**Release and Sprint Plans**

**Team Number**

|  |  |
| --- | --- |
| Student Number | Team Member Name |
| N8618828 | Nicholas Gaffney |
| N10003665 | Jayden Dao |
| N9456279 | Timothy Jebsen |
| N9470379 | Yu Gen Yeap |
|  |  |
|  |  |

Tutor: Jesse St Germaine

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Release Plan

# Release 1

Delivery date: 29/05/18 Total Story Points:56

The goal of this release is to provide an initial website that includes all the core functionality that our client requires to have a Music School organisational website.

## Main Pages

The Pinelands Music Schools website will require pages detailing the schools contact information, current courses available and basic information regarding the school. This feature will also contain the time it takes to ensure the website is served on a server

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| PS08 | Homepage | 9 |
| PS09 | About Page | 2 |
| PS12 | Contact Page | 2 |
| PS13 | View Courses | 2 |
|  | Story Point Sub-Total: | 15 |

## Teacher and Student Accounts

These user stories will allow for creation and use of the different user accounts required for Students and Teachers and allow them to log into and out of the website

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| PS01 | Student Creates Account | 6 |
| PS05 | Admin Create Teacher Account | 6 |
| PS10 | Login Page | 3 |
| PS21 | Logout Page | 2 |
| PS11 | Forgot Password | 2 |
|  | Story Point Sub-Total: | 19 |

## Student Lesson Registration

These user stories will allow for students to sign up for the classes they wish to take and form the required contracts with their teachers to determine the cost and the start and end date of the lessons.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| PS02 | Student Register for classes | 9 |
| PS06 | Teacher creates contracts w/ Students | 8 |
| PS07 | Teacher view booked classes | 3 |
| PS17 | Admin Limit Lessons for Students | 2 |
|  | Story Point Sub-Total: | 22 |

# Release 2

Delivery date: N/A Total Story Points: 51

This release hopes to expand on many of the core ideas laid out in Release 1, focusing on the user experience for both students and the admin. The student will be granted new and more intricate interactions with the website from payments to instrument hire. The Admin user will be introduced to a large number of features aimed at improving and easing the running of the administration roles required for the Music school from custom reports to managing teacher’s contracts.

## Improve Student Experience

These User Stories hope to improve the user experience of the students, predominately making it easier to manage and view the history of their classes. One of the additional features is providing the student with a unique profile detailing many of the things students would be concerned with, upcoming classes, pending and accepted classes, etc. Another is that students will also be able to make direct contact through the website with their teacher allowing them to receive better and more constant feedback as well as potentially reschedule classes.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| PS03 | Student Create Profile | 4 |
| PS04 | Student Contacts Teacher | 2 |
| PS19 | Student hires previous instrument | 4 |
| PS20 | Log of previous lessons | 3 |
| PS23 | Payment for classes via website | 12 |
|  | Story Point Sub-Total: | 25 |

## School Management Features

These User Stories are to add the necessary backend support to have the website support and enhance the various administrator requirements required for running Pinelands Music School. An example of this is being able to track the various instruments owned by the school. For instance, an admin will be able to see who is currently renting the instrument but also see a history of individual items, seeing to whom they have been rented to, when it was sent to repairs, etc. Another page will be an administration reports page which will allow for the implementation of various reports, such as which classes are most popular, which teachers are earning the most revenue, etc. This page would be designed so that the user could request a new report and have the request turned around in under a week.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| PS14 | Track instruments | 4 |
| PS15 | Admin manage teacher contracts | 6 |
| PS16 | Admin get feedback from students about teachers | 3 |
| PS18 | Admin report page | 7 |
| PS22 | Admin Create Other Admin Accounts | 6 |
|  | Story Point Sub-Total: | 26 |

# 

# Delivery Schedule

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
| Sprint 3 | | | | Sprint 4 | | | |
| Release 2 | | | | | | | |

## Estimated Velocity:

4 Group Members \* 4 Weeks/Sprint \* 5 Days/Week

= 80 Ideal Days

⅓ \* 80 Ideal Days

= 27 Ideal Days

1 Ideal Day = 8 Hours

Sprint Plan

# Sprint 1

Total Story Points: 21 Total Hours: 160

## Current Velocity: 27

## Story ID: Homepage

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Design HTML homepage | 4 | 4 |
|  | Create HTML homepage | 6 | 5 |
|  | Create navigation bar | 6 | 5 |
|  | Test connection to database | 4 | 3 |
|  | Verify story is complete(acceptance criteria) | 4 | 3 |
|  | Story Points: 3 Total Hours: | 24 | 20 |

## Story ID: Students create account

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Design HTML page and form | 5 | 5 |
|  | Create form on HTML page | 8 | 7 |
|  | Create student account table | 8 | 9 |
|  | Setup JavaScript regular expressions to check form details | 13 | 11 |
|  | Write SQL to create student account | 4 | 3 |
|  | Connect to database | 2 | 2 |
|  | Submit form details via PHP | 5 | 4 |
|  | Write automated unit test | 6 | 7 |
|  | Verify story is complete(acceptance criteria) | 5 | 4 |
|  | Story Points: 7 Total Hours: | 56 | 52 |

