**Release and Sprint Plans**

**Team Number:** 31

|  |  |
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**Version:** 1

**Date:** 22/03/2018

**Table of Contents**

[**Release 1**](#_30j0zll) **3**

[Website Navigation](#_1fob9te) 3

[Student and Teacher Accounts](#_3znysh7) 3

[Contracts and Lessons](#_diag1pphukez) 3

[Instrument management](#_tyjcwt) 3

[**Release 2**](#_2et92p0) **4**

[**Delivery Schedule**](#_17dp8vu) **5**

[Estimated Velocity:](#_26in1rg) 5

[**Sprint 1**](#_35nkun2) **6**

[Current Velocity:](#_1ksv4uv) 6

[Story 1: Welcome Page](#_44sinio) 6

[Story 5: Member Information](#_2jxsxqh) 6

[Story 3: Student Payment](#_z337ya) 6

[Story 4: Student Sign Up](#_qhr75fhp2o1) 7

[Story 6: Teacher Appointment](#_sfw60g1otnsk) 7

[Story 7: Manager Account Creation](#_fv7g0cb3axbn) 7

[**Sprint 2**](#_qjw4wwguvr5x) **7**

[Current Velocity:](#_tj2ajwzfiyxc) 7

[Story 2: Contract Creation](#_cfhkmsz9q5bw) 7

[Story 8: Instrument Management](#_90qcf5eo8tln) 8

Release Plan

# Release 1

Delivery date: 31st May 2018 Total Story Points: 44

Provide an initial website that allows Mika to have teachers employed and students enrolled at the school. It will also allow Mika to appoint managers and admins to run the school and the website respectively. Users will be able to check their personal details. Students will be able to book lessons and hire instruments.

## Website Navigation

This the the initial landing page for the website. Additionally it will be the gateway to further pages as those pages are added.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 001 | Welcome page | 4 |
|  | Story Point Sub-Total: | 4 |

## Student and Teacher Accounts

This is the essential functionality of the students and teachers at the school. This will allow students and teachers to have accounts, view their personal details, and will allow students to pay for their education. It will also allow Mika to appoint managers and admins.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 005 | Member Information | 4 |
| 003 | Student Payment | 8 |
| 004 | Student Signup | 4 |
| 006 | Teacher Appointment | 4 |
| 007 | Manager Account Creation | 8 |
|  | Story Point Sub-Total: | 28 |

## Contracts and Instrument Management

This will allow Mika to create contracts between students and teachers. Students will then be able to book lessons based on the parameters of their contract, using hired instruments that are stored and managed by the school.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 002 | Contract Creation | 8 |
| 008 | Instrument management | 4 |
|  | Story Point Sub-Total: | 12 |

# Release 2

Delivery date: To be negotiated Total Story Points: 44

These tasks would enable students to commence lesson with the instrument of their choosing, and with the specifications desired.

**Website Pages**

These are the pages that give users the ability gain a better understanding about the school and a way to contact them.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 012 | About Us Page | 2 |
| 009 | Contact Us Page | 2 |
| 011 | FAQ Page | 4 |
| 014 | Meet the Staff Page | 4 |
| 016 | Sample Videos | 8 |
| 018 | What’s On | 4 |
| 019 | User Stories | 4 |
|  | Story Point Sub-Total: | 28 |

**Growth**

This allows the school to increase the number of teachers employed and the number of schools being run.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 013 | Teacher Application | 4 |
| 010 | Teacher Feedback | 4 |
| 017 | Various Locations | 4 |
|  | Story Point Sub-Total: | 12 |

**Instrument Management**

This allows the school to manage it’s stock of instruments.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 015 | Instrument Sales | 4 |
|  | Story Point Sub-Total: | 4 |

# 

# 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 |  |  |  |  |  |
| Sprint 3 | | | |  | |  | |
| Release 2, 3, … | | | | | | | |

## Estimated Velocity: 33 Story points at 10 hours per day.

Sprint Plan

# Sprint 1

Total Story Points: 24 Total Hours: 182

## Current Velocity: 33

## Story 1: Welcome Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 000 | Create GUI mockup | 4 |  |
| 001 | Create main page for the website | 8 |  |
| 002 | Create the option to login from the main page | 4 |  |
| 003 | Generate encryption for login details | 4 |  |
| 004 | Write test cases | 4 |  |
| 005 | Create logo and slogan for the website | 4 |  |
| 006 | Test new functionality | 2 |  |
| 007 | Verify story is complete | 2 |  |
|  | Story Points: 4 Total Hours: | 28 |  |

