

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 bring an online presence to local / small cafes like university cafes. This is embodied in the completed Vision Document.

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

- Create account
- View account
- Sign in
- Sign out
- View loyalty reward balance
- View favourite order
- Delete favourite order
- Search menu
- View menu item
- Fill cart
- Empty cart
- View cart
- Place an order
- Book delivery
- Book pick-up
- View order
- Apply student discount
- Apply loyalty reward
- Add favourite order
- Book a table
- Edit table booking
- View active order
- Fill order
- Book a table
- View table booking
- Search table booking
- Delete table booking
- Edit table booking
- Add menu item
- View menu item
- Search menu item
- Delete menu item
- Edit menu item
- Book an event
- View event
- Search event
- Delete event
- Edit event
- View inventory
- Update inventory
- Delete inventory item
- Add inventory item

This is shown in the completed Functional Requirement model embodied in the [Use Case model](#).

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

- Usability
- Availability
- Security
- Reliability
- Audit
- Integrity
- Compatibility

This is shown in the completed Non-Functional Requirement model embodied in the [NFR specification document](#) and the [NFR checklist](#).

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-Layer architecture which utilises a user interface layer, a business layer and a database layer which requests made by a user are sent through starting from the top layer (UI layer) and going through the other 2 layers and returns to the top layer to give feedback to the user. This is shown in the completed the [Candidate Software Architectures document](#) and Architecture Notebook.

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:

- Lack of project sponsor
- Coronavirus
- Team member (Jake) has a 5 subject commitment
- Lack of required knowledge and skills in the project team members

Our evolving understanding of risks is shown in the ongoing risk list and discussed further below in Section 4.

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:

<insert list of areas of concern and test strategies addressing those concerns>

This is shown in the completed Master Test Plan

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:

<insert target completion dates for key aspects of architecture, functionality, testing, and documentation here>

This is shown in the Initial Project Plan.

1.3 Skills required

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

- Android Studio
- XAMPP
- Coding in Java, php

<insert list of key tools and technologies here>

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

2. Deliverables

For each deliverable:

2.x <insert Document/Artefact name here>.

<identify any key points you wish to make about this particular deliverable>

<identify any issues encountered in producing the Document/Artefact, otherwise report as 'No Issues'>

3. General Issues

For each issue

3.x <insert Issue name here>

<identify any key points you wish to make about this particular non-deliverable-associated issue>

<say whether the issue is ongoing or resolved – if ongoing say what you are doing to monitor and manage it>

4. Risks

4.1 Lack of project sponsor

The

<identify any key points you wish to make about this particular risk>

<state the mitigation strategy you are using to address the risk>

<say whether the risk is ongoing or resolved>

4.2 Coronavirus

The

<identify any key points you wish to make about this particular risk>

<state the mitigation strategy you are using to address the risk>

<say whether the risk is ongoing or resolved>

4.3 Team member (Jake) has a 5 subject commitment

The

<identify any key points you wish to make about this particular risk>

<state the mitigation strategy you are using to address the risk>

<say whether the risk is ongoing or resolved>

4.4 Lack of required knowledge and skills in the project team members

The

<identify any key points you wish to make about this particular risk>

<state the mitigation strategy you are using to address the risk>

<say whether the risk is ongoing or resolved>

5 Summary – Overall Project Progress

The

<Summarise your progress against the aims of the Inception Phase>

<Summarise the status of any ongoing issues>

<Summarise the status of any ongoing risks>