**Release and Sprint Plans**

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Release Plan

# Release 1

Delivery date: 29/05/18 Total Story Points:52

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. Short paragraph summarising this feature and its business value.

|  |  |  |
| --- | --- | --- |
| 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

Short paragraph summarising the goals for this release.

## Improve Student Experience

Short paragraph summarising this feature and its business value.

|  |  |  |
| --- | --- | --- |
| 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

Short paragraph summarising this feature and its business value.

|  |  |  |
| --- | --- | --- |
| 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:

## 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 |  |
|  | Verify story is complete(acceptance criteria) | 2 |  |
|  | Story Points: 2 Total Hours: | 16 |  |

## 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 |  |
|  | Verify story is complete(acceptance criteria) | 2 |  |
|  | Story Points: 3 Total Hours: | 24 |  |

## Story ID: Student register for classes

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

## 

## Story ID: Teacher creates contract with students

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

## 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 |  |

## Story ID: Login Page

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

## Story ID: Logout

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

## Story ID: Forget Password

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Design Webpages Layout | 2 |  |
|  | Create HTML pages | 2 |  |
|  | 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 |  |