**Release and Sprint 1 Plan**

**Team Number: 6**

|  |  |
| --- | --- |
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Tutor: Tara Capel  
Workshop: Wednesday 11:00 – 13:00

Version: 1.5 - Final

Date: 21/03/2018

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Release Plan

# Release 1

Delivery date: **01/06/2018** Total Story Points: **32**

Develop a database to function as the core of the application. Via a basic landing page, Students & Teachers will be able to view and edit their schedule and will have a profile page displaying all relevant information. The Admin will be able to edit the schedule, view lesson history and view the profiles of staff and students. There will be an instrument inventory which is editable by the admin.

## Application Core

Develop the database and core app features including landing page, page profiles and a lesson schedule for all entities (No profile for administrator).

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 27 | Basic Pages 1 | 4 |
| 1 | View Schedule 1 | 2 |
| 3 | Contact Information 1 | 2 |
|  | **Story Point Sub-Total:** | **8** |

## Administrator Features

Develop the features which allow a site administrator, and product owner (Music School Owner) to make changes to the data stored within the database.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 15 | Attendance Records | 2 |
| 10 | Administrator Database Interaction 1 | 4 |
| 16 | Search Teacher & Student Profiles 1 | 2 |
|  | **Story Point Sub-Total:** | **8** |

## Student Features

Develop features unique to the student facing portion of the application.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 6 | Teacher Selection | 1 |
| 9 | Instrument Selection for Lesson | 2 |
| 21 | Teacher Feedback | 4 |
|  | **Story Point Sub-Total:** | **7** |

## Teacher Features

Develop the database and core app features including page profiles and a lesson schedule.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 12 | Teacher Availability | 4 |
| 5 | Student Feedback | 4 |
| 7 | Guardian Contact Information 1 | 1 |
|  | **Story Point Sub-Total:** | **9** |

# Release 2

Delivery date: 27/07/2018 Total Story Points: **40**

The purpose of the second release is to build upon the foundation formed by completing the tasks associated with each story in the first release. This will be achieved by implementing an enriched feature set, largely containing stories that were prioritised as ones that SHOULD be available to users of the (web) application.

## Application Core

Further develop the database and introduce additional features that have a direct impact on the usability and client-facing interface.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 2 | Edit Schedule | 4 |
|  | Story Point Sub-Total: | 4 |

## Administrator Features

Introduce features which allow a site administrator, and product owner (Music School Owner) to view the feedback on a given lesson left by the student and teacher. Also introduce the ability to generate contracts based on information stored within the Database.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 29 | Admin Viewing Feedback | 4 |
| 23 | Contract Generation | 4 |
|  | Story Point Sub-Total: | 8 |

## Student Features

Introduce features which allow a student (new, or existing) to nominate English as their second language, and provide an interface which provides students with the ability to hire an instrument for future lessons.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 8 | English Second Language Student | 2 |
|  | Story Point Sub-Total: | 2 |

## Teacher Features

Develop feature that allows a teacher to leave feedback for the student.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 5 | Student Feedback | 4 |
|  | **Story Point Sub-Total:** | **4** |

## 

## Additional Features

Additional features have been categorically prioritised as being desirable, but not pivotal to the operation and success of the product. These additional features provide the owner (and admins) to produce and export reports on lessons, teachers, and students; based on recorded and stored data. In addition, the owner will have the ability to automatically generate, and deliver invoices to their students (or guardians).

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 11 | Reports | 8 |
| 24 | Invoicing | 16 |
|  | Story Point Sub-Total: | 24 |

# Release 3

Delivery date: 21/09/2018 Total Story Points: 40

Release 3 extends the application to include Job Applications & a real time Instrument Hire feature.

## Job Applications

This feature offers the ability for prospective teachers to apply for positions and for the admin of the app to view/download applications.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 28 | Job Application Teacher | 16 |
| 25 | Job Application Admin | 8 |
|  | Story Point Sub-Total: | 24 |

## Instrument Hire

The Instrument Hire feature allows students to book instruments to loan, check them in and out. The admi will have the ability to monitor the instruments hire status & condition.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 26 | Instrument Hire Student | 8 |
| 30 | Instrument Hire Admin | 8 |
|  | Story Point Sub-Total: | 16 |

# 

# Delivery Schedule

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 |
| Sprint 1 | | | | Sprint 2 | | | |
| Release 1 | | | | Release 1 | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 14 | Week 15 | Week 16 | Week 17 | Week 18 | Week 19 | Week 20 | Week 21 |
| Sprint 3 | | | | Sprint 4 | | | |
| Release 2 | | | | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 22 | Week 23 | Week 24 | Week 25 | Week 26 | Week 27 | Week 28 | Week 29 |
| Sprint 5 | | | | Sprint 6 | | | |
| Release 3 | | | | | | | |

Sprint Plan

# Sprint 1

Total Story Points: 15 Total Hours: 30

Estimated Velocity: 15

## Story 27: Basic Pages

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Implement landing page | 1 |  |
| T02 | Implement login system | 2 |  |
| T03 | Implement register system | 2 |  |
| T04 | Implement Stylesheet and Scripts | 2 |  |
| T05 | Verify story is complete | 1 |  |
|  | Story Points: 4 Total Hours: | 8 |  |

## Story 01: View Schedule

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T06 | Develop empty calendar | 1 |  |
| T07 | Write SQL read queries | 1 |  |
| T08 | Display information in calendar | 1 |  |
| T09 | Verify story is complete | 1 |  |
|  | Story Points: 2 Total Hours: | 4 |  |

## Story 03: Contact Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T10 | Develop blank profile view | 2 |  |
| T11 | Display contact information on profile via SQL query | 1 |  |
| T12 | Verify story is complete | 1 |  |
|  | Story Points: 2 Total Hours: | 4 |  |

## Story 10: Administrator Database Interaction

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T13 | Develop view for editing database | 2 |  |
| T14 | Write SQL read queries | 1 |  |
| T15 | Write SQL update queries | 3 |  |
| T16 | Write SQL delete queries | 1 |  |
| T17 | Verify story is complete | 1 |  |
|  | Story Points: 4 Total Hours: | 8 |  |

## 

## 

## Story 16: Search Teacher and Student Profiles

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T18 | Develop view for the search form | 1 |  |
| T19 | Write SQL queries to search database | 1 |  |
| T20 | Display results in a table as links to profile | 1 |  |
| T21 | Verify story is complete | 1 |  |
|  | Story Points: 2 Total Hours: | 4 |  |

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## Story 07: Guardian Contact Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T22 | Display guardian information for users under 18 on student profile | 1 |  |
| T23 | Verify story is complete | 1 |  |
|  | Story Points: 1 Total Hours: | 2 |  |