**ITC303 – Team Orange Iteration Plan 2**

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

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| --- | --- | --- |
| **ID** | **Objectives** | **Date** |
| - | Iteration start | 27/03/2017 |
| 1 | Evaluate Candidate Architectures/Technology Platforms | 07/04/2017 |
| 2 | Produce and Document Initial Design to support Critical Core Use Case using Proposed Architecture | 07/04/2017 |
| 3 | Identify and document project risks | 07/04/2017 |
| 4 | Create Initial Master Test Plan | 07/04/2017 |
| 5 | Create Initial Project Plan | 07/04/2017 |
| - | Iteration End | 10/04/2017 |
| 8 | Review Iteration | 10/04/2017 |

# **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 | Evaluate Candidate Protocols and Architectures | Platforms explained and justified. | See document [ServerTechnologiesCoreUseCaseComparison](https://github.com/csuproject/instantmessenger/blob/master/docs/InceptionIteration2/ServerTechnologiesCoreUseCaseComparison.docx) | Shaun | 07/04/17 | 4 |
| 1.2 | Evaluate Candidate Server Platforms | Platforms explained and justified. | See document [ServerTechnologiesCoreUseCaseComparison](https://github.com/csuproject/instantmessenger/blob/master/docs/InceptionIteration2/ServerTechnologiesCoreUseCaseComparison.docx) | Murray | 07/04/17 | 4 |
| 2.1 | Critical Core Use Cases | Use cases identified and expanded. | See document [FullUseCaseDescription](https://github.com/csuproject/instantmessenger/blob/master/docs/InceptionIteration2/FullUseCaseDescriptions.docx). | Tim, Shaun, Murray | 07/04/17 | 4 |
| 3.1 | Identify and document project risks. | Risks identified consistent with critical use cases. | See document [RiskList](https://github.com/csuproject/instantmessenger/blob/master/docs/InceptionIteration2/RiskList.xlsx). | Tim, Shaun, Murray | 07/04/17 | 2 |
| 3.2 | Identify mitigation strategies for identified risks. | Mitigation strategies will meet high level project outcomes. | See document [RiskList](https://github.com/csuproject/instantmessenger/blob/master/docs/InceptionIteration2/RiskList.xlsx). | Tim, Shaun, Murray | 07/04/17 | 2 |
| 4.1 | Create Plan | Plan outline testing for elaboration phases. | See document [MasterTestPlan](https://github.com/csuproject/instantmessenger/blob/master/docs/InceptionIteration2/MasterTestPlan.docx). | Shaun. | 07/04/17 | 2 |
| 4.1 | Identify and document key mechanisms for Test Plan 1. | Mechanisms and plan is clear and is justified against project risks. | See document [TestPlan1](https://github.com/csuproject/instantmessenger/blob/master/docs/InceptionIteration2/TestPlan1.docx). | Shaun | 07/04/17 | 2 |
| 4.2 | Identify and document key mechanisms for Test Plan 2. | Mechanisms and plan is clear and is justified against project risks. | See document [TestPlan2](https://github.com/csuproject/instantmessenger/blob/master/docs/InceptionIteration2/TestPlan2.docx). | Tim | 07/04/17 | 2 |
| 4.3 | Identify and document key mechanisms for Test Plan 3. | Mechanisms and plan is clear and is justified against project risks. | See document [TestPlan3](https://github.com/csuproject/instantmessenger/blob/master/docs/InceptionIteration2/TestPlan3.docx). | Murray | 07/04/17 | 2 |
| 5.1 | Identify items for Elaboration and Construction phase iterations | Phase are identified and meet requirements for project resourcing and timeline. | See document [MasterTestPlan](https://github.com/csuproject/instantmessenger/blob/master/docs/InceptionIteration2/MasterTestPlan.docx).  See document [ProjectPlan](https://github.com/csuproject/instantmessenger/blob/master/docs/InceptionIteration2/ProjectPlan.docx). | Murray, Shaun, Tim | 07/04/17 | 2 |
| 5.2 | Document phases and justify against critical use cases. | Phase are justified against critical core use cases and corresponding FR and NFR. | See document [MasterTestPlan](https://github.com/csuproject/instantmessenger/blob/master/docs/InceptionIteration2/MasterTestPlan.docx).  See document [ProjectPlan](https://github.com/csuproject/instantmessenger/blob/master/docs/InceptionIteration2/ProjectPlan.docx). | Murray, Shaun, Tim | 07/04/17 | 2 |