

Document History						
Document Name	Version	Status	Date	Viewable	Editable	Response
Promotion Provider_Test Record_0.1	Promotion Provider_Test Record_0.1 Added - Introduction - Test Deliverable	Draft	20-07-2015	TS, NC, PS	TS, NC	TS
Promotion Provider_Test Record_0.2	Promotion Provider_Test Record_0.2 Added - Record Result	Draft	24-07-2015	TS, NC, PS	TS, NC	TS
Promotion Provider_Test Record_1.0	Promotion Provider_Test Record_1.0 Updated - Result	Approved	24-07-2015	TS, NC, PS	TS, NC	TS

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July 29, 2015

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July 29, 2015

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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

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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

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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

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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:

I d	Input	Expected result	Actual result
1	accountId : 2	Object(AccountInfo)[accountId: 10, email: admin1@wap.com, password: 81dc9bdb52d04dc20036dbd8313ed05 5, role: admin, join_date: 2015-06-19, status: 1]	Object(AccountInfo)[accountId: 10, email: admin1@wap.com, password: 81dc9bdb52d04dc20036dbd8313ed05 5, role: admin, join_date: 2015-06-19, status: 1]
2	accountId : 3	Object(AccountInfo)[accountId: 10, email: admin2@wap.com, password: 81dc9bdb52d04dc20036dbd8313ed05 5, role: admin, join_date: 2015-06-19, status: 1]	Object(AccountInfo)[accountId: 10, email: admin2@wap.com, password: 81dc9bdb52d04dc20036dbd8313ed05 5, role: admin, join_date: 2015-06-19, status: 1]
3	accountId : 4	Object(AccountInfo)[accountId: 10, email: admin3@wap.com, password: 81dc9bdb52d04dc20036dbd8313ed05 5, role: admin, join_date: 2015-06-19, status: 1]	Object(AccountInfo)[accountId: 10, email: admin3@wap.com, password: 81dc9bdb52d04dc20036dbd8313ed05 5, role: admin, join_date: 2015-06-19, status: 1]
4	accountId : 100	null	null

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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:

I d	Input	Expected result	Actual result
1	Email : nettanawat@gmail.com	Object(AccountInfo)[accountId: 1, email: nettanawat@gmail.com, password: c09e487ab20c68cdc5c21dce226b 0426, role: admin, join_date: 2015-06-19, status: 1]	Object(AccountInfo)[accountId: 1, email: nettanawat@gmail.com, password: c09e487ab20c68cdc5c21dce226b 0426, role: admin, join_date: 2015-06-19, status: 1]
2	Email : admin1@gmail.com	Object(AccountInfo)[accountId: 10, email: admin1@wap.com, password: 81dc9bdb52d04dc20036dbd8313 ed055, role: admin, join_date: 2015-06-19, status: 1]	Object(AccountInfo)[accountId: 10, email: admin1@wap.com, password: 81dc9bdb52d04dc20036dbd8313 ed055, role: admin, join_date: 2015-06-19, status: 1]
3	Email : wishmeluck@gmail	null	null
4	Email : admin	null	null

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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

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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

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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

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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,	null	null

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	status: 1,		
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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

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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

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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

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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

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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

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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

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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

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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

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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:

I d	Inpu t	Expected result	Actual result
1	id: 1	Object(PromotionImage)[id: 1, promotion_id 16: , Image_path: : user_upload/16/shop_images/amazon.jp g, add_date: 2015-07-23 15:11:24]	Object(PromotionImage)[id: 1, promotion_id 16: , Image_path: : user_upload/16/shop_images/amazon.jp g, 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

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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

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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

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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

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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

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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

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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

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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:

I d	Inpu t	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

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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 Nimmarnhemmin 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 Nimmarnhemmin Rd., T.Suthep, A.Muang,, Chiang Mai, 50200, phone_number: 053 400 289, sub_district: 1, latitude: 18.7979711671, longitude: 98.9663887024,	7	7

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	open_time: Everyday from 6.00PM – 12.00AM, description: Our coffee shop is one of the best place in Chiang mai, category: null		
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

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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

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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,	1	1

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	open_time: Everyday from 6.00PM – 12.00AM, description: Our coffee shop is one of the best place in Chiang mai, category: null		
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

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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

