**Release and Sprint Plans**

|  |  |
| --- | --- |
| Student Number | Team Member Name |
| 94952583 | Benjamin O’Brien |
| 9316817 | Kwan Ho Cheng |
| 9295631 | Andrew Reid |
| 9634339 | Chun Huei Fan |
| 9325689 | Shenwei Shao |
|  |  |

Tutor: Artem Kulakov

http://ec2-52-64-0-243.ap-southeast-2.compute.amazonaws.com/index.php

Version: 1.0

Date:21/08/2016

**Table of Contents**

[Release 1](#_30j0zll)

[Login and Registration](#_1fob9te)

[Database Editing](#_3znysh7)

[Website Interface](#_wmi5t7ncz8pc)

[Enrolment System](#_pl6jl2y51kwa)

[Release 2](#_2et92p0)

[Course Creation and Management](#_tyjcwt)

[Website Interface](#_8saz2oi88y0j)

[Database Edition](#_si0kbtpgzqgk)

[Notification System](#_3dy6vkm)

[Enrolment System](#_rl2zmcsjyzf4)

[Release 3](#_1t3h5sf)

[Feature Title 1](#_4d34og8)

[Feature Title 2](#_2s8eyo1)

[Delivery Schedule](#_17dp8vu)

[Estimated Velocity:](#_3rdcrjn)

[Sprint 1](#_35nkun2)

[Current Velocity:](#_1ksv4uv)

[Story ID: 01,22 Login System](#_44sinio)

[Story ID: 15, 18 User Registration](#_z337ya)

[Story ID: 4,6 Administrator Control Panel](#_i8ck9day3zqv)

[Story ID: 23 User profile](#_36ovp6omgdt3)

[Sprint 2 Plan](#_c29nhr7atkfz)

[Story ID: 20, 27 Course page for student](#_rbme34pviq70)

[Story ID: 5, 14, 16 Volunteer Course Management](#_xl5zckwkx9qn)

[Story ID: 15, 16, 20 Information of the websites](#_99xowy3pzd4u)

[Story ID: 31 Administrator Control Panel](#_7jp89hvbxdmp)

Release Plan

# Release 1

Delivery date: Total Story Points:

The goal of this release is to develop a working database and build an appropriate website so that data can be stored efficiently and users can rely on the system to store their information, focusing primarily on the core features integral to operating the meditation centre.

## Login and Registration

This is a critical element for this website to function. without features pertaining to the registration and login of users on the website, courses cannot be managed, there would be no way to track who has volunteered for what course and there would be no way to identify individuals within the system.

~~~~~~~~~~~~~~~~~

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 1 | Manager Login | 2 |
| 15 | Member Registration | 1 |
| 18 | Medical and Allergy Information (Part of registration) | 2 |
| 22 | Student Login | 2 |
|  | Story Point Sub-Total: | 7 |

## Database Editing

This is the back-end development that will be the crux of organisation within our system. The database will store information related to all users of the database, to the courses created, the volunteers serving for the duration of the courses and many other elements and attributes of entities within the system.

~~~~~~~~~~~~~~~~~~~~

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 4 | Administrator is the Boss | 4 |
| 6 | Roles assignment to students | 2 |
| 18 | Medical and Allergies Information | 2 |
|  | Story Point Sub-Total: | 8 |

