Cairo University Faculty of Computers and Information



**CS352 – Software Engineering II**

**Phase 3-b: Testing Report**

**2015**

**Project Team - Eng. Mohamed Samir**

|  |  |  |  |
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# 1. Backend Testing

* 1. **UserEntity class**

|  |  |  |  |
| --- | --- | --- | --- |
| **Number** | **Testing function** | **Description** | **Result** |
| 1.1.1 | addFriend() | Testing function for addFriend function in **UserEntity**  Assumption: friend added to the user and this change saved on the database | Passed |
| 1.1.2 | addPostToUsers() | Testing function for addPostToUsers function in **UserEntity**  Assumption: post successfully created to the current user and the change saved to the database | Passed |
| 1.1.3 | isExist() | Testing function for isExist function in **UserEntity**  Assumption: user checked that he is in the database | Passed |
| 1.1.4 | saveUser() | Testing function for saveUser function in **UserEntity**  Assumption: user created and saved on the database | Passed |

* 1. **MessageEntity class**

|  |  |  |  |
| --- | --- | --- | --- |
| **Number** | **Testing function** | **Description** | **Result** |
| 1.2.1 | getAllMessages() | Testing function for getAllMessages function in **MessageEntity**  Assumption: retrieve all messages from the database | Passed |
| 1.2.2 | getMessagesByID() | Testing function for getMessagesByID function in **MessageEntity**  Assumption: retrieve all messages from the database for certain user | Passed |
| 1.2.3 | getUnseenMessages() | Testing function for addFriend function in **MessageEntity**  Assumption: retrieve all unseen messages from the database for certain user | Passed |
| 1.2.4 | parseMessage() | Testing function for addFriend function in **MessageEntity**  Assumption: retrieve the message and parse it to be used as jason object and to use it in jsp | Passed |
| 1.2.5 | saveMessage() | Testing function for addFriend function in **MessageEntity**  Assumption: save the wriiten message to the database | Passed |

# 2. Frontend testing

* 1. **Service class**

|  |  |  |  |
| --- | --- | --- | --- |
| **Number** | **Testing function** | **Description** | **Result** |
| 2.1.1 | addFriend() | Testing function for addFriend function in **Service**  Assumption: friend isn't in friends | Passed |
| 2.1.2 | getFriendRequests() | Testing function for getFriendRequests function in **Service** class  Assumption: friend request sent | Passed |
| 2.1.3 | getFriends() | Testing function for getFriends function in **Service** class  Assumption: show all friends | Passed |
| 2.1.4 | loginService(hadad, 12)  loginService(hadad, 123) | Testing function for loginService function in **Service** class  Assumption: logging is done correctly | Failed  Passed |
| 2.1.5 | registrationService(hadad, hadad.com, 123)  registrationService(hadad, haadad.com, 123) | Testing function for registrationService function in **Service** class  Assumption: registration is done correctly | Failed  Passed |

* 1. **NotificationService class**

|  |  |  |  |
| --- | --- | --- | --- |
| **Number** | **Testing function** | **Description** | **Result** |
| 2.2.1 | getConversationMessages() | Testing function for getConversationMessages function in **NotificationService**  Assumption: show all conversation messages | Passed |
| 2.2.2 | getFriendRequestByID() | Testing function for getFriendRequestByID function in **NotificationService**  Assumption: show all friend requests | Passed |
| 2.2.3 | getMessagesByID() | Testing function for getMessagesByID function in **NotificationService**  Assumption: show all messages for certain id | Passed |
| 2.2.4 | getUnseenConversationMessages() | Testing function for getUnseenConversationMessages function in **NotificationService**  Assumption: show all unseen conversation messages | Passed |
| 2.2.5 | getUnseenFriendRequests() | Testing function for getUnseenFriendRequests function in **NotificationService**  Assumption: show all unseen friend requests | Passed |
| 2.2.6 | getUnseenMessages() | Testing function for getUnseenMessages function in **NotificationService**  Assumption: show all unseen messages | Passed |
| 2.2.7 | sendFriendRequest(hadad, m, 123)  sendFriendRequest(hadad, hadad, 123)  sendFriendRequest(hadad, hh, 123) | Testing function for sendFriendRequest function in **NotificationService**  Assumption: friend request is sent | Passed  Failed  Same user  Failed  Wrong user name or password |

* 1. **GroupServices class**

|  |  |  |  |
| --- | --- | --- | --- |
| **Number** | **Testing function** | **Description** | **Result** |
| 2.3.1 | createGroup() | Testing function for createGroup function in **GroupServices**  Assumption: group created successfully and users can join it | Passed |

* 1. **PageServices class**

|  |  |  |  |
| --- | --- | --- | --- |
| **Number** | **Testing function** | **Description** | **Result** |
| 2.4.1 | createPage() | Testing function for createPage function in **PageServices**  Assumption: Page created successfully and can be seen by users | Passed |
| 2.4.2 | likePage() | Testing function for likePage function in **PageServices**  Assumption: Page can be liked by users | Passed |

* 1. **PostServices class**

|  |  |  |  |
| --- | --- | --- | --- |
| **Number** | **Testing function** | **Description** | **Result** |
| 2.5.1 | createUserPost() | Testing function for createUserPost function in **PostServices**  Assumption: post created and can be seen by friends | Passed |
| 2.5.2 | getUserPosts() | Testing function for getUserPosts function in **PostServices**  Assumption: posts are shown to the users | Passed |

* 1. **Comment class**

|  |  |  |  |
| --- | --- | --- | --- |
| **Number** | **Testing function** | **Description** | **Result** |
| 2.4.1 | createPage() | Testing function for createPage function in **PageServices**  Assumption: Page created successfully and can be seen by users | Passed |
| 2.4.2 | likePage() | Testing function for likePage function in **PageServices**  Assumption: Page can be liked by users | Passed |

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# Github

**https://github.com/ahmedfekry/FCI-CS352-MASE**

# Ownership report

|  |  |  |
| --- | --- | --- |
| **ID** | **Name** | **done** |
| 20120364 | Mahmoud | \*Refactoring the whole project to be ready for testing  Classes : 2.1 – 2.2 |
| 20120062 | Ahmed |  |
| 20120207 | Sherif | Documentation and preparation of the template  Functions : 2.1.3 - 2.2.5 - 2.2.6 |
| 20120084 | Eslam | ----------------------------------------------------------------------------- |