gmail.com, Password: 1234 | Object(AccountInfo)[accountId: 2, email: admin@wap.com, password: 1234, role: admin, join\_date: 2015-06-19, status: 1] | Object(AccountInfo)[accountId: 2, email: admin@wap.com, password: 1234, role: admin, join\_date: 2015-06-19, status: 1] |
| 2 | Email : admin1@gmail.com, Password: 1111 | null | null |
| 3 | Email : test@wap.com, Password: test | null | null |
| 4 | Email : admin, Password: 1234 | null | null |

**Class:** AccountDAOImpl

***Unit Test Case 2 (UTC02):***

addNewAccount(accountinfo:AccountInfo): Int

**Description:**

This test case is for evaluating the result of procedure when add new account into database then system will return data id from database

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in Accounts table at appendix A

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | accountId: null,  Email: warmup@wap.com, Password: 1234, role: user, status: 1 | Return ID: 6 | Return ID: 6 |
| 2 | accountId: null,  Email : hey@wap.com, Password: 1111, role: user, status: 1 | Return ID: 7 | Return ID: 7 |
| 3 | accountId: null,  Email : ohman@wap.com, Password: 4321, role: user, status: 1 | Return ID: 8 | Return ID: 8 |
| 4 | accountId: null,  Email : wish@wap.com, Password: null, role: null, status: null | Return ID: null | Return ID: null |

**Class:** AccountDAOImpl

***Unit Test Case 3 (UTC03):***

getAccountById(id:Int): AccountInfo

**Description:**

This test case is for evaluating the result of procedure when gather account by using id. System will find account in database where id is equal to inputted id.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in Accounts table at appendix A

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | accountId: 2 | Object(AccountInfo)[accountId: 10, email: admin1@wap.com, password: 81dc9bdb52d04dc20036dbd8313ed055, role: admin, join\_date: 2015-06-19, status: 1] | Object(AccountInfo)[accountId: 10, email: admin1@wap.com, password: 81dc9bdb52d04dc20036dbd8313ed055, role: admin, join\_date: 2015-06-19, status: 1] |
| 2 | accountId: 3 | Object(AccountInfo)[accountId: 10, email: admin2@wap.com, password: 81dc9bdb52d04dc20036dbd8313ed055, role: admin, join\_date: 2015-06-19, status: 1] | Object(AccountInfo)[accountId: 10, email: admin2@wap.com, password: 81dc9bdb52d04dc20036dbd8313ed055, role: admin, join\_date: 2015-06-19, status: 1] |
| 3 | accountId: 4 | Object(AccountInfo)[accountId: 10, email: admin3@wap.com, password: 81dc9bdb52d04dc20036dbd8313ed055, role: admin, join\_date: 2015-06-19, status: 1] | Object(AccountInfo)[accountId: 10, email: admin3@wap.com, password: 81dc9bdb52d04dc20036dbd8313ed055, role: admin, join\_date: 2015-06-19, status: 1] |
| 4 | accountId: 100 | null | null |

**Class:** AccountDAOImpl

***Unit Test Case 4 (UTC04):***

getAccountByEmail(email:String): AccountInfo

**Description:**

This test case is for evaluating the result of procedure when gather account by using email. System will find account in database where email is equal to inputted email.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in Accounts table at appendix A

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | Email : nettanawat@gmail.com | Object(AccountInfo)[accountId: 1, email: nettanawat@gmail.com, password: c09e487ab20c68cdc5c21dce226b0426, role: admin, join\_date: 2015-06-19, status: 1] | Object(AccountInfo)[accountId: 1, email: nettanawat@gmail.com, password: c09e487ab20c68cdc5c21dce226b0426, role: admin, join\_date: 2015-06-19, status: 1] |
| 2 | Email : admin1@gmail.com | Object(AccountInfo)[accountId: 10, email: admin1@wap.com, password: 81dc9bdb52d04dc20036dbd8313ed055, role: admin, join\_date: 2015-06-19, status: 1] | Object(AccountInfo)[accountId: 10, email: admin1@wap.com, password: 81dc9bdb52d04dc20036dbd8313ed055, role: admin, join\_date: 2015-06-19, status: 1] |
| 3 | Email : wishmeluck@gmail | null | null |
| 4 | Email : admin | null | null |