## 

## Website Interface

This feature of the release covers elements present these pages will include an aesthetically pleasing design promoting a calm theme that is easy to navigate and welcoming to the user.

~~~~~~~~~~~~~~~~~

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 5 | Attendance record (Administrator privilege) | 4 |
| 14 | Staff Noticeboards | 4 |
| 16 | "How to Donate" Page | 1 |
| 17 | "Contact Us" Page | 1 |
| 19 | Course Page | 7 |
| 20 | “About” Page | 2 |
| 23 | Update Student Profile page | 2 |
| 26 | Student Timetable - Viewing | 7 |
| 31 | Volunteer Application | 2 |
|  | Story Point Sub-Total: | 31 |

## Enrolment System

This is the critical element where users are able to enroll themselves into courses as students. This feature is critical to both students and old students as it allows all users to engage in the facility activities. There would be no meditation centre if users couldn’t enroll into meditation courses.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 8 | Course Creation | 4 |
|  |  |  |
|  |  |  |
|  | Story Point Sub-Total: | 4 |

# 

# Release 2

Delivery date: Total Story Points:

Short paragraph summarising the goals for this release.

## Course Creation and Management

This is a non-profit organisation that depends on its volunteers and staff to run the meditation centre. Therefore, it is imperative that there is a system that organises and coordinates these old students/volunteers appropriately.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 7 | Limitation of the waiting list | 2 |
|  |  |  |
| 32 | Volunteer work for the company | 2 |
|  | Story Point Sub-Total: | 4 |

## 

## Website Interface

This feature of the release covers elements present these pages will include an aesthetically pleasing design promoting a calm theme that is easy to navigate and welcoming to the user.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 11 | Viewing the roster page | 7 |
| 13 | Volunteer updating and viewing medical information | 3 |
|  |  |  |
|  |  |  |
|  |  |  |
|  | Story Point Sub-Total: | 1. |

## 

## 

## Database Edition

This is the back-end development that will be the crux of organisation within our system. The database will store information related to all users of the database, to the courses created, the volunteers serving for the duration of the courses and many other elements and attributes of entities within the system. \*\*\*\*\* Mentioned above.

Same business value and importance as database editing in release one; however these are more elements that take more time and take different methods to solve.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 29 | Account Password Changing | 4 |
|  |  |  |
|  | Story Point Sub-Total: | 4 |

## Notification System

This is a notification system that is crucial to the success of the business but not critical to the core functionality of the project; therefore a lot of these elements are being implemented for second release to balance the workload.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 2 | User Registration Confirmation | 3 |
| 3 | Response for not replying confirmation email of course enrolment | 2 |
| 9 | Staff working reminder(?) | 6 |
| 25 | Course attending confirmation | 6 |
| 27 | Course upcoming reminder | 4 |
| 30 | Password Recovery | 9 |
|  | Story Point Sub-Total: | 30 |

## Enrolment System

Whilst the enrollment system is a core function to the system, there are elements that pose quite a challenge and might take a lot more time than originally anticipated. Therefore, it can be said that elements such as a waiting list limitation and clarifying which students are able to enrol in which course pose this challenge.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 7 | Waiting list limitation | 2 |
| 24 | Waiting list | 3 |
| 28 | Course Enrolment | 4 |
| 33 | Old Student Course Enrolment | 5 |
|  | Story Point Sub-Total: | 14 |

# Release 3

Delivery date: Total Story Points:

Short paragraph summarising the goals for this release.

## Feature Title 1

Short paragraph summarising this feature and its business value.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
|  |  |  |
|  |  |  |
|  | Story Point Sub-Total: |  |

## Feature Title 2

Short paragraph summarising this feature and its business value.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
|  |  |  |
|  |  |  |
|  | Story Point Sub-Total: |  |

# Delivery Schedule

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 |
| Sprint 1 | | Sprint 2 | | Sprint 3 | | Sprint 4 | |
| Release 1 | | | | Release 2 | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 14 |  | Week 15 |  |  |  |  |  |
| Sprint 5 | | … | |  | |  | |
| Release 3, 4, … | | | | | | | |

## Estimated Velocity:

Sprint Plan

# Sprint 1 Plan

Total Story Points:75 Total Hours: 50

## Current Velocity:

## Story ID: 01,22 Login System

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate(h) | Taken |
| 01 | Create the field for user to login | 0.5 | 0.5 |
| 02 | Make Sure username/password is not empty | 0.5 | 0.5 |
| 03 | Encrypt the password and send to database | 0.5 | 0.25 |
| 04 | Ensure the username and password is existed in database | 0.5 | 0.25 |
| 05 | Make more options depends the identity | 1.5 | 3 |
|  | Story Points: 2 Total Hours: | 3.5 | 4.5 |

## Story ID: 15, 18 User Registration

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Create a register page | 0.5 | 1.5 |
| 02 | Create the fields for user to fill in details | 1 | 1 |
| 04 | Make a field for medical information | 1 | 0.5 |
| 03 | Create a submit button and fill in functions | 1 | 1 |
| 04 | Encrypt the information and send it to database | 0.5 | 0.5 |
| 05 | Make a record in database | 0.5 | 0.25 |
|  | Story Points: Total Hours: | 4.5 | 4.75 |

## 

## 

## 

## Story ID: 4,6 Administrator Control Panel

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Create a control panel page for administrator | 0.5 | 1 |
| 02 | Shows up the records of students and volunteers simply | 1 | 3 |
| 03 | Able to click on every records and forward it to option page | 1 | 2 |
| 04 | Shows up the details of the record | 0.5 | 2 |
