**Release and Sprint Plans**

**Team 3**

|  |  |
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Release Plan

# Release 1

Delivery date: Total Story Points:

This release will contain the features and requirements deemed high priority. These have been determined based on a combined assessment from the client and development team. Within this release we expect to deliver: the framework and GUI of the website, create and link the database, the ability to log in to a management portal in each stakeholder perspective, develop methods of client interaction with the school as well as instrument management.

## GUI

Plan then design the GUI that will fit the Owners needs and that is user friendly

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S1 | Design/Create GUI | 7 |
|  | Story Point Sub-Total: | 7 |

## Database

The database is created, and then linked to the website. The users with the right permission can only modify what they have permission for in the database.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S2 | Create Database | 9 |
| S3 | Link Database | 6 |
|  | Story Point Sub-Total: | 15 |

## Log In Portal

Users can login into their accounts on the website and can only modify information which they have permission for.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S4 | Administrative Login Portal | 9 |
| S5 | Teacher Login Portal | 9 |
| S6 | Client Login Portal | 8 |
|  | Story Point Sub-Total: | 26 |

## Client Interaction

New Teachers can apply to become a teacher by filling in the application page. If teachers or students/parents want to find out more about the school they can just go to the “About Us” or ”Contact Us” page for more information about the school.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S7 | Teacher Application Page | 8 |
| S8 | About Us page | 6 |
| S9 | Contact Us page | 5 |
|  | Story Point Sub-Total: | 19 |

## Instrument Management

Users can see the cost of hiring the instrument and decide to hire it or not.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S10 | Instrument Hire Page | 5 |
|  | Story Point Sub-Total: | 5 |

# Release 2

Delivery date: Total Story Points:

This release will contain the features and requirements deemed medium/moderate priority. These have been determined based on a combined assessment from the client and development teams. Within this release we expect to deliver: means of social media engagement, enquiries as well as feedback for the music school.

## Social Media Engagement

The owner can promote, advertise and market the school through the means of social media platforms such as Facebook, Instagram, LinkedIn and any other suitable mediums.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S11 | Link Social Media | 4 |
|  | Story Point Sub-Total: | 4 |

## Contact/Enquiries

Users can get in touch with the school by filling the enquiry form on the page and sending it through the website. This is for occasions when a user wants to inquire during afterhours, so that the person suitable to answer their enquiries could answer them the next working day.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S12 | Client’s Enquiry capabilities | 3 |
| S13 | Teacher’s Enquiry capabilities | 3 |
|  | Story Point Sub-Total: | 6 |

## Feedback Page

The owner can receive feedback from students about the teachers that taught them and use the feedback to see if any improvements are needed to better the student’s experience. It will act as a survey tool on the website.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S14 | Feedback page | 4 |
|  | Story Point Sub-Total: | 4 |

# Release 3

This release will contain the features and requirements that will finalise the product before launch. These have been determined based on a combined assessment from the client and development teams. Within this release we expect to deliver: a tested platform that has been debugged of any major flaws, validation and security method for users, an appropriate backup and storage solution as well as any additional features that are considered lower priority to implement towards future iterations.

## Testing

The testing component will ensure seamless functionality for users and compatibility across multiple platforms/OS’s/browsers. This feature will allow any errors or bugs that are found to be addressed before product launch. Testing will ensure that the business owners’ delivery expectations are met, thereby leading to a complete and robust offering that is suitable to their clientele.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 15 | Testing of website | 7 |
|  | Story Point Sub-Total: | 7 |

## Security

This feature will include user validation/authentication, appropriate password and data encryption and the implementation of administrative features. By implementing this feature, it enables the business owner to deliver a secure access portal to their clientele. This prevents data being stolen, account information and personal information being accessed, and, in terms of the business owner having the ability to oversee/manage security threats.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 16 | Website Security | 4 |
|  | Story Point Sub-Total: | 4 |

## Backup and Storage

The backup and storage feature will determine the approach taken to backup and store data that is part of the business owner’s database, this includes: past, existing and future information. Backup and storage methods are essential to the business as it provides a point of redundancy in event of system failure, unexpected data loss or corruption and/or breaches.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 17 | Backup/Storage Implementation | 3 |
|  | Story Point Sub-Total: | 3 |