**Class:** AccountDAOImpl

***Unit Test Case 5 (UTC05):***

getAllAccount(): List<AccountInfo>

**Description:**

This test case is for evaluating the result of procedure when gather all account. System will show all account in database.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in Accounts table at appendix A

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | - | 10 | 10 |

**Class:** AccountDAOImpl

***Unit Test Case 6 (UTC06):***

changePassword(id:int, password:String): Boolean

**Description:**

This test case is for evaluating the result of procedure when user change password. System will update new password into database.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in Accounts table at appendix A

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | accountId: 1,  Password: 4411 | 1 | 1 |
| 2 | accountId: 14,  Password: 6589 | 1 | 1 |
| 3 | accountId: 100,  Password: 1234 | null | null |
| 4 | accountId: -100,  Password: 4444 | null | null |

**Class:** AccountDAOImpl

***Unit Test Case 7 (UTC07):***

deleteAccount(id:int): int

**Description:**

This test case is for evaluating the result of procedure when delete account from database then system will return number of deleted row (1).

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in Accounts table at appendix A

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | accountId: 13 | 1 | 1 |
| 2 | accountId: 76 | 1 | 1 |
| 3 | accountId: 235 | null | null |
| 4 | accountId: 100 | null | null |

**Class:** PromotionDAOImpl

***Unit Test Case 8 (UTC08):***

addNewPromotion(promotion:Promotion): int

**Description:**

This test case is for evaluating the result of procedure when add new promotion into database then system will return promotion id.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in Promotions table at appendix B

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | shopId: 6,  name: Friday special !!, description: Breakfast buffet 150.- for each,  shared: null,  startDate: 2015-07-23,  endDate: 2015-07-31,  status: 1, | 1 | 1 |
| 2 | shopId: 7,  name: Get a FREE order of Dog pretzel,  description: with the purchase of a Green mint mocha,  shared: null,  startDate: 2015-08-01,  endDate: 2015-08-09,  status: 1, | 2 | 2 |
| 3 | shopId: 8,  name: Show student card for a special 10% discount,  description: Not to be used in conjunction with other voucher,  shared: null,  startDate: 2015-08-18,  endDate: 2015-09-09,  status: 1, | 3 | 3 |
| 4 | shopId: 100,  name: FREE coffee or tea,  description: 3pm – 6pm (Everyday) With any order on our menu + dessert menu,  shared: null,  startDate: 2015-07-28,  endDate: 2015-09-28,  status: 1, | null | null |

**Class:** PromotionDAOImpl

***Unit Test Case 9 (UTC09):***

deletePromotionByPromotionId(id:int): int

**Description:**

This test case is for evaluating the result of procedure when delete promotion by using promotion id then system will return number of deleted row.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in Promotions table at appendix B

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | id: 1 | 1 | 1 |
| 2 | id: 2 | 1 | 1 |
| 3 | id: 33 | null | null |

**Class:** PromotionDAOImpl

***Unit Test Case 10 (UTC10):***

deletePromotionByShopId(shopId:int): int

**Description:**

This test case is for evaluating the result of procedure when delete promotion by using shop id then system will return number of deleted row.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in Promotions table at appendix B

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | shopId: 6 | 1 | 1 |
| 2 | shopId: 7 | 3 | 3 |
| 3 | shopId: 1004 | null | null |

**Class:** PromotionDAOImpl

***Unit Test Case 11 (UTC11):***

getAllPromotion(): List<Promotion>

**Description:**

This test case is for evaluating the result of procedure when gather all promotion in database then system will return list of promotion.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in Promotions table at appendix B

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | - | 5 | 5 |

**Class:** PromotionDAOImpl

***Unit Test Case 12 (UTC12):***

getPromotionById(id:int): Promotion

**Description:**

This test case is for evaluating the result of procedure when gather promotion by using promotion id then system will return promotion information.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in Promotions table at appendix B

