**Release and Sprint Plans**

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|  |  |
| --- | --- |
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Git Link: https://github.com/MichaelDevenish/IFB299MusicSchool.git

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Release Plan

# Release 1

Delivery date: Week 9 Total Story Points: 77

Short paragraph summarising the goals for this release.

## Database System

Database implementation, accessing stored data.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S03 | Student Instrument Database Access | 1 |
| A05 | Admin Database Searching | 1 |
| A06 | Admin Database Editing Student Data | 2 |
| A07 | Admin Database Editing Instrument Data | 4 |
| Pr02 | Principal Database Access | 4 |
|  | Story Point Sub-Total: | 12 |

## Timetable Access

A timetable for students/teachers/principal to view and admin to edit.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S01 | Student Timetable Viewing | 4 |
| S05 | Student Timetable Sorting | 4 |
| T02 | Teacher Timetable Viewing | 2 |
| A03 | Admin Timetable Editing | 16 |
| Pa05 | Parent Timetable Viewing | 4 |
|  | Story Point Sub-Total: | 30 |

## Contact

Different users of the site need to be able to contact admins and management.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S04 | Basic Student Admin/Teacher Contact | 1 |
| T06 | Teacher Principal Contact | 2 |
| A04 | Admin Receive Enquiries From Student/Teachers | 4 |
| Pa09 | Parent Admin/Teacher Contact | 1 |
|  | Story Point Sub-Total: | 6 |

## Music School Information

Different users of the site need to be able to contact admins and management.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| Pa07 | Parent Viewing Music School Information | 2 |
| S05 | Student Timetable Sorting | 4 |
| T02 | Teacher Timetable Viewing | 2 |
| A03 | Admin Timetable Editing | 16 |
| Pa05 | Parent Timetable Viewing | 4 |
|  | Story Point Sub-Total: | 30 |

# Release 2

Delivery date: Total Story Points: 76

Implementing a basic login system as well as upgrading previous features.

## Contact Upgrade

Inbuilt message system to email admins.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S04 | Inbuilt Student Administrator Contact | 4 |
| T01 | Teacher Request View Upgrade | 4 |
| A02 | Admin Bookings Control | 16 |
|  | Story Point Sub-Total: | 24 |

## Login

Individual login access for every user of the application.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| A01 | Admin Appointment Details Editing | 16 |
| A03 | Admin Timetable Management | 16 |
| T05 | Teacher View | 4 |
|  | Story Point Sub-Total: | 36 |

## Report/Database Upgrade

Report card of relevant student information and history search feature.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S05 | Student Teacher Language | 4 |
| S06 | Student Teacher Experience | 4 |
| T03 | Teacher Student Information | 8 |
|  | Story Point Sub-Total: | 16 |

# Release 3

Delivery date: Total Story Points: 30

Implementing an online payment system and email notifications.

## Upgraded Payment System

Online payments accepted for students.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| Pa04 | Lesson/Instrument Payments | 16 |
|  | Story Point Sub-Total: | 16 |

## Email Notifications

Students/Parents/Teacher notified when a time frees up.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S07 | Student Timetable Notification | 8 |
| T02 | Teacher Timetable Notification | 4 |
|  | Story Point Sub-Total: | 12 |

# 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: 8

Sprint Plan

# Sprint 1

Total Story Points: 20 Total Hours: 15

## Current Velocity: 4

## Story ID: A06

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T00 | Database Layout (paper) | 1 hour | 30mins |
| T01 | Table/Rows Creation | 4 hours | 1.5 hour |
| T02 | Placeholder Data | 2 hours | 1.5 |
|  | Story Points: Total Hours: | 7 hours | 3.5 |

## Story ID: Pa06

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T03 | Interface Design (paper) | 1 hours | 1 hours |
| T04 | Static Design | 3 hours | 4 hours |
| T05 | Basic Functionality | 4 hours | 3 hours |
|  | Story Points: Total Hours: | 8 hours | 8 hours |

# ­ Sprint 2

Total Story Points: 30 Total Hours: 20.5

## Current Velocity: 4

## Story ID: S07

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T06 | Timetable Layout | 2 hours | 2 hours |
| T07 | Write Code to Autofill Timetable from Database | 2 hours | 3 hours |
| T08 | Data Sorting | 6 hours | 2 hours |
|  | Story Points: Total Hours: | 10 hours | 7 hours |

## Story ID: A03

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T09 | Admin Login to Enable Editing | 3 hours | 3 hours |
| T10 | Admin Timetable Editing | 4 hours | 4 hours |
| T11 | Admin Data Submission | 2 hours | 1 hours |
|  | Story Points: Total Hours: | 9 hours | 9 hours |

## Story ID: S04

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T12 | Create GUI that supplies the student with an email for each teacher | 1 hour | 1 hour |
|  | Story Points: Total Hours: | 1 hour | 1 hour |

## Story ID: Pa07

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T13 | Add school information section | 30 min | 30 min |
|  | Story Points: Total Hours: | 30 min | 30 min |

# Sprint 3

Total Story Points: 36 Total Hours: 17.5

## Current Velocity: 4

## Story ID: A04

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T14 | Add new table to database | 30 mins | 30mins |
| T15 | Setup Messaging System on GUI | 2 hours | 5 hours |
|  | Story Points: Total Hours: | 2.5 hours | 5 hours |

## Story ID: T05

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T16 | Implementing language search | 2 hours | 2 hours |
| T17 | Implement experience search | 2 hours | 2 hours |
|  | Story Points: Total Hours: | 4 hours | 4 hours |

## Story ID: PA01

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T16 | Implement login system | 3 hours | 3hours |
| T17 | Implement signup system | 4 hours | 4hour |
|  | Story Points: Total Hours: | 7 hours | 7hours |

## Story ID: A06

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 18 | Implement instrument database manipulation | 4 hours | 4hours |
| 19 | Story Points: Total Hours: | 4 hours | 4hours |

# Sprint 4

Total Story Points: 16 Total Hours: 20

## Current Velocity: 4

## Story ID: PA06

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T20 | Fix resizing layout | 1 hour | 1 hour |
| T21 | Make the GUI much cleaner | 1.5 hours | 1.5 hours |
| T22 | Changing backgrounds | 3.5 hours | 3.5 hours |
|  | Story Points: Total Hours: | 6 hours | 6 hours |

## Story ID: T05

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T14 | Setting up lesson view for teachers | 1 hours | 1 hour |
| T15 | Teachers being able to make comments on lessons and check them off | 2.5 hours | 2.5 hours |
|  | Story Points: Total Hours: | 3.5 hours | 3.5 hours |

## Story ID: PA01

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T14 | Setting up lesson view for students | 1 hour | 1 hour |
|  | Story Points: Total Hours: | 1 hour | 1 hour |