# Inception Phase Status Assessment

## 1. Assessment against Objectives of the Inception Phase

### 1.1 Do we know what we are trying to achieve?

The aim of the project is to minimize mental health issues. This is embodied in the completed Vision Document.

[https://interact2.csu.edu.au/courses/1/S-ITC303\_202160\_SM\_I/groups/\_68438\_1//\_1173827\_1/A2\_Vision%20Document.docx](https://interact2.csu.edu.au/courses/1/S-ITC303_202160_SM_I/groups/_68438_1/_1173827_1/A2_Vision%20Document.docx)

We understand the main functional requirements of the project which are:

* Share their stories
* Read other people's stories and communicate with them
* Online Consultation
* User Registration

This is shown in the completed Use Case model embodied in “Use Case Specification”.

[https://interact2.csu.edu.au/courses/1/S-ITC303\_202160\_SM\_I/groups/\_68438\_1//\_1173828\_1/Full%20Use%20Case%20Description.docx](https://interact2.csu.edu.au/courses/1/S-ITC303_202160_SM_I/groups/_68438_1/_1173828_1/Full%20Use%20Case%20Description.docx)

We understand the main Non-Functional requirements of the project which are:

* Ease of use
* User interfaces provide a nice gentle comforting feeling
* The physicians can access user information assigned to them
* Can be accessed anywhere using device with supported browser
* Mobile number authentication

This is shown in the completed Non-Functional Requirement model embodied in Non-Functional Requirement Specification

[https://interact2.csu.edu.au/courses/1/S-ITC303\_202160\_SM\_I/groups/\_68438\_1//\_1173830\_1/NFR.docx](https://interact2.csu.edu.au/courses/1/S-ITC303_202160_SM_I/groups/_68438_1/_1173830_1/NFR.docx)

### 1.2 Do we know how we are going to achieve it?

We have a good idea of how we are going to achieve our aims. We are going to use a three-tier architecture. This is shown in the completed Architectural Notebook.

[https://interact2.csu.edu.au/courses/1/S-ITC303\_202160\_SM\_I/groups/\_68438\_1//\_1173837\_1/Architecture%20Notebook.docx](https://interact2.csu.edu.au/courses/1/S-ITC303_202160_SM_I/groups/_68438_1/_1173837_1/Architecture%20Notebook.docx)

We have a good understanding of the project specific risks facing our project and how we are going to deal with them. The risks are:

* Legal risk
* Work overload
* Incompetence
* Deadline

Our evolving understanding of risks is shown in the ongoing risk list shown in the initial “risk management”.

<https://interact2.csu.edu.au/courses/1/S-ITC303_202160_SM_I/groups/_68438_1//_1173838_1/Risk%20Management.xlsx>

We have a good understanding of how we are going to check that our application delivers the intended functionality and system properties. Our key areas of concern and the test strategies we will use to address these concerns are as follows:

* User interface
* User experience
* Accessibility management
* Basic feature

This is shown in the Initial Master Test Plan.

[https://interact2.csu.edu.au/courses/1/S-ITC303\_202160\_SM\_I/groups/\_68438\_1//\_1173876\_1/Master%20Test%20Plan.doc](https://interact2.csu.edu.au/courses/1/S-ITC303_202160_SM_I/groups/_68438_1/_1173876_1/Master%20Test%20Plan.doc)

We have a good understanding of the dependencies and likely completion times for different parts of the project. Target completion dates for key aspects of the project are as follows:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Subject** | **Phase** | **Iteration** | **Dates** | **Primary objectives** (risks and use case scenarios) |
| ITC303 – Software Development Project 1 | Inception Phase | I-1 | 02/08 – 15/08 | Establish Vision  Establish Initial Use Case Model  Complete Preliminary Non-functional Requirement Analysis  Identify/Document Candidate Architectures  Establish Version Control |
| I-2 | 16/08 – 29/08 | Establish Risk List  Complete Full Description for Critical Core Risky Difficult (CCRD)Use Case  Implement Technical Competency Demonstrator  Create Test Plan  Establish Initial Project Plan  Deliver Life Cycle Objectives Milestone (LCOM)  Complete Inception Phase Project Assessment |
| Elaboration Phase | E-1 | 30/08 – 12/09  (Session Break) | Mitigate Highest Priority Risk(s)  Implement Highest Priority Architectural Element(s) to Support CCRD Use Case  Complete Development Testing for Highest Priority Architectural Element(s) |
| E-2 | 06/09 – 19/09 | Mitigate 2nd Highest Priority Risk(s)  Implement 2nd Highest Priority Architectural Element(s) to Support CCRD Use Case  Complete Development and Integration Testing for 2nd Highest Priority Architectural Element(s) |
| E-3 | 20/09 – 3/10 | Mitigate 3rd Highest Priority Risk(s)  Implement 3rd Highest Priority Architectural Element(s) to Support CCRD Use Case  Complete Development and Integration Testing for 3rd Highest Priority Architectural Element(s)  Deploy Executable Architecture in Trial Environment  Complete Internal User Acceptance Testing for CCRD Use Case in Trial Environment |
| E-4 | 4/10 – 17/10 | Contingency  Deliver Life Cycle Architecture Milestone (LCAM)  Complete Elaboration Phase Project Assessment |
| Second term Break | | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Second term Break | | | | |
| ITC309 – Software Development Project 2 | Construction Phase | C-1 | 15/11 – 21/11 | Implement 2nd Highest Priority Use Case(s)  Complete Development and Integration Testing for 2nd Highest Priority Use Case(s)  Complete Internal User Acceptance Testing for 2nd Highest Priority Use Case(s) |
| C-2 | 22/11 – 6/12 | Implement 3rd Highest Priority Use Case(s)  Complete Development and Integration Testing for 3rd Highest Priority Use Case(s)  Complete Internal User Acceptance Testing for 3rd Highest Priority Use Case(s) |
| C-3 | 6/12 – 19/12 | Implement 4th Highest Priority Use Case(s)  Complete Development and Integration Testing for 4th Highest Priority Use Case(s)  Complete Internal User Acceptance Testing for 4th Highest Priority Use Case(s) |
| C-4 | 20/12 – 02/01  (Session Break) | Contingency  Deliver Initial Operation Capability Milestone (IOCM)  Complete Construction Phase Project Assessment |
| Transition Phase | T-1 | 3/01 – 16/01 | Deploy Application in Trial Environment  Complete 1st Round External User Acceptance Testing  Resolve Any Identified Issues |
| T-2 | 17/01 – 30/01 | Complete 2nd Round External User Acceptance Testing  Resolve Any Identified Issues |
| T-3 | 31/01 – 13/02 | Contingency  Deliver Product Release Milestone (PRM)  Complete Final Project Assessment |