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | id: 1 | Object(Promotion)[id: 1, shop\_id: 6,  name: Friday special,  description: Breakfast buffet 150.- for each,  shared: null,  start\_date: 2015-07-23,  end\_date: 2015-07-31,  status: 1] | Object(Promotion)[id: 1, shop\_id: 6,  name: Friday special,  description: Breakfast buffet 150.- for each,  shared: null,  start\_date: 2015-07-23,  end\_date: 2015-07-31,  status: 1] |
| 2 | id: 2 | Object(Promotion)[id: 1, shop\_id: ,  name: Get a FREE order of Dog pretzel,  description: with the purchase of a Green mint mocha,  shared: null,  start\_date: 2015-08-01,  end\_date: 2015-08-09,  status: 1] | Object(Promotion)[id: 1, shop\_id: ,  name: Get a FREE order of Dog pretzel,  description: with the purchase of a Green mint mocha,  shared: null,  start\_date: 2015-08-01,  end\_date: 2015-08-09,  status: 1] |
| 3 | id: 33 | null | null |

**Class:** PromotionDAOImpl

***Unit Test Case 13 (UTC13):***

editPromotion(promotion:Promotion): int

**Description:**

This test case is for evaluating the result of procedure when edit promotion information then system will update promotion information into database.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in Promotions table at appendix A

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | name: Get a FREE order of Dog pretzel,  description: with the purchase of a beverage menu,  startDate: 2015-08-01,  endDate: 2015-08-09 | 1 | 1 |
| 2 | name: Show student card for a special 15% discount,  description: Not to be used in conjunction with other voucher,  startDate: 2015-08-18,  endDate: 2015-09-09 | 1 | 1 |
| 3 | name: FREE coffee or tea,  description: 3pm – 6pm (Everyday)  With any order on our menu + dessert menu,  startDate: 2015-07-28,  endDate: 2015-08-28 | null | null |

**Class:** PromotionDAOImpl

***Unit Test Case 14 (UTC14):***

getPromotionByShopId(id:int): List<Promotion>

**Description:**

This test case is for evaluating the result of procedure when gather promotion by using shop id then system will return list of promotion.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in Promotions table at appendix B

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | id: 3 | Number promotion: 2 | Number promotion: 2 |
| 2 | id: 45 | null | null |
| 3 | id: 253 | null | null |

**Class:** PromotionImageDAOImpl

***Unit Test Case 15 (UTC15):***

addImage(prmotionImage:PromotionImage): int

**Description:**

This test case is for evaluating the result of procedure when add new promotion image into database then system will return promotion id.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in PromotionImage table at appendix C

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | Promotion\_id: 16,  Image\_path: user\_upload/16/shop\_images/amazon.jpg,  add\_date: 2015-07-23 15:11:24 | 1 | 1 |
| 2 | Promotion\_id: 16,  Image\_path: user\_upload/16/shop\_images/sale.jpg,  add\_date: 2015-07-23 15:11:24 | 2 | 2 |
| 3 | Promotion\_id: 21,  Image\_path: user\_upload/21/shop\_images/wanilla.jpg,  add\_date: 2015-07-23 18:41:32 | 3 | 3 |
| 4 | Promotion\_id: 100,  Image\_path: user\_upload/100/shop\_images/ latte.jpg,  add\_date: 2015-07-23 18:45:52 | null | null |

**Class:** PromotionImageDAOImpl

***Unit Test Case 16 (UTC16):***

getImageByPromotionId(prmotionId:int): List<PromotionImage>

**Description:**

This test case is for evaluating the result of procedure when gather promotion image by using promotion id then system will return list of promotion image.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in PromotionImage table at appendix C

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | Promotion\_id: 16 | Number of promotion image: 2 | Number of promotion image: 2 |
| 2 | Promotion\_id: 21 | Number of promotion image: 1 | Number of promotion image: 1 |
| 3 | Promotion\_id: 3 | null | null |
| 4 | Promotion\_id: 100 | null | null |