## Story 5: Member Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 000 | Create GUI mockup | 4 |  |
| 001 | Add an account page to the website for members to access | 8 |  |
| 002 | Write test cases | 4 |  |
| 003 | Information on the account page is retrieved from the database for respective members | 4 |  |
| 004 | Members are able to edit certain account details | 4 |  |
| 005 | Teachers require approval for the editing of their details | 4 |  |
| 006 | Test new functionality | 2 |  |
| 007 | Verify story is complete | 2 |  |
|  | Story Points: 4 Total Hours: | 28 |  |

## Story 3: Student Payment

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 000 | Create GUI mockup | 4 |  |
| 001 | Create an option for students to make payments | 4 |  |
| 002 | Show outstanding debt for respective student from the database on their accounts | 2 |  |
| 003 | Set up a payment page for online payments | 8 |  |
| 004 | Set up an automated payment option | 8 |  |
| 005 | Create an option for advanced payments | 8 |  |
| 006 | Write test cases | 4 |  |
| 007 | Verification is needed for each payment | 8 |  |
| 008 | Encryption for any sensitive information is enforced on the page | 16 |  |
| 009 | Test new functionality | 2 |  |
| 010 | Verify story is complete | 2 |  |
|  | Story Points: 8 Total Hours: | 61 |  |

## Story 4: Student Sign Up

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 000 | Create GUI mockup | 4 |  |
| 001 | Add sign up page to website | 8 |  |
| 002 | Create new student form | 8 |  |
| 003 | Write test cases | 4 |  |
| 004 | Information from new student form is added to database | 8 |  |
| 005 | Student data is restricted to certain users | 4 |  |
| 006 | Test new functionality | 2 |  |
| 007 | Verify story is complete | 2 |  |
|  | Story Points: 4 Total Hours: | 36 |  |

## Story 6: Teacher Appointment

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 000 | Create GUI mockup | 4 |  |
| 001 | Create new teacher form | 8 |  |
| 002 | Write test cases | 4 |  |
| 003 | Information from new teacher form is added to database | 8 |  |
| 004 | Manager can remove a teacher from the database | 4 |  |
| 005 | Test new functionality | 2 |  |
| 006 | Verify story is complete | 2 |  |
|  | Story Points: 4 Total Hours: | 28 |  |

# Sprint 2

Total Story Points: 20 Total Hours: 138

## Current Velocity: 33

## Story 7: Manager Account Creation

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 000 | Create GUI mockup | 4 |  |
| 001 | Create new manager form | 8 |  |
| 002 | Create new admin form | 8 |  |
| 003 | Write test cases | 4 |  |
| 004 | Information from new manager form is added to database | 8 |  |
| 005 | Information from new admin form is added to database | 8 |  |
| 006 | Manager and admins can be removed from the database | 4 |  |
| 007 | Test new functionality | 2 |  |
| 008 | Verify story is complete | 2 |  |
|  | Story Points: 8 Total Hours: | 44 |  |

## 

## Story 2: Contract Creation

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 000 | Create GUI mockup | 4 |  |
|  | Create contract form to be filled by manager | 8 |  |
|  | Create contract database | 8 |  |
|  | The teacher involved receives a copy of the contract and can reject or accept it | 8 |  |
|  | The student involved receives a copy of the contract and can reject or accept it | 8 |  |
|  | Teachers and students can request changes to the contract | 4 |  |
|  | The manager can alter the contract | 4 |  |
|  | Teachers and students can request a termination of the contract | 4 |  |
|  | The manager can terminate the contract | 4 |  |
|  | Write test cases | 4 |  |
|  | Test new functionality | 2 |  |
|  | Verify story is complete | 2 |  |
|  | Story Points: 8 Total Hours: | 56 |  |

## Story 8: Instrument Management

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 000 | Create GUI mockup | 4 |  |
| 001 | Create instrument process model | 8 |  |
| 002 | Create instrument database table | 8 |  |
| 003 | Managers can insert, update and drop rows in the instrument database | 4 |  |
| 004 | Instruments are sorted by storage location | 2 |  |
| 005 | Students can hire unhired instruments, when they do so the instruments status is changed to hired | 8 |  |
| 006 | Write test cases | 4 |  |
| 007 | Test new functionality | 2 |  |
| 008 | Verify story is complete | 2 |  |
|  | Story Points: 4 Total Hours: | 38 |  |