**ITC303 – Team Orange E2 Iteration Plan**

# **1. High Level Objectives/Milestones**

|  |  |  |
| --- | --- | --- |
| **ID** | **Objectives** | **Date** |
| - | Iteration start | 24/04/2017 |
| 1 | Implement Base project components | 07/05/2017 |
| 2 | 2.1 Test Create Contacts | 07/05/2017 |
| 3 | 2.2 Test Read Contacts | 07/05/2017 |
| 4 | 2.3 Test Amend Contacts | 07/05/2017 |
| 5 |  |  |
| 6 |  |  |
| - | Iteration End | 01/05/2017 |
| 8 | Review Iteration | 02/05/2017 |

# **2. Work Item assignments**

The following Work Items will be undertaken in this iteration to complete the above listed Milestones:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Work Items** | **Measure** | **Outcome** | **Assigned** | **Completed by** | **Hours worked** |
| 1.1 | Implement Development Branch. | New Branch in project created |  | All | 07/05/2017 |  |
| 1.2 | Implement Base Class. | Base Class constructs Subclasses, seen [here](https://github.com/csuproject/instantmessenger/blob/master/docs/Elaboration/ClassDiagram.png). |  | All | 07/05/2017 |  |
| 2.1 | Implement Contacts class function to Create new Roster | New Roster assigned to Server. |  | Shaun | 07/05/2017 |  |
| 2.2 | Implement Contacts class function to request contact added to Roster. | Request for Roster membership can be sent to Contact. |  | Shaun | 07/05/2017 |  |
| 2.3 | Implement Contacts class function to accept contact request. | Request for Roster membership can be read and responded to. |  | Shaun | 07/05/2017 |  |
| 2.4 | Implement Test Script 2.1 | Test outputs results to console. |  | Shaun | 07/05/2017 |  |
| 2.5 | Update TestPlan2 Doc and iteration plan with evidence, | Doc updated |  | Shaun | 07/05/2017 |  |
| 3.1 | Implement Contacts class function to create list of Rosters User assigned to. | List created of Roster assigned to Contact |  | Shaun | 07/05/2017 |  |
| 3.2 | Implement Contacts class function to create list of Contacts in Roster. | List created of Contacts in Roster. |  | Shaun | 07/05/2017 |  |
| 3.3 | Implement Test Script 2.2 | Test outputs results to console. |  | Shaun | 07/05/2017 |  |
| 3.4 | Update TestPlan2 Doc and iteration plan with evidence, | Doc updated |  | Shaun | 07/05/2017 |  |
| 4.1 | Implement Contacts class function to remove Contact from Roster. | Contact removed from Roster. |  | Shaun | 07/05/2017 |  |
| 4.2 | Implement Test Script 2.3 | Test outputs results to console. |  | Shaun | 07/05/2017 |  |
| 4.3 | Update TestPlan2 Doc and iteration plan with evidence, | Doc updated |  | Shaun | 07/05/2017 |  |
|  |  |  |  |  | 07/05/2017 |  |
| 5.1 | Retrieve a user (or users details e.g. JID)  [This will be normally implemented through contacts, so we probably just have to know a user's JID for now.] |  |  | Tim/Murray | 07/05/2017 |  |
| 5.2 | (Optional) Set up a chat bot on the server that will respond to a received message. This will make testing chat functionality much easier. | A chat bot is set up on the server that will respond to a received message. |  | Murray | 07/05/2017 |  |
| 5.3 | Create a chat with a user | Chat is created for both users (creator and other) |  | Murray | 07/05/2017 |  |
| 5.4 | Send a message to a user in the chat | The other user receives the message |  | Murray | 07/05/2017 |  |
| 5.5 | Receive a message from another user | The sent message is received |  | Murray | 07/05/2017 |  |
| 5.6 | Notify of new Chat Event (new Chat, new Message) | System knows when a new chat event occurs (a callback handler function is called) |  | Tim | 07/05/2017 |  |
| 5.7 | Notify of Chat status (read/unread) | The status of a chat is held correctly. Starting as unread, becoming read when the message is seen, and handling the case of being read instantly (received when that chat is open). |  | Tim | 07/05/2017 |  |
| 5.8 | Pass all of TestPlan3 | All steps of all test functions in TestPlan3 are successfully completed. |  | Tim/Murray | 07/05/2017 |  |
| 6.1 | Retrieve a list of all chats. (id, users between) | A list of chats can be retrieved, and a given chat can be identified from this list. |  | Tim | 07/05/2017 |  |
| 6.2 | Retrieve a list of messages for a given chat, from the most recent message back X messages. | A list of messages can be retrieved from a given chat. |  | Tim | 07/05/2017 |  |
|  |  |  |  |  | 07/05/2017 |  |
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