**Class:** PromotionImageDAOImpl

***Unit Test Case 17 (UTC17):***

getImageById(id:int): PromotionImage

**Description:**

This test case is for evaluating the result of procedure when gather promotion image by using image id then system will return promotion information.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in PromotionImage table at appendix C

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | id: 1 | Object(PromotionImage)[id: 1, promotion\_id 16: ,  Image\_path: : user\_upload/16/shop\_images/amazon.jpg,  add\_date: 2015-07-23 15:11:24] | Object(PromotionImage)[id: 1, promotion\_id 16: ,  Image\_path: : user\_upload/16/shop\_images/amazon.jpg,  add\_date: 2015-07-23 15:11:24] |
| 2 | id: 2 | Object(PromotionImage)[id: 2, promotion\_id 16: ,  Image\_path: : user\_upload/16/shop\_images/sale.jpg,  add\_date: 2015-07-23 15:11:24] | Object(PromotionImage)[id: 2, promotion\_id 16: ,  Image\_path: : user\_upload/16/shop\_images/sale.jpg,  add\_date: 2015-07-23 15:11:24] |
| 3 | id: 1009 | null | null |
| 4 | id: 103 | null | null |

**Class:** PromotionImageDAOImpl

***Unit Test Case 18 (UTC18):***

deleteImageByPromotionId(promotionId:int): int

**Description:**

This test case is for evaluating the result of procedure when delete image by using promotion id then system will return number of deleted row.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in PromotionImage table at appendix C

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | promotion\_id: 1 | 2 | 2 |
| 2 | promotion\_id: 2 | 1 | 1 |
| 3 | promotion\_id: 19 | null | null |
| 4 | promotion\_id: 23 | null | null |

**Class:** PromotionImageDAOImpl

***Unit Test Case 19 (UTC19):***

deleteImageById(promotionId:int): int

**Description:**

This test case is for evaluating the result of procedure when delete image by using image id then system will return number of deleted row.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in PromotionImage table at appendix C

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | id: 1 | 1 | 1 |
| 2 | id: 2 | 1 | 1 |
| 3 | id: 100 | null | null |
| 4 | id: 80 | null | null |

**Class:** ShopImageDAOImpl

***Unit Test Case 20 (UTC20):***

addImage(shopImage:ShopImage): int

**Description:**

This test case is for evaluating the result of procedure when add shop image into database. System will return image id.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in ShopImage table at appendix E

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | Shop id: 6, Image path: user\_upload/6/shop\_images/cookies.png, add date: 2015-07-03 | 1 | 1 |
| 2 | Shop id: 7, Image path: Xxxasdad34234, add date: 2015-07-03 | 1 | 1 |
| 3 | Shop id: 78, Image path: user\_upload/78/shop\_images/cookies.png, add date: 2015-07-03 | null | null |
| 4 | Shop id: 100, Image path: user\_upload/100/shop\_images/cookies.png, add date: 2015-07-03 | null | null |

**Class:** ShopImageDAOImpl

***Unit Test Case 21 (UTC21):***

deleteImageByShopId(shopId:int): int

**Description:**

This test case is for evaluating the result of procedure when delete shop image from database by using shop id. System will return number of deleted row.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in ShopImage table at appendix E

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | shopId: 6 | 1 | 1 |
| 2 | shopId: 7 | 1 | 1 |
| 3 | shopId: 100 | null | null |
| 4 | shopId: 2885 | null | null |

**Class:** ShopImageDAOImpl

***Unit Test Case 22 (UTC22):***

getImageByAccountId(accountId:int): List<ShopImage>

**Description:**

This test case is for evaluating the result of procedure when get shop image from database by using account id then system will return list of shop image.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in ShopImage table at appendix E

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | 6 | Number of ShopImage: 2 | Number of ShopImage: 2 |
| 2 | 7 | Number of ShopImage: 1 | Number of ShopImage: 1 |
| 3 | 8 | null | null |
| 4 | 250 | null | null |

