**User Story & Scenario**

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**Introduction**

This document defines the user story and scenario for the Project Chataholic requirements.

**User Story**

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| **User** | As a user, I want to chat with other users |
| **Details** | Users may only chat with one user on the chat page. Users should be able to send and receive messages. The message should be received by the specific user and the content of the message should be the same. |
| **Test** | Send message from one end port to see another end port can receive the specific messages or not |
| **Action** | 1. User type in the message 2. Send message 3. The message is displayed on the screen 4. The other user receive the message |

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| **User** | As a user, I want to check and edit my profile |
| **Details** | Users should be able to check their own profile without any permission. When a user enters the edit page, the system should provide “save” and “cancel” options. When the user completes the new profile, the system should update the database immediately and display the new profile on the screen. |
| **Test** | Entre to the profile page and try to edit the profile. Try to save the new profile and see if the profile is updated successfully or not |
| **Action** | 1. User entre to the profile page 2. The system get the data from the database and display on the screen 3. User press the “Edit” button 4. User changes the content of the profile 5. User press the “Save” button 6. The system sends the data to the DB and update the data 7. The system ‘refresh’ the profile page and display the updated profile |

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| **User** | As a user, I want to delete my friend |
| **Details** | If the user does not want to chat with some friends any more. User should be able to delete that friend.Once the user deletes that friend, he shouldn’t receive any message from that friend. |
| **Test** | Once a user deletes other users from the friend list, send a message from one end port to see if another end port can receive the specific messages or not. |
| **Action** | 1. User open the friend list 2. User choose the friend that he/she wants to delete 3. Delete that friend |

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| **User** | As a user, I want to pair friends according to my interests. |
| **Details** | Users should be able to choose their interests after the basic profile editing.When use enter the profile edit page,the system will provide various interests for the user to choose. Users will be allowed to choose only one interest in that list and the system will pair friends according to the chosen interest. When user completes the new profile, the system should update the database immediately and display the new interests on the screen |
| **Test** | Enter to the profile page and try to change the interest choice. Try to save the new profile and see if the newly chosen interest is updated successfully or not |
| **Action** | 1. User open profile page 2. The system gets profile data from the database and displays it on the screen. 3. User press the “Edit” button 4. Users choose the interest from interests list. 5. User press the “Save” button 6. The system sends the data to the DB and updates the data. 7. System ‘refresh’ the profile page and update the chosen interest. |

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| **User** | As a user, I want to view my friend's profile page. |
| **Details** | User should be able to view paired friends page without permission but users cannot edit them. When a user enters the paired friend’s profile page. System will provide some basic profiles of another use like DoB, gender,interests, etc. |
| **Test** | Enter the paired friend page and try to change the profile and interests, the system will not provide an ‘Edit’ and ‘Save’ button. |
| **Action** | 1. User open paired friends page 2. The system gets the profile data from the database and displays it on the screen. 3. User presses the ‘back’ button and quits the friends profile page. |

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| **User** | As a user, I want to be able to create a new account |
| **Details** | Account number/name and password is needed to create a new account. The system would collect the data for registration by sending the data to the DB and check if the account name exists in the DB. If the name exists, the system should clear the page and display a failed message to remind the user and let the user create an account in another name. If no, the DB should add the new data and the system should display a successful message. |
| **Test** | Try to register a new account. Try to login this new account to see if it can be logged in successfully or not. |
| **Action** | 1. User press the “register” button 2. User entre account name and password 3. The system sends the data to DB and check 4. The system displays a successful message and directs user to the login page 5. User enter the account name and password 6. User press the “login” page 7. The system direct the user to the main activity page |

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| **User** | As a user, I would like to be able to turn on/ turn off the notifications of someone. |
| **Details** | Users can always turn on/off someone’s notification in another user’s profile page, even the block action, an add friend request is not needed before using the turn on/off notification and block functions. |
| **Test** | Login the account, open the profile page of any friends/nonfriends, open setting icon on the top, select turn on/off notification or block. |
| **Action** | 1. User press login 2. User find the friend/non-friend who is wanted to be turn on/off notification 3. Open the profile page of the friend/non-friend 4. Press the setting button on the top 5. Select turn on/off notification or block |

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| **User** | As a user, I would like to report a user who cause distress |
| **Details** | Some users may cause distress to others with languages, for these users, they can be reported with a reason and their account would be blocked |
| **Test** | Find the user who is needed to be reported, open the profile of the user, select the setting button, find report selection, add reasons. |
| **Action** | 1. Login 2. Find the user and open his/her profile 3. Select setting button on the top 4. Select report and call out the report page 5. Add reasons 6. Report successfully |

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| **User** | As a user, I would like to log out of my account |
| **Details** | Users might need to log out or change account sometimes |
| **Test** | Open the account profile page, click log out button on the bottom of the page |
| **Action** | 1. Open the setting page 2. Find the log out button on the bottom 3. Click log out |

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| **User** | As a user I want to change account password |
| **Details** | First,a user might want to change account password to protect his account from hackers and helps users to diversity the access and keep them unique and hard to crack. Second, the user might forget the password, so the password needs to be reset. |
| **Test** | Once the password is changed, type in the old password to check if it still can log in. |
| **Action** | 1. Login 2. Open the account detail page 3. Select change password 4. Type in the old password to verify 5. Type in the password that user want to change 6. Re-type the password to double check 7. click forgotten password 8. enter registered email to receive the reset link 9. click the reset link 10. Type in the new password |

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| **User** | Check and edit account details |
| **Details** | Users should be able to view and edit their account details without permission. When a user enters their own account details,the system should provide “save” and “cancel” options and they will be able to edit and read including but not limited to password, block lists, binding phone or IDs. When users change and save the new personal details, the system should update to the database immediately. |
| **Test** | Users change the password in the account page and try to re-login through that password. |
| **Action** | 1. User enter to the account page 2. The system get the data from the database and display on the screen 3. User press the “Edit” button 4. User changes the content of the account 5. User press the “Save” button 6. The system sends the data to the DB and update the data 7. The system ‘refresh’ the profile page and display the updated account details |

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| **User** | As a user, I want to have a list of my friends being shown on the page |
| **Details** | Users may want to choose a friend to chat, therefore a friend list is needed. The list should show the name or id and icon of the user's friend so the user doesn’t need to remember the details of friends. The list should not contain non-friend users. |
| **Test** | After login, check if the friend list is displayed on the page successfully and accurately |
| **Action** | 1. User login 2. The system get the data from database and display the friend list on screen |

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| **User** | As a user, I want to delete specific message from the chat |
| **Details** | Users may want to delete a message from chat. A delete notice should replace the message. |
| **Test** | Try to delete a message and check if this message is replaced by the notice for both users in the chatroom |
| **Action** | 1. Choose a message to delete 2. The system search this message from the database 3. Replace this message content to a delete notice in database 4. The system replace the message for users in the chatroom |

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| **User** | As a user, I want to login to my account. |
| **Details** | Users would need to login to use all the service and functions. |
| **Test** | Type login with correct username and password, login successfully. A failed notification would come out when login with the wrong password or username. |
| **Action** | 1. Fill in the username 2. Fill in the correct password 3. Login successfully 4. Login with the wrong username/password 5. Login failed |

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| **User** | Add user to friend list |
| **Details** | User might want to add another user to the friend list |
| **Test** | Users add another user, send the friend requests and the other user accepts the request, add friend successfully./ Add another user, the user refuses the request, add friend request fails. |
| **Action** | 1. Click the add button on the user page 2. Send the friend request 3. The other user accept the request 4. Add friend successfully 5. The user refuses the request 6. Add fried failed |