**Release and Sprint Plans**

**Team Number: 33**

|  |  |
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Version: 2

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Release Plan 1

**Delivery date**: Week 13 Total Story Points: 68

Release 1 will deliver the core functionality of the primary website outlined by Mika’s requirements list. An initial landing page for Users to interact and navigate throughout will be developed and further refined come Release 2. Accounts may be created and customised, Users will be able to search for Music lessons (sorted by their preferences: Language, Instrument, Teacher, etc.) and similarly Book them. Databases will be created to ensure secure storage of User data allowing it to be used in other areas of the active system.

## Account Functionality – Account Functionality encompasses the Users ability to access, update and initially create an account on the Website. Full functionality of the site will be limited to those Users who have Logged In, while limited functionality will remain for those simply accessing the site.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S01 | Welcome Page | 8 |
| S02 | Unique User Page | 8 |
| S03 | Create Account Page | 4 |
|  | Story Point Sub-Total: | 20 |

## Music Lesson Functionality – Music Lesson Functionality encompasses the Users ability to access, edit, and submit lesson enquiries via the Music School webpage. These enquiries will be directed to the Admins inbox, with applications being sent back to the User upon review, along with details regarding their lesson enquiry.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S04 | Book Lessons | 8 |
|  | Story Point Sub-Total: | 8 |

**Applying for a Teaching Position –** For those seeking job placement as a music Teacher, additional infrastructure must be implemented to ensure they can express their interest. Via a button which will be placed and appropriately named on the Welcome page, Users will be redirected to the Teaching application page with several elements. Current positions will be displayed alongside Entry Fields for the Teacher Details, CV upload section, and the option to Submit/Cancel their submission.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S05 | Teaching Application Page | 4 |
|  | Story Point Sub-Total: | 4 |

**Music School Background Information –** If additional information is required, Users may access the About Us page via the Welcome Page interface. Upon redirection, information detailing a brief overview of the Music school, its Teaching Staff and available Languages, alongside a list of instruments will be displayed. If any additional questions need to be asked, supporting contact information including Email Address(s) and Phone number(s) may be used (present at the bottom of every page).

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S06 | About Us Page | 4 |
|  | Story Point Sub-Total: | 4 |

**Database Functionality –** A systemized collection of data that can be accessed immediately and manipulated by the data processing systems for a specific purpose. These systems include the Website itself, ultimately being divided into 3 sub categories. These include a storage location for Music School Data, User Data and also the integration of the sets themselves into the system, ultimately underpinning the online interactions that will take place.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S07 | Stored Music School Data | 8 |
| S08 | Stored User Data | 8 |
| S09 | Database Integration | 4 |
|  | Story Point Sub-Total: | 20 |

**Administration Functionality –** If an Admin logs in, a separate Unique User Profile is loaded, allowing Administrative privileges. Full accessibility to User information, as well as being able to manipulate data otherwise inaccessible to the base User.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S10 | Administrator Backend | 8 |
|  | Story Point Sub-Total: | 8 |

# FAQ Page – Collated questions and User feedback that is frequently asked. Presented on a new page with the Question and Answer in the hope of reducing enquiry traffic.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S11 | FAQ Page | 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 3, 4, … | | | | | | | |