**Class:** ShopImageDAOImpl

***Unit Test Case 23 (UTC23):***

deleteImageById(id:int): int

**Description:**

This test case is for evaluating the result of procedure when delete shop image from database by using image id. System will return number of deleted row.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in ShopImage table at appendix E

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | id: 1 | 1 | 1 |
| 2 | id: 2 | 1 | 1 |
| 3 | id: 100 | null | null |
| 4 | id: 250 | null | null |

**Class:** ShopImageDAOImpl

***Unit Test Case 24 (UTC24):***

getImageById(id:int): ShopImage

**Description:**

This test case is for evaluating the result of procedure when gather shop image from database by using image id then system will return shop image information.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in ShopImage table at appendix E

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | id: 1 | Object(ShopImage)  [id: 1, shop\_id:6 ,  image\_path: user\_upload/6/shop\_images/cookies.png,  added\_date: 2015-07-03 ] | Object(ShopImage)  [id: 1, shop\_id:6 ,  image\_path: user\_upload/6/shop\_images/cookies.png,  added\_date: 2015-07-03 ] |
| 2 | id: 2 | Object(ShopImage)  [id: 2, shop\_id: 7,  image\_path: Xxxasdad34234,  added\_ date: 2015-07-03] | Object(ShopImage)  [id: 2, shop\_id: 7,  image\_path: Xxxasdad34234,  added\_ date: 2015-07-03] |
| 3 | id: 85 | null | null |
| 4 | id: 100 | null | null |

**Class:** ShopInformationDAOImpl

***Unit Test Case 25 (UTC25):***

addNewShopInformation(shopInformation:ShopInformation): int

**Description:**

This test case is for evaluating the result of procedure when add new shop information into database then system will return number of shop id.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in ShopInformation table at appendix D

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | accounts\_id: 6,  name: Coffee smith,  address: 40 Nimmarnhemin Rd., T.Suthep, A.Muang,, Chiang Mai, 50200,  phone\_number: 053 400 289,  sub\_district: 1,  latitude: 18.7979711671,  longitude: 98.9663887024,  open\_time: Everyday from 6.00PM – 12.00AM,  description: Our coffee shop is one of the best place in Chiang mai,  category: null | 6 | 6 |
| 2 | accounts\_id: 7,  name: Hey,  address: 40 Nimmarnhemin Rd., T.Suthep, A.Muang,, Chiang Mai, 50200,  phone\_number: 053 400 289,  sub\_district: 1,  latitude: 18.7979711671,  longitude: 98.9663887024,  open\_time: Everyday from 6.00PM – 12.00AM,  description: Our coffee shop is one of the best place in Chiang mai,  category: null | 7 | 7 |
| 3 | accounts\_id: 8,  name: Oh man,  address: 40 Nimmarnhemin Rd., T.Suthep, A.Muang,, Chiang Mai, 50200,  phone\_number: 053 400 289,  sub\_district: 1,  latitude: 18.7979711671,  longitude: 98.9663887024,  open\_time: Everyday from 6.00PM – 12.00AM,  description: Our coffee shop is one of the best place in Chiang mai,  category: null | 8 | 8 |
| 4 | accounts\_id: 100,  name: Test add,  address: 40 Nimmarnhemin Rd., T.Suthep, A.Muang,, Chiang Mai, 50200,  phone\_number: 053 400 289,  sub\_district: 1,  latitude: 18.7979711671,  longitude: 98.9663887024,  open\_time: Everyday from 6.00PM – 12.00AM,  description: Our coffee shop is one of the best place in Chiang mai,  category: null | null | null |

**Class:** ShopInformationDAOImpl

***Unit Test Case 26 (UTC26):***

deleteShopInformation(id:int): int

**Description:**

This test case is for evaluating the result of procedure when delete shop information from database by using id then system will return number of deleted row.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in ShopInformation table at appendix D

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | 6 | 1 | 1 |
| 2 | 7 | 1 | 1 |
| 3 | 8 | 1 | 1 |
| 4 | 100 | null | null |

**Class:** ShopInformationDAOImpl

***Unit Test Case 27 (UTC26):***

editShopInformation(shopInformation:ShopInformation): int

**Description:**

This test case is for evaluating the result of procedure when edit shop information then system will update and return shop id.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in ShopInformation table at appendix D