This is shown in the Initial Project Plan.

### 1.3 Skills required

Our project requires skills using the following key tools and technologies:

* PHP
* SQL
* JavaScript
* HTML

We have demonstrated that we have the skills to use these technologies through the implementation of a technology competency demonstrator.

[https://interact2.csu.edu.au/courses/1/S-ITC303\_202160\_SM\_I/groups/\_68438\_1//\_1173839\_1/Simple%20HTML%20Website.zip](https://interact2.csu.edu.au/courses/1/S-ITC303_202160_SM_I/groups/_68438_1/_1173839_1/Simple%20HTML%20Website.zip)

## 2. Deliverables

### 2.1 *Vision Document.*

* Project Introduction
* Positioning
* Stakeholder Description
* Product Overview
* Other Product Requirement

[https://interact2.csu.edu.au/courses/1/S-ITC303\_202160\_SM\_I/groups/\_68438\_1//\_1173827\_1/A2\_Vision%20Document.docx](https://interact2.csu.edu.au/courses/1/S-ITC303_202160_SM_I/groups/_68438_1/_1173827_1/A2_Vision%20Document.docx)

No Issue

### 2.2 Architectural Notebook

* Architectural Goals and Philosophy
* Assumptions and Dependencies
* Architectural Mechanisms, Constrains, and justifications
* Architectural Framework
* Architectural View

[https://interact2.csu.edu.au/courses/1/S-ITC303\_202160\_SM\_I/groups/\_68438\_1//\_1173837\_1/Architecture%20Notebook.docx](https://interact2.csu.edu.au/courses/1/S-ITC303_202160_SM_I/groups/_68438_1/_1173837_1/Architecture%20Notebook.docx)

No Issue

### 2.3 Risk Management

* Risk List
* Risk Response Strategy

<https://interact2.csu.edu.au/courses/1/S-ITC303_202160_SM_I/groups/_68438_1//_1173838_1/Risk%20Management.xlsx>

No Issue

### 2.4 Use Case Documentation

* Use Case Description
* Use Case Diagram

[https://interact2.csu.edu.au/courses/1/S-ITC303\_202160\_SM\_I/groups/\_68438\_1//\_1173828\_1/Full%20Use%20Case%20Description.docx](https://interact2.csu.edu.au/courses/1/S-ITC303_202160_SM_I/groups/_68438_1/_1173828_1/Full%20Use%20Case%20Description.docx)

No Issue

### 2.5 Non-Functional Requirement Specification

* System-Wide Requirement Specification
* NFR Specification (Usability, Reliability, Performance, Supportability)
* System Interface
* Business Rule
* System Constraints
* System Compliance
* System Documentation

<https://interact2.csu.edu.au/courses/1/S-ITC303_202160_SM_I/groups/_68438_1//_1173977_1/NFR.docx>

No Issue

### 2.6 Master Test Plan

* Assignment Formulation
* Documentation
* Test Strategy
* Approaches
* Organization
* Infrastructure
* Management
* Test Process Risks and Countermeasures

[https://interact2.csu.edu.au/courses/1/S-ITC303\_202160\_SM\_I/groups/\_68438\_1//\_1173876\_1/Master%20Test%20Plan.doc](https://interact2.csu.edu.au/courses/1/S-ITC303_202160_SM_I/groups/_68438_1/_1173876_1/Master%20Test%20Plan.doc)

At the time of this document creation, the master test plan cannot be fully developed as there is some part of the project that has not been clearly defined.

### 2.7 Initial Project Plan

* Project organization
* Project Practice and Measurements
* Deployment
* Project Milestones and Objectives

<https://interact2.csu.edu.au/courses/1/S-ITC303_202160_SM_I/groups/_68438_1//_1174030_1/Project%20Plan.docx>

No Issues

## 2.8 Domain Class Diagram

[https://interact2.csu.edu.au/courses/1/S-ITC303\_202160\_SM\_I/groups/\_68438\_1//\_1173965\_1/Basic%20Domain%20Class%20Diagram.PNG](https://interact2.csu.edu.au/courses/1/S-ITC303_202160_SM_I/groups/_68438_1/_1173965_1/Basic%20Domain%20Class%20Diagram.PNG)

## 3. General Issues

### 3.1 Time

Group 2 “Runtime Terror” has a diverse availability time, making it hard to make time for group discussions.

### 3.2 Deliverables

In the process of creating the deliverables and assigning tasks between each member, there are some deliverables that are almost forgotten.

### 3.3 Master Test Plan

Designing the master test plan have proved to be difficult with some part of the project that have not been properly defined

## 4 Summary – Overall Project Progress

 So far, the project is starting to move forward and every member already built a decent idea or mental image on what the project is and the aim of the project. The project is not envisioned to be beyond our capabilities and is within a reasonable time to be developed.