## 

## Estimated Velocity:

36 Story Points for First Iteration = 36sp

32 Estimated Story Points for Iteration 2 = 32ep

Number of Iterations by Completion Date = 2

Total Story Points over All Iterations = 68sp

Estimated Velocity = Story Points / Iterations

= 68sp / 2

Therefore, Estimated Velocity = 34

Sprint 1 Plan

# Sprint 1

Total Story Points: 36 Total Hours: 360

## Current Velocity: 34

## Story ID: Welcome Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T00 | **Mock-up GUI:**  Use selected software to create a basic visual guide on what the webpage will look like. | 15 | 13 |
| T01 | **Create Buttons:**  Buttons present on the page will allow the user to navigate the website. Each button will redirect the User to their respective pages (e.g. Log in Button will redirect to the Log in Page, etc.). | 10 | 12 |
| T02 | **Enquiry Box:**  Entry fields for the User message and email address must be present. These messages will be sent to the Admins. | 15 | 15 |
| T03 | **Website Search Bar:**  Entry field which will allow the user to browse the website for specific information related to their input. | 25 | 26 |
| T04 | **Facebook Hyperlink:**  Once clicked, the User to the Facebook Page | 5 | 4 |
| T05 | **Test Acceptance Criteria:**  Verify Integrity of Tasks. | 2 | 3 |
| T06 | **Test Story Functionality:**  Ensure the story is fully functioning. Ready for Release. | 3 | 2 |
|  | Story Points: 8 Total Hours: 80 |  | 80 |

## Story ID: Unique User Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T00 | **Mock-up GUI:**  Use selected software to create a basic visual guide on what the webpage will look like. | 15 | 18 |
| T01 | **Customize Profile:**  Enable users to customize or make changes to the experience to meet their specific needs by configuring layout, content, or system functionality. | 20 | 19 |
| T02 | **Contact Details:**  Allows user to update their personal details: name, surname, DOB, email, address, phone number, payment details. | 15 | 13 |
| T03 | **Log Out Button:**  Allows user to log out from account. | 5 | 5 |
| T04 | **Book Lessons Button:**  Takes user to Book Lesson Page where user is welcomed with a different page that allows user to book any desired lesson. | 5 | 4 |
| T05 | **Lesson Details:**  Displays user with date, time, teacher name, room number of every booked lesson. | 10 | 9 |
| T06 | **Test Acceptance Criteria:**  Verify Integrity of Tasks. | 5 | 6 |
| T07 | **Test Story Functionality:**  Ensure the story is fully functioning. Ready for Release. | 5 | 6 |
|  | Story Points: 8 Total Hours: 80 |  | 82 |

## Story ID: Create Account Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T00 | **Mock-up GUI:**  Use selected software to create a basic visual guide on what the webpage will look like. | 10 | 7 |
| T01 | **Field Boxes:**  Field Boxes for Personal Details (First Name, Last Name, Gender, DOB, Email Address, Contact Phone Number). | 10 | 8 |
| T02 | **Buttons:**  Buttons for Navigation (Submit Button, Cancel Button). | 5 | 6 |
| T03 | **Validity Checkers:**  Valid Contact Details (Email, Phone Number)  Check Age (> 10 normal, < 10 guardian details input required). | 10 | 13 |
| T04 | **Test Acceptance Criteria:**  Verify Integrity of Tasks. | 2 | 3 |
| T05 | **Test Story Functionality:**  Ensure the story is fully functioning. Ready for Release. | 3 | 2 |
|  | Story Points: 4 Total Hours: 40 |  | 39 |

**Story ID: Book Lessons Page**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T00 | **Mock-up GUI:**  Use selected software to create a basic visual guide on what the webpage will look like. | 20 | 14 |
| T01 | **Select Starting and Ending Dates:**  Field box allows users to fill in what their preferable starting and endings dates, the instrument they want to learn and what language they wish to use during the lesson. | 5 | 7 |
| T02 | **Select Lesson Type and Language:**  Field box for students to fill in their preferable lesson type and language. | 5 | 6 |
| T03 | **Hire/BYO Instrument:**  The hire instrument option box may ask users if they would like to use either their own instrument or lending from school. | 15 | 14 |
| T04 | **Select Lesson Duration:**  Lesson duration box allows students to fill in their preferable hours for each lesson. | 5 | 6 |
| T05 | **Display Lesson Cost based of Inputted Data:**  Lesson cost and either payment type must be displayed to show student the amount they would pay for based on the previous inputted data and how they would like to pay for it. | 5 | 7 |
| T06 | **Addition Comments and Queries:**  Another field box for student if they want to add comments and enquiries for their teachers. | 5 | 4 |
| T07 | **Submit Lesson Inquiry Button:**  Submit lesson inquiry button allows users to send their enquiries to the admin inbox, allowing the admin to check all the information, with an application being sent back to users detailing their submission status. | 10 | 5 |
| T08 | **Test Acceptance Criteria:**  Verify Integrity of Tasks. | 5 | 4 |
| T09 | **Test Story Functionality:**  Ensure the story is fully functioning. Ready for Release. | 5 | 3 |
|  | Story Points: 8 Total Hours:80 |  | 73 |