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | accounts\_id: 6,  name: Coffee smith nimman,  address: 40 Nimmarnhemin Rd., T.Suthep, A.Muang,, Chiang Mai, 50200,  phone\_number: 053 400 289,  sub\_district: 1,  latitude: 18.7979711671,  longitude: 98.9663887024,  open\_time: Everyday from 6.00PM – 12.00AM,  description: Our coffee shop is one of the best place in Chiang mai,  category: null | 1 | 1 |
| 2 | accounts\_id: 6,  name: Hey yo,  address: 40 Nimmarnhemin Rd., T.Suthep, A.Muang,, Chiang Mai, 50200,  phone\_number: 053 400 289,  sub\_district: 1,  latitude: 18.7979711671,  longitude: 98.9663887024,  open\_time: Everyday from 6.00PM – 12.00AM,  description: Our coffee shop is one of the best place in Chiang mai,  category: null | 1 | 1 |
| 3 | accounts\_id: 6,  name: Oh mannnn,  address: 40 Nimmarnhemin Rd., T.Suthep, A.Muang,, Chiang Mai, 50200,  phone\_number: 053 400 289,  sub\_district: 1,  latitude: 18.7979711671,  longitude: 98.9663887024,  open\_time: Everyday from 6.00PM – 12.00AM,  description: Our coffee shop is one of the best place in Chiang mai,  category: null | 1 | 1 |
| 4 | accounts\_id: 100,  name: Warm up cafe,  address: 43 Nimmarnhemin Rd., T.Suthep, A.Muang,, Chiang Mai, 50200,  phone\_number: 053 656 676,  sub\_district: 4,  latitude: 18.7951095,  longitude: 98.9650533,  open\_time: All time no close,  description: This is description,  category: null | null | null |

**Class:** ShopInformationDAOImpl

***Unit Test Case 28 (UTC28):***

getAllShopInformation(): List<shopInformation>

**Description:**

This test case is for evaluating the result of procedure when gather all shop information then system will return list of shop information.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in ShopInformation table at appendix D

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | - | Number of shop information in database: 3 | Number of shop information in database: 3 |

**Class:** ShopInformationDAOImpl

***Unit Test Case 29 (UTC29):***

getShopInformationById(id:int): ShopInformation

**Description:**

This test case is for evaluating the result of procedure when gather shop information from database by using shop id then system will return shop information.