| 05 | Making buttons for remove the record/modify the privilege of the record / | 1 | 2 |
| 07 | Send Query to database and refresh the page | 0.5 | 0.5 |
|  | Story Points: Total Hours: | 4.5 | 10.5 |

## Story ID: 23,18 User profile

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Create a profile page | 0.5 | 1 |
| 02 | Shows up the user details and details can be modified | 1 | 2 |
| 03 | Create a button to confirm changes | 1 | 0.5 |
| 04 | shows up the allergies and health information so that they can be modified | 0.5 | 0.5 |
| 05 | Send Query to database and refresh the page | 0.5 | 1 |
|  | Story Points: Total Hours: | 3.5 | 5 |

## Story ID: 8 Course Creation

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Create a control panel to create and modify courses. | 2 | 4 |
| 02 | Date picker to select course opening date | 1 | 1 |
| 03 | Set total amount of volunteers required | 0.5 | 1 |
| 04 | Set limits to number of students allowed. | 0.5 | 1 |
| 05 | Send Query to database and refresh the page | 0.5 | 0.5 |
|  | Story Points: Total Hours: | 4.5 | 7.5 |

## Sprint 2 Plan

## Story ID: 19, 26 Course page for student

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Create a course page | 0.5 | 0.25 |
| 02 | Shows up all the course and make a link to a single course | 1 | 2 |
| 03 | Make a button to enrol the course | 1.5 | 2 |
| 04 | Send Query to database and refresh the page | 0.5 | 0.25 |
|  |  |  |  |
|  | Story Points: Total Hours: | 4 | 4.5 |

## Story ID: 5, 14 Volunteer Course Management

## 

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Create a Panel Page | 0.5 | 0.5 |
| 02 | List up the options that volunteers could have | 0.5 |  |
| 02.1.1 | Attendance sheet: list up all the student that should be attend the course | 1 |  |
| 02.1.2 | Create tickboxes for ticking students and a button to submit | 1.5 |  |
| 02.2.1 | Issues Reporting: making a page to make a comment to the board | 2 | 1.5 |
| 02.2.2 | make a confirm button for it | 1 | 0.5 |
|  |  |  |  |
|  | Story Points: Total Hours: | 6.5 |  |

## Story ID: 15, 16, 17, 20 Information of the websites

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Create About page,How to donate page, Contact page | 0.5 | 0.5 |
| 02 | fill in the contents of these things | 1.5 | 1.0 |
|  | Story Points: Total Hours: | 2 |  |

## 

## Story ID: 31 Administrator Control Panel

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Make one more option to change user’s group on the control panel | 0.5 | 1 |
| 02 | Shows up the records of students | 1 | 0.5 |
| 03 | Click on the student record to change the group | 1 | 0.5 |
| 04 | Send Query to database and refresh the page | 0.5 | 0.5 |
|  | Story Points: Total Hours: | 3 | 2.5 |

## Actual User Stories Remaining and Ideal User Stories Remaining

RELEASE 1.0 SUMMARY

Across the course of release one, it is evident that learning a framework (YII2) proved to be both challenging yet highly beneficial for the production and development of the group project. There were a number of instances where the framework challenged us from a platform perspective in how we were going to host our website, and a number of mental exercises at first out of our experience level. However with perseverance, careful planning and specialisation within the group, where individuals work to our strengths, we were able to accomplish much more than we originally anticipated from the 1st sprint.

**SPRINT 3 PLAN**

## Story ID: 7, 32 Course Creation and Management

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Adjust the limitation of the waiting list as necessary. | 1.5 | 1 |
| 02 | Allow volunteers to submit up to five last courses they attended. | 1 | 1 |
| 03 | Show details of the course | 1 | 1 |
|  |  |  |  |
|  |  |  |  |
|  | Story Points: Total Hours: | 3.5 | 3 |

## Story ID: 7, 24, 28, 33 Enrolment System

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Adjust the limitation of the waiting list as necessary. | 1 | - |
| 02 | Allow registration into a waiting list if course is full | 1.5 | 1 |
| 03 | Allow students to enrol into courses. | 2 | 3 |
| 04 | Allow course enrolment for old students to volunteer | 2.5 | 3 |
|  |  |  |  |
|  | Story Points: Total Hours: | 7 | 7 |

## Story ID: 11 Website Interface

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Allow volunteers to view the roster timetable | 3.5 | 4 |
| 02 | Formatting and database information layout | 2 | 3 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  | Story Points: Total Hours: | 2.5 | 7 |

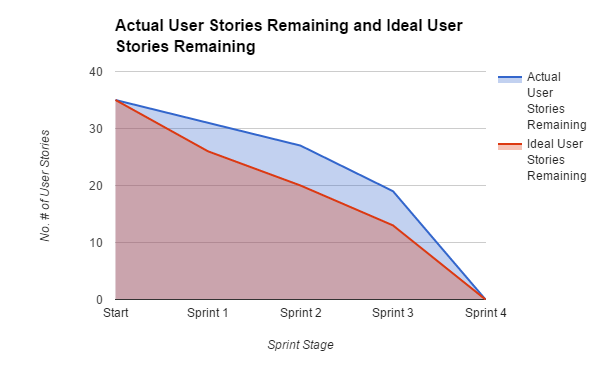
**SPRINT 4 PLAN**

## Story ID: 34 User Proofing

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Login, signup, login pages - input data formatting | 3 | 3 |
| 02 | Course creation, Report creation - input data formatting | 2 | 2 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  | Story Points: Total Hours: | 2.5 | 4 |

## Story ID: 35 System/Unit Testing

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Create System testing php scripts | 1 | 0.5 |
| 02 | Enter input field values | 1 | 1 |
| 03 | test development for output values in all dynamic table creations | 4 | 7 |
|  |  |  |  |
|  |  |  |  |
|  | Story Points: Total Hours: | 2.5 | 4 |



RELEASE 2.0 SUMMARY

On a number of occasions over the course of the semester there were instances where we thought we would struggle with regard to the development and completion of each of the user stories as a whole. It just goes to show that it is critical to break down each of the user stories into their smaller elements and communicate the common difficulty in implementing functionality. Even toward the end of the release (2) we found we were continually adding more user stories missed in the careful planning process. This proved to be highly useful and almost critical with regard to the production and functionality of our website. Documentation is everything when it comes to large scale projects like this. Being able to plan, calculate, develop and log all elements within a timeline can articulate production and provide guidance for the team in future iterations and developments.