## Story ID: Admin create teachers accounts

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Design HTML page and form | 5 | 5 |
|  | Create form on HTML page | 8 | 7 |
|  | Create teacher account table | 8 | 10 |
|  | Setup JavaScript regular expressions to check form details | 13 | 10 |
|  | Write SQL to create teacher account | 4 | 2 |
|  | Connect to database | 2 | 2 |
|  | Submit form details via PHP | 5 | 4 |
|  | Write automated unit test | 6 | 8 |
|  | Verify story is complete(acceptance criteria) | 5 | 3 |
|  | Story Points: 7 Total Hours: | 56 | 51 |

## Story ID: About page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Design HTML page | 2 | 3 |
|  | Create HTML page | 6 | 4 |
|  | Verify story is complete(acceptance criteria) | 3 | 3 |
|  | Story Points: 2 Total Hours: | 12 | 10 |

## Story ID: Contact page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Design HTML Page | 2 | 3 |
|  | Create HTML page | 6 | 4 |
|  | Verify story is complete(acceptance criteria) | 3 | 3 |
|  | Story Points: 2 Total Hours: | 12 | 10 |

## 

# Sprint 2

Total Story Points: 31 Total Hours: 203

## Current Velocity: 21

## Story ID: View courses

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Design HTML page | 1 | 3 |
|  | Create HTML page | 2 | 3 |
|  | Create course table | 3 | 4 |
|  | Write SQL to execute to see all current courses available | 2 | 1 |
|  | Use JavaScript to build into HTML format | 4 | 4 |
|  | Write automated unit test | 2 | 4 |
|  | Verify story is complete(acceptance criteria) | 2 | 2 |
|  | Story Points: 2 Total Hours: | 16 | 21 |

## Story ID: Teacher view booked classes

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Design HTML page | 1 | 2 |
|  | Create HTML page | 2 | 2 |
|  | Create classes table | 6 | 4 |
|  | Use PHP and SQL to retrieve booked classes for specific teacher | 5 | 4 |
|  | Use JavaScript to build into HTML format | 6 | 5 |
|  | Write automated unit test | 2 | 4 |
|  | Verify story is complete(acceptance criteria) | 2 | 2 |
|  | Story Points: 3 Total Hours: | 24 | 23 |

## Story ID: Student register for classes

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Design webpage layout | 6 | 4 |
|  | Create basic HTML page | 4 | 3 |
|  | Use PHP and SQL to get list of classes | 8 | 6 |
|  | Use JavaScript to build into HTML format | 12 | 14 |
|  | Clickable class links to contract page | 4 | 5 |
|  | View prefilled contract and submit for acceptance | 8 | 7 |
|  | Write automated unit test | 10 | 12 |
|  | Verify story is complete(acceptance criteria) | 2 | 3 |
|  | Story Points: 9 Total Hours: | 72 | 54 |

## 

## Story ID: Teacher creates contract with students

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Design webpage layout | 6 | 5 |
|  | Create basic HTML page | 5 | 4 |
|  | Create contracts database | 5 | 4 |
|  | Create form to add contract/class details | 8 | 7 |
|  | Use PHP and SQL to submit contract details | 6 | 5 |
|  | Use PHP and SQL to get pending contract details | 6 | 4 |
|  | Display list of pending contracts with details | 8 | 10 |
|  | Be able to approve or reject contract | 6 | 5 |
|  | Write automated unit test | 8 | 10 |
|  | Verify story is complete(acceptance criteria) | 6 | 4 |
|  | Story Points: 8 Total Hours: | 64 | 58 |

## Story ID: Login Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Design Webpage Layout | 4 | 3 |
|  | Create HTML page form | 3 | 2 |
|  | Check against database if valid user and get back unique Id | 4 | 7 |
|  | Perform PHP login | 8 | 6 |
|  | Write automated unit test | 3 | 4 |
|  | Verify story is complete(acceptance criteria) | 2 | 2 |
|  | Story Points: 3 Total Hours: | 24 | 24 |

## Story ID: Logout

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Design Layout | 2 | 2 |
|  | Create HTML logout button | 2 | 2 |
|  | Perform PHP logout | 4 | 5 |
|  | Write automated unit test | 5 | 6 |
|  | Verify story is complete(acceptance criteria) | 3 | 3 |
|  | Story Points: 2 Total Hours: | 16 | 18 |

## Story ID: Forget Password

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Design Webpages Layout | 2 | 2 |
|  | Create HTML pages | 2 | 3 |
|  | Update database with random password for user | 2 |  |
|  | Send new password to email address | 5 |  |
|  | Write automated unit test | 3 |  |
|  | Verify story is complete(acceptance criteria) | 2 |  |
|  | Story Points: 2 Total Hours: | 16 |  |

## Story ID: Admin limit lessons for students

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Have class registration to perform PHP and SQL check | 7 |  |
|  | Write automated unit test | 5 |  |
|  | Verify story is complete(acceptance criteria) | 4 |  |
|  | Story Points: 2 Total Hours: | 16 |  |