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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 Nimmarhemin 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 Nimmarhemin 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 Nimmarhemin 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,	Object(ShopInformation) [accounts_id: 7, name: Hey yo, address: 40 Nimmarhemin 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,

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		description: Our coffee shop is one of the best place in Chiang mai, category: null]	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

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APPENDIX

Appendix A

Accounts table

id	email	password	role	join_date	status
1	nettanawat@gmail.com	c09e487ab20c68cdc5c21dce226b0426	admin	2015-06-29 00:00:00	1
2	admin1@gmail.com	81dc9bdb52d04dc20036dbd8313ed055	admin	2015-06-29 00:00:00	1
3	admin2@gmail.com	81dc9bdb52d04dc20036dbd8313ed055	admin	2015-06-29 00:00:00	1
4	admin3@gmail.com	81dc9bdb52d04dc20036dbd8313ed055	admin	2015-06-29 00:00:00	1
5	iamadmin@gmail.com	81dc9bdb52d04dc20036dbd8313ed055	admin	2015-06-29 00:00:00	1
6	warmup@wap.com	81dc9bdb52d04dc20036dbd8313ed055	user	2015-07-28 20:07:34	1
7	hey@wap.com	b59c67bf196a4758191e42f76670ceba	user	2015-07-28 20:07:34	1
8	ohman@wap.com	d93591bdf7860e1e4ee2fca799911215	user	2015-07-28 20:07:34	1
9	takeatest@gmail.com	d93591bdf7860e1e4ee2fca799911215	user	2015-06-29 00:00:00	1
10	test@gmail.com	d93591bdf7860e1e4ee2fca799911215	user	2015-06-29 00:00:00	1

Figure 6.1: Accounts table

Appendix B

Promotions table

id	shop_id	name	description	shared	start_date	end_date	status
1	6	Friday special !!	Breakfast buffet 150.- for each	NULL	2015-07-23 00:00:00	2015-07-31 00:00:00	1
2	7	Get a FREE order of Dog pretzel	with the purchase of a Green mint mocha	NULL	2015-08-01 00:00:00	2015-08-09 00:00:00	1
3	8	Show student card for a special 10% discount	Not to be used in conjunction with other voucher	NULL	2015-08-18 00:00:00	2015-09-19 00:00:00	1
4	6	Test pro	this is description	NULL	2015-07-29 00:00:00	2015-08-20 00:00:00	1
5	6	Free free free	This is a good promotion	NULL	2015-07-14 00:00:00	2015-07-31 00:00:00	1

Figure 6.2: Promotions table

Appendix C

PromotionImage table

id	promotion_id	image_path	add_date
1	16	user_upload/16/shop_images/amazon.jpg	2015-07-23 15:11:24
2	16	user_upload/16/shop_images/sale.jpg	2015-07-23 15:11:24
3	21	user_upload/21/shop_images/wanilla.jpg	2015-07-23 15:11:24

Figure 6.3: PromotionImage table

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Appendix D

ShopInformation table

accounts_id	name	address	phone_number	sub_district	latitude	longitude	open_time	description	category
6	Coffee smith	40 Nimmanhemin Rd., T.Suthep, A.Muang, Chiang Mai...	053 400 289	3	18.7979711671	98.9663887024	Everyday from 6.00PM - 12.00AM	Our coffee shop is one of the best place in Chiang...	NULL
7	Hey	40 Nimmanhemin Rd., T.Suthep, A.Muang, Chiang Mai...	053 400 289	3	18.7979711671	98.9663887024	Everyday from 6.00PM - 12.00AM	Our coffee shop is one of the best place in Chiang...	NULL
8	Oh man	40 Nimmanhemin Rd., T.Suthep, A.Muang, Chiang Mai...	053 400 289	3	18.7979711671	98.9663887024	Everyday from 6.00PM - 12.00AM	Our coffee shop is one of the best place in Chiang...	NULL

Figure 6.4: ShopInformation table

Appendix E

ShopImage table

id	shop_id	added_date	image_path
1	6	2015-07-03 00:00:00	user_upload/6/shop_images/cookies.png
2	7	2015-07-03 00:00:00	Xxxasdad34234
3	6	2015-07-03 00:00:00	test string image path

Figure 6.5: ShopImage table

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