**ITC303 – Team Orange C4 Iteration Plan**

# **1. Iteration Assessment and comments**

**Summary**

**IOCM Assessment is now at the end of C5 (extra construction iteration)**

-Need User Manual

-Need A Project Status Assessment

-Need A Test Model that:

\*Demonstrates successful completion of alpha stage user acceptance testing

\*Supports user acceptance testing during betaPossible Code Items:

-finish notifications

-message confidentiality

-delete chats

-delete multi user chats

-contact management gui (delete, presence, block, chat)

-presence displayed in chat as well as on contact

-??edit account??

-group chat persistence (either via members or ChatRoomBookmarks)

-send group chat invites

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-code documentations

-user manual

-project status assessment

-test model

-test scripts

-user acceptance tests

-update full use case descriptions

-create new full use case descriptions

**Demonstrated functionality included:**

**Comments Shaun**

Implement all UI features planned including Block, Mute Contact; Presence UI, MUC contacts list, MUC list. Major time spent restructuring app to comply with MVC and Load pattern. The UI development had drifted from the original pattern scope, this work was required to integrate the planned features. Restructuring was successful and team members was able to integrate new features.

**Comments Tim**

**Comments Murray**

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

User Workflow

|  |  |  |
| --- | --- | --- |
| ID | Objectives | Date |
| - | Iteration start |  |
| 1 | User Manual |  |
| 2 | Project Status Assessment |  |
| 3 | Test Model |  |
| 4 | Performing Tests |  |
|  |  |  |
| 5 | Add Muc chat bookmarks and invitations. |  |
| 6 | Merge branches |  |
| 7 | Fix Multi User Chat loading bug. |  |
| 8 | Fix bug where new users going online is not detected once logged in. |  |
| 9 | Restructuring of MUChat and HomeScreen to comply with Load pattern. |  |
| 10 | Additional Features Block, Mute Contact; Presence UI, MUC contacts list, MUC list. |  |
| - | Iteration End |  |
| 8 | Review Iteration |  |