**Story ID: Teaching Application Page**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T00 | **Mock-up GUI:**  Use selected software to create a basic visual guide on what the webpage will look like. | 10 | 12 |
| T01 | **Position Availability:**  A list of available teaching positions with details of what will be required of you in said positions. | 5 | 8 |
| T02 | **Entry Fields for Teacher Details:**  To provide contact details (*So the user can be informed if they got the position*) and which instruments they are able to teach and spoken languages. | 5 | 6 |
| T03 | **CV Upload Section:**  A button which will allow the user to select a document on their electronic device and upload it to submit with their application. | 10 | 8 |
| T04 | **Navigation Buttons:**  Buttons to Submit and Cancel (Returns to home page). | 5 | 3 |
| T05 | **Test Acceptance Criteria:**  Verify Integrity of Tasks. | 2 | 2 |
| T06 | **Test Story Functionality:**  Ensure the story is fully functioning. Ready for Release. | 3 | 2 |
|  | Story Points: 4 | Total Hours:40 | 41 |

**Story ID: About Us Page**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T00 | **Mock-up GUI:**  Use selected software to create a basic visual guide on what the webpage will look like. | 10 | 8 |
| T01 | **School Information:**  Brief overview of the Music School gives a quick insight of when the school was established, school’s achievements and future goals. | 5 | 7 |
| T02 | **List of Teaching Staff:**  Provides the User with a list of all available teachers. | 5 | 4 |
| T03 | **List of Languages spoken by each Teacher:**  Provides a list of available languages and their respective instruments (e.g. Violin Lessons in Italian, Spanish, English, etc.) | 5 | 3 |
| T04 | **Navigation Buttons:**  Return Button redirects the user back to the Welcome page. | 5 | 4 |
| T05 | **Test Acceptance Criteria:**  Verify Integrity of Tasks. | 2 | 4 |
| T06 | **Test Story Functionality:**  Ensure the story is fully functioning. Ready for Release. | 3 | 5 |
|  | Story Points: 4 | Total Hours:40 | 35 |

Sprint 2 Plan

# Sprint 2

Total Story Points: 32 Total Hours: 280

## Current Velocity: 36

**Story ID: Stored Music School Data**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T00 | **Data Tables for Instruments:**  Data Sets inclusive of all instruments available at the school. This list may be updated and repopulated by an Admin. | 20 | 17 |
| T01 | **Data Tables for Staff:**  Data Sets inclusive of all staff that teach at the school. This list may be updated and repopulated by an Admin upon approval from Mika. | 20 | 15 |
| T02 | **Data Tables for Languages:**  Data Sets inclusive of all available languages and their teachers. | 20 | 24 |
| T03 | **Test Acceptance Criteria:**  Verify Integrity of Tasks. | 5 | 6 |
| T04 | **Test Story Functionality:**  Ensure the story is fully functioning. Ready for Release. | 5 | 7 |
|  | Story Points: 8 | Total Hours: 70 | 69 |

**Story ID: Stored User Data**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T00 | **Data Tables for User Log In Details:**  Data Sets including student number, password and log in time will be stored in the Database. Viewable by Admins. | 30 | 34 |
| T01 | **Data Tables for User Lesson Details:**  Details regarding a User’s booked Lessons/Pending enquiries will be stored in order to populate other fields (e.g. Graphical Timetable). | 30 | 27 |
| T02 | **Test Acceptance Criteria:**  Verify Integrity of Tasks. | 5 | 6 |
| T03 | **Test Story Functionality:**  Ensure the story is fully functioning. Ready for Release. | 5 | 5 |
|  | Story Points: 8 | Total Hours: 70 | 72 |

