 **FACULTY OF SCIENCE AND**

**ENGINEERING SEMESTER 2, 2018**

**IAB330: Mobile App Development**

**Assignment 3: App Prototype** **Due Date: Friday, 2ndNov 2018, 11:59 pm**

**Assignment submission as a team through Blackboard**

**Weight: 50%**

You must sign below. By signing this form, you agree to the following:

We declare that all of the work submitted for this assignment is our own

original work except for material that is explicitly referenced and for which we have permission, or which is freely available (and also referenced)

The assignment shall be conducted in a team of 3-4 students, each team member must sign, as it is a formal agreement that represents that everyone is contributing to the whole assignment.

|  |  |  |
| --- | --- | --- |
|  | **Team Member Detail** | **s** |
| **Student Number** | **Student Name** | **Signature** |
| N10000569 | Sean O'Connell |  |

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# User Stories

|  |  |  |
| --- | --- | --- |
| Story ID | User Story | Status |
| 1 | As a user, I want to register an account so that I can use the system. | Complete |
| 2 | As a user, I want to sign into my account so that I can use the system with more control and customisability. | Complete |
| 3 | As a user, I want to create a new host instance so that I can create and control events. | Complete |
| 4 | As a user, I want to create a guest host instance so that I can join and vote for songs in events. | Complete |
| 5 | As a host, I want to create a set list so that I can allow people to vote for the songs at an event. |  |
| 6 | As a host, I want to create an event so that I can give the audience more control of the upcoming songs at an event. |  |
| 7 | As a guest, I want to find an event so that I can vote for my favourite songs at events. |  |
| 8 | As a guest, I want to join an event so that I can make my experience better with the host playing my favourite songs. |  |
| 9 | As a host, I want to see how much time I have left in the event so that I can plan the amount of upcoming songs and to see if I can fit an upcoming song into the remaining time. |  |
| 10 | As a guest, I want to vote on songs so that I can enjoy the experience at the event. |  |

# User Interface

# Software Architecture

# Testing and Quality Assurance Strategy

# Reflection on Learning

**User Stories**

Provide a revised list of your MVP user stories from Assignment 2 and indicate their implementation status.

Include any nice-to-have features you may have implemented.

*If you did not manage to complete the MVP implementation, explain how*

*you intended to implement the missing features.*

**User Interface**

Include screenshots of the primary screens of your app, and explain their functionality.

**Software Architecture**

Provide a diagram (e.g. UML) of your entire software architecture.

Discuss how your architecture changed/evolved compared to the one proposed in Assignment 1 during the implementation process.

Explain the reasons behind the changes and what factors influenced the evolution of your software achitecture.

**Testing and Quality Assurance Strategy**

Explain which testing methods you used and how you applied them in order to assure the quality of your app.

**Reflection on Learning**

Summarize the faced challenges and difficulties and how your team resolved them.

Focus on technical, project management, design and/or teamwork challenges.

Elaborate on what you learned during this semester as a team.