## 

## Extra Features

This component within the release pertains to additional features that are deemed lower priority or arbitrary in reference to the overall need assessment and requirements the business owner requires. Although this is seen as less important, it can add value for the business as it offers clients something more to look forward to our changes that can be implemented on future iterations based on feedback received.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 19 | Payment Portal | 4 |
| 20 | Request for Transcripts | 3 |
| 21 | Reviews Page | 2 |
| 22 | Events Page | 1 |
| 23 | Mobile Platform | 6 |
| 24 | Administrative FAQ Page | 5 |
|  | Story Point Sub-Total: | 21 |

# 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 3, 4, … | | | | | | | |

## Estimated Velocity: 40

Sprint Plan

# Sprint 1

Total Story Points: 74 Total Hours: 111

## Current Velocity: *undefined*

## Story 1: Design/Create GUI

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Plan the Prototype/Storyboard | 2.5 |  |
| T02 | Implement/code the GUI | 6 |  |
| T03 | Verify story is complete (acceptance test) | 2 |  |
|  | Story Points: 7 Total Hours: | 10.5 |  |

## Story 2: Design/Create Database

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T04 | Create a host (AWS) | 1 |  |
| T05 | Format database | 1 |  |
| T06 | Create relations | 1 |  |
| T07 | Create fields | 1 |  |
| T08 | Enforce data integrity | 1 |  |
| T09 | Denote keys | 1 |  |
| T10 | Store procedures for most frequent queries | 1.5 |  |
| T11 | Create indexes for most frequent relations | 1 |  |
| T12 | Verify story is complete (acceptance test) | 5 |  |
|  | Story Points: 9 Total Hours: | 13.5 |  |

## Story 3: Link Database

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T13 | Configure settings to MySQL | 3 |  |
| T14 | Access to MySQL API | 4 |  |
| T15 | Verify story is complete (acceptance test) | 5 |  |
|  | Story Points: 8 Total Hours: | 12 |  |

## Story 4: Administrative Login Portal

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T16 | Create form | 4 |  |
| T17 | Allocate permissions | 4 |  |
| T18 | Verify story is complete (acceptance test) | 5.5 |  |
|  | Story Points: 9 Total Hours: | 13.5 |  |

## Story 5: Teacher Login Portal

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T19 | Create form | 4 |  |
| T20 | Allocate permissions | 4 |  |
| T21 | Verify story is complete (acceptance test) | 5.5 |  |
|  | Story Points: 9 Total Hours: | 13.5 |  |

## Story 6: Client Login Portal

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T22 | Create form | 3 |  |
| T23 | Allocate permissions | 4 |  |
| T24 | Verify story is complete (acceptance test) | 5 |  |
|  | Story Points: 8 Total Hours: | 12 |  |

## Story 7: Teacher Application Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T25 | Create form | 3 |  |
| T26 | Apply verification to input fields | 3 |  |
| T27 | Send form input to owner | 2 |  |
| T28 | Verify story is complete (acceptance test) | 4 |  |
|  | Story Points: 8 Total Hours: | 12 |  |

## Story 8: FAQ Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T29 | Put information onto page | 3 |  |
| T30 | Verify story is complete (acceptance test) | 6 |  |
|  | Story Points: 6 Total Hours: | 9 |  |

## Story 9: Contact Us Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T31 | Put information onto page | 2 |  |
| T32 | Put map onto page | 1 |  |
| T33 | Verify story is complete (acceptance test) | 4.5 |  |
|  | Story Points: 5 Total Hours: | 7.5 |  |

## Story 10: Instrument Hire Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T34 | Create instrument table | 0.5 |  |
| T35 | Populate table | 1.5 |  |
| T36 | Create Enquiry and Hire buttons | 0.5 |  |
| T37 | Create button functionality | 2 |  |
| T38 | Validate instrument allocation | 1 |  |
| T39 | Verify story is complete (acceptance test) | 2 |  |
|  | Story Points: 5 Total Hours: | 7.5 |  |