**Story ID: Database Integration**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T00 | **Login Authentication**  Allows Users to verify account and retrieve data securely. | 5 | 6 |
| T01 | **Search Function**  Allows for a search term to be found in the database and returned. | 10 | DNF |
| T02 | **Update User Details**  Enables Users to alter details. | 5 | 8 |
| T03 | **Storing Teacher Applications**  Accepts and Stores Teacher Applications for review. | 10 | 13 |
| T04 | **Navigation Buttons:**  Return Button redirects the user back to the Welcome page. | 5 | 4 |
| T05 | **Test Acceptance Criteria:**  Verify Integrity of Tasks. | 2 | 3 |
| T06 | **Test Story Functionality:**  Ensure the story is fully functioning. Ready for Release. | 3 | 4 |
|  | Story Points: 4 | Total Hours: 40 | INCOMPLETE |

**Story ID: Administration Backend**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T00 | **Clearance Levels (Student Teacher, Admin)**  Determines which sections of the site specific users can access. | 10 | 18 |
| T01 | **Management tools**  Allows admins to access and manage student and teacher details and to maintain the website. | 15 | 13 |
| T02 | **Navigation Buttons:**  Return Button redirects the user back to the Welcome page. | 5 | 4 |
| T03 | **Test Acceptance Criteria:**  Verify Integrity of Tasks. | 5 | 5 |
| T04 | **Test Story Functionality:**  Ensure the story is fully functioning. Ready for Release. | 5 | 3 |
|  | Story Points: 4 | Total Hours: 40 | 43 |

**Story ID: Log in Page**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T00 | **Mock-up GUI:**  Use selected software to create a basic visual guide on what the webpage will look like. | 10 | 7 |
| T01 | **Entry Fields for Log in Details:**  Allows user to type in the user name and password. | 15 | 13 |
| T02 | **Navigation Buttons:**  Buttons to Submit, Cancel and Home button which returns to home page. | 5 | 6 |
| T03 | **Check Box:**  Allows User to save credentials. | 5 | 4 |
| T03 | **Test Acceptance Criteria:**  Verify Integrity of Tasks. | 5 | 6 |
| T04 | **Test Story Functionality:**  Ensure the story is fully functioning. Ready for Release. | 5 | 4 |
|  | Story Points: 4 | Total Hours:45 | 40 |

**Story ID: FAQ Page**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T00 | **Mock-up GUI:**  Use selected software to create a basic visual guide on what the webpage will look like. | 10 | 8 |
| T01 | **Questions:**  Questions that we predict will be FAQ. Q1. How long does it take to learn an instrument?  There is no set answer of how long it takes to learn an instrument. This varies from student  to student and really depends on the individual, how much practicing you do and your age.  Q2. What instruments do you teach?  We offer Guitar, Piano/Keyboard, Male/Female Voice, Bass Guitar, Double Bass, Sax, Flute, Clarinet, Violin, Cello, Trumpet and Drums.  Q3. I've never played music before, can you help me?  Of course, we can, everyone can play music, including you. Start today!  Q4. What times are you open?  From 9am till 9pm, but available lesson times depend on our current volume.  Q5. May I be present at my child's private music lesson?  Yes. In fact, we encourage parents to actively participate in child’s music education. | 15 | 16 |
| T02 | **Navigation Buttons:**  Home Button redirects the user back to the Welcome page. Facebook button takes the user to the Facebook page. | 5 | 4 |
| T03 | **Test Acceptance Criteria:**  Verify Integrity of Tasks. | 5 | 4 |
| T04 | **Test Story Functionality:**  Ensure the story is fully functioning. Ready for Release. | 5 | 5 |
|  | Story Points: 4 | Total Hours:40 | 37 |