**Responsibility:**

Tanawat

**Test Date:**

27 July 2015

**Test Data:**

Test data is available in ShopInformation table at appendix D

**Test Case:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id** | **Input** | **Expected result** | **Actual result** |
| 1 | 6 | Object(ShopInformation)  [accounts\_id: 6,  name: Coffee smith,  address: 40 Nimmarnhemin Rd., T.Suthep, A.Muang,, Chiang Mai, 50200,  phone\_number: 053 400 289,  sub\_district: 1,  latitude: 18.7979711671,  longitude: 98.9663887024,  open\_time: Everyday from 6.00PM – 12.00AM,  description: Our coffee shop is one of the best place in Chiang mai,  category: null] | Object(ShopInformation)  [accounts\_id: 10,  name: Coffe smith,  address: 40 Nimmarnhemin Rd., T.Suthep, A.Muang,, Chiang Mai, 50200,  phone\_number: 053 400 289,  sub\_district: 1,  latitude: 18.7979711671,  longitude: 98.9663887024,  open\_time: Everyday from 6.00PM – 12.00AM,  description: Our coffee shop is one of the best place in Chiang mai,  category: null] |
| 2 | 7 | Object(ShopInformation)  [accounts\_id: 7,  name: Hey yo,  address: 40 Nimmarnhemin Rd., T.Suthep, A.Muang,, Chiang Mai, 50200,  phone\_number: 053 400 289,  sub\_district: 1,  latitude: 18.7979711671,  longitude: 98.9663887024,  open\_time: Everyday from 6.00PM – 12.00AM,  description: Our coffee shop is one of the best place in Chiang mai,  category: null] | Object(ShopInformation)  [accounts\_id: 7,  name: Hey yo,  address: 40 Nimmarnhemin Rd., T.Suthep, A.Muang,, Chiang Mai, 50200,  phone\_number: 053 400 289,  sub\_district: 1,  latitude: 18.7979711671,  longitude: 98.9663887024,  open\_time: Everyday from 6.00PM – 12.00AM,  description: Our coffee shop is one of the best place in Chiang mai,  category: null] |
| 3 | 8 | Object(ShopInformation)  [accounts\_id: 8,  name: Oh man,  address: 40 Nimmarnhemin Rd., T.Suthep, A.Muang,, Chiang Mai, 50200,  phone\_number: 053 400 289,  sub\_district: 1,  latitude: 18.7979711671,  longitude: 98.9663887024,  open\_time: Everyday from 6.00PM – 12.00AM,  description: Our coffee shop is one of the best place in Chiang mai,  category: null] | Object(ShopInformation)  [accounts\_id: 8,  name: Oh man,  address: 40 Nimmarnhemin Rd., T.Suthep, A.Muang,, Chiang Mai, 50200,  phone\_number: 053 400 289,  sub\_district: 1,  latitude: 18.7979711671,  longitude: 98.9663887024,  open\_time: Everyday from 6.00PM – 12.00AM,  description: Our coffee shop is one of the best place in Chiang mai,  category: null] |
| 4 | 100 | null | null |

# Appendix

## Appendix A

### Accounts table

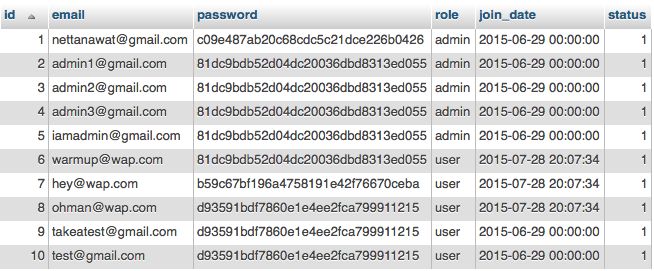


Figure 6.: Accounts table

## Appendix B

### Promotions table

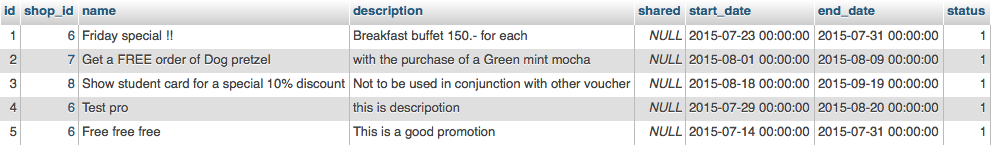


Figure 6.: Promotions table

## Appendix C

### PromotionImage table

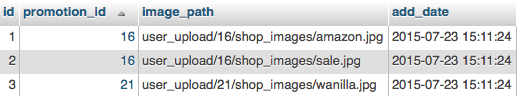


Figure 6.: PromotionImage table

## Appendix D

### ShopInformation table

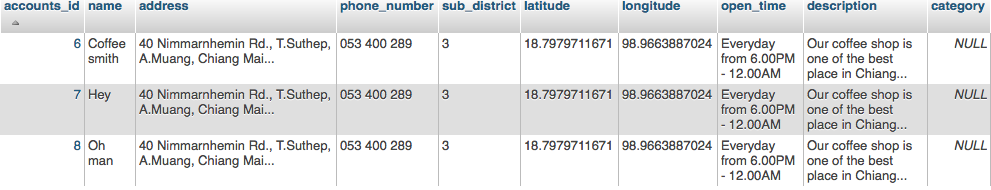


Figure 6.: ShopInformation table

## Appendix E

### ShopImage table

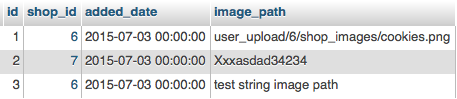


Figure 6.: ShopImage table