# **3. Work Item assignments**

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

**GREEN**  = Complete  
**YELLOW**  = Mostly complete, some complications  
**RED**  = Aborted

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| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Work Items** | **Measure** | **Outcome** | **Status** | **Completion Date** | **Hours worked** |
| **Shaun** | | | | | | |
|  | Bug Notifications display new message on start | Bug removed | Solved during restructure, see [commit](https://github.com/csuproject/instantmessenger/commit/04ceda898ea3cf4ae46b3e5cc3a4dbb55a6e4201). |  | 03/09/17 | 0.5 |
| 10 | UI Delete/Block User | UI function to delete and block contact from users list | Extended MUCContactDisplay with UI, see [commit](https://github.com/csuproject/instantmessenger/commit/aa677de2ea5c09fc4eac5af8a2f4d7d284c2bb2f). |  | 27/08/17 | 4 |
| 9 | Restructure App functions of MUCController. MUCScreen, MUCList. | Functions compliant with MVC pattern | Restructure successfully, see [commit](https://github.com/csuproject/instantmessenger/commit/7d456ccf67b47fd84e1bc8649e7432a793c0ac39). |  | 03/09/17 | 6 |
| 10 | UI Contact Presence | Presence is displayed on contact view | UI Presence indicators integrated, see [commit](https://github.com/csuproject/instantmessenger/commit/aa342cb374fe77bce53962398ca3a60bddfb9f7d). |  | 27/08/17 | 4 |
|  | Bug doubling of contacts | Bug removed | Original fix implemented [here](https://github.com/csuproject/instantmessenger/commit/bd070e2f3efffaa450aa752ae975f8c8055ff549), not required because Tim created reset functionality. |  | 27/08/17 | 0.5 |
| 9 | Restructure HomeScreen function into AppSession | Functions compliant with MVC pattern | Restructure successfully, see [commit](https://github.com/csuproject/instantmessenger/commit/04ceda898ea3cf4ae46b3e5cc3a4dbb55a6e4201). |  | 03/09/17 | 4 |
| 10 | UI Multi User Chat display contacts in chat | Contact in chat are displayed | User UI added, see [commit](https://github.com/csuproject/instantmessenger/commit/773c4e56b34e2797a8273a4b4fc2ac39aca707e5). |  | 27/08/17 | 3 |
| **Murray** | | | | | | |
| 2 | Project Status Assessment | Draft project status assessment | Project status assessment is ready for team review |  |  |  |
| 3 | Compile Beta testing forms | Finished forms ready to submit for IOCM | Usable form in hard copy format, investigating online form using Google Forms |  |  |  |
| 4.1 | Complete Test Model Document | Reduce complexity of current document | Test model document is ready for IOCM submission |  |  |  |
| 4.2 | Review User Manual | Minor suggestions for improvement | Reviewed document posted to Google Drive |  |  |  |
| 4.3 | Alpha UAT test scripts | Test scripts reviewed and updated to include final functionality | Test scripts posted to Google drive for team review |  |  |  |
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| **Tim** | | | | | | |
| 1 | User Manual | User manual has been created. Although some changes will need to be made as updates are made, the majority of the work on the user manual should be complete. | [Complete](https://github.com/csuproject/instantmessenger/blob/master/docs/C4/UserManual.docx). |  |  | 5 |
| 5.1.1 | Add Muc bookmarks and invitations. | MUC’s are saved via bookmarks, and automatically retrieved on login.  Invitations can be sent to contacts, upon accepting one of these invitations, the MUC will automatically be created. | [Mostly complete](https://github.com/csuproject/instantmessenger/commit/40fee713c3d5df37743b1d82dbd79cfe016b5eee). Backend functionality is working.  Still needs some improvements. |  |  | 3 |
| 5.1.2 | Add Muc bookmarks and invitations. | Functionality is completely finished. | [Complete](https://github.com/csuproject/instantmessenger/commit/11295522fa36a0f91ba5b52bdca0856c6b396663). Also made some other small general improvements. |  |  | 2 |
| 6.1 | Merge c4-ft-muc-improvement into c4 | The merge is complete and features remain intact. | [Complete](https://github.com/csuproject/instantmessenger/commit/582ba6b298e3a961afef60841aef76f6a610b824). Both myself and Shaun made major changes to the core structure of the screens. Merging these changes was challenging. However Shaun restructured a few things which made it much easier for me to complete the merge whilst keeping both of our features intact. |  |  | 2 |
| 7.1 | Fix Multi User Chat loading bug. | Multi User Chats are not loading new messages. | [Complete](https://github.com/csuproject/instantmessenger/commit/e3bd6fbc2d5c6ccbf5e412c27fc7d91073ee9c2b).  A lambda was not being set when mucs were created from a bookmark. Then once that was fixed, there was ConcurrentModificationException, which was resolved by making a copy of the muc list when loading it. |  |  | 2 |
| 8.1 | Fix bug where new users going online is not detected once logged in. | When you log in, then a contact logs in, it should update to show that they are online. | Complete.  There was actually no issue. The issue was because i was testing it with old users that were not subscribed to each other properly. When new contacts are created now, they will subscribe properly and it will work. I deleted the old users. |  |  | 1 |
| - | Make general improvements to the app. |  | [Complete](https://github.com/csuproject/instantmessenger/commit/63fcb6a7feca020c2d3b9f1c2cde6c794bf059b2).  Added a back button from a chat session.  In a chat session, the contact who you are chatting to has their name written in green if they are online, or red if offline.  Changed the navigation buttons to show which screen you are currently on. |  |  | 2 |
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| 4.1 | Perform UAT Testing | Testing complete ready to include in IOCM documentation |  |  |  |  |
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| **Multiple People** | | | | | | |
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# **4. Issues**

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| **Issue** | **Status** | **Notes** |
| UI components to comply with MVC and Load Pattern. | Complete. | Major time had to spent to restructure some components of app to comply with MVC pattern to allow integration of new features. |

# **5. Assessment**

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| **Assessment target** |  |
| **Assessment date** |  |
| **Participants** | Murray Tim Shaun |
| **Project status** |  |

## **Assessment against objectives**

## **Work Items: Planned compared to actually completed**

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| **Item** | **Status** |
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## Assessment against Evaluation Criteria Test results

## Other concerns and deviations