# Music School

## Release 2

## Verification and Validation - User Acceptance Criteria Testing

|  |  |  |
| --- | --- | --- |
| **User Story 15: Lesson Enrolment** | | |
| **Test: Enrolling into Lessons** | **Expected Outcome** | **Actual Outcome** |
| Step 1: From the Home Page, click on "Log In" button after filling in correct username and password as student. | User Page should display. | User Page did display. |
| Step 2: From the User Page, click on "Enrolment" hyperlink. | Enrolment page should display. Tables named 'List Number', 'Lesson Name', 'Take this lesson', a list of available lessons and graphical time table should be visible. | Enrolment page did display. Available lesson’s information such as name and date are visible. |
| Step 3: From the Enrolment Page, tick any box. | Relevant information such as teacher name, start-end-date and cost should display with respective fields on timetable highlighted. | Relevant information did display and respective fields on timetable are highlighted. |
| Step 4: From the Enrolment Page, un-tick ticked boxes. | Ticked information should return back to un-tick status. Information should become hidden and respective timetable fields should return blank. | Information did return back to untick status. |
| Step 5: From the Enrolment Page, click on “Log Out” button. | Home page should display. | Home page did display. |

|  |  |  |
| --- | --- | --- |
| **User Story 03/57: Personal Schedule** | | |
| **Test: Reviewing Enrolled Lessons** | **Expected Outcome** | **Actual Outcome** |
| Step 1: From the Home Page, click on "Log In" button after filling in correct username and password as student. | User Page should display. | User Page did display. |
| Step 2: From the User Page, click on "Schedule" hyperlink without enrolling. | Schedule Page should display. Error message about no enrolment should display. | Error notification: “You have not enrolled” did display. |
| Step 3: From the User Page, click on "Schedule" hyperlink after enrolling. | Schedule Page should display. Information such as day, time of lesson, class and teacher’s name should be visible. | Schedule Page did display. All relevant information were visible. |
| Step 4: From the Schedule Page, click on “Log Out” button. | Home page should display. | Home Page did display. |

|  |  |  |
| --- | --- | --- |
| **User Story 12/32: Hire Instrument** | | |
| **Test: Hiring Instruments** | **Expected Outcome** | **Actual Outcome** |
| Step 1: From the Home Page, click on "Log In" button after filling in correct username and password as student. | User Page should display. | User Page did display. |
| Step 2: From the User Page, click on “Instruments” hyperlink. With no instruments available to hire. | Error message about no instrument available should display. | Error message: “There is no instrument available” did display. |
| Step 3: From the User Page, click on "Instruments" hyperlink. With no instrument hired yet. | Instrument page should display. Available instruments for hire and their details such as name, condition and price should be visible. | Instrument page did display. Available instruments and their details were visible. |
| Step 4: Click on “Hire Instrument” button for any instrument. | Instrument should be hired and notification regarding instrument hire limit should display. | Notification did display. |
| Step 5: Click on “Hired Instrument” hyperlink. | Hired instrument page should display. Information of hired instrument such as name, condition and price should display. | Hired instrument and its relevant information did display. |
| Step 6: Click on "Instruments" hyperlink. With instrument already hired. | Instrument page should display. Notification regarding instrument hire limit should display. | Notification did display. |
| Step 7: From the Hire Instrument Page, click on “Log Out” button. | Home page should display. | Home page did display. |

|  |  |  |
| --- | --- | --- |
| **User Story 25: Time Submission** | | |
| **Test: Allows Owner to Submit Teaching Times.** | **Expected Outcome** | **Actual Outcome** |
| Step 1: From the Home Page, click on "Log In" button after filling in correct username and password as owner. | Owner Page should display. | Owner Page did display. |
| Step 2: From the Owner Page, click on “Schedule” hyperlink. | Schedule Page should display. Timetable, Drag and Drop box with music instrument should be visible. Button allowing week change should be functional as well. | Schedule Page did display. Timetable, Drag and Drop box with instrument, bin for deletion were all properly implemented. Buttons with arrow shapes were also visible. |
| Step 3: From the schedule page, drag and drop lessons into timetable. | Lessons should stay in timetable. Lessons should be able to be extended or minimised. | Lessons did stay in timetable. Dragging the lessons also moves it to a new time slot. Extending and minimising it was also possible. |
| Step 4: Drag and drop lessons from timetable into bin. | Lesson should be deleted. | Lesson did get deleted. |
| Step 5: Click on left and right arrow. | Previous and next dates should be visible. | Previous and next dates were visible. |
| Step 6: Click on “Log Out” button. | Home page should display. | Home page did display. |

|  |  |  |
| --- | --- | --- |
| **User Story 36/37/38 Record Teacher Data** | | |
| **Test: Allows Owner to Edit Teacher Data** | **Expected Outcome** | **Actual Outcome** |
| Step 1: From the Home Page, click on "Log In" button after filling in correct username and password as owner. | Owner Page should display. | Owner Page did display. |
| Step 2: From the Owner Page, click on "Edit” button next to any teacher. | Information for teacher such as first name, last name, date of birth should display. Should not display information of other users. | Correct information corresponding to the user did display. |
| Step 3: From the Edit page, click on “Update Details” button without changing anything. | Notification “Student updated successfully, You are redirecting in 3 seconds.” should display. Should be redirected back to Owner Page. | Notification did display and redirection to Owner Page was successful. |
| Step 4: From the Edit page, click on “Update Details” button after changing information | Notification “Student updated successfully, You are redirecting in 3 seconds.” should display. Should be redirected back to Owner Page. Information in database should be changed based on the information edited. | Notification did display and redirection to Owner Page was successful. Information in database did change correctly. |
| Step 5: From Owner Page, click on “Log Out” button. | Home page should display. | Home Page did display. |

|  |  |  |
| --- | --- | --- |
| **User Story 39/40/45: Record Student Data** | | |
| **Test: Allows Owner to Edit Student Data** | **Expected Outcome** | **Actual Outcome** |
| Step 1: From the Home Page, click on "Log In" button after filling in correct username and password as owner. | Owner Page should display. | Owner Page did display. |
| Step 2: From the Owner Page, click on "Edit” button next to any teacher. | Information for teacher such as first name, last name, date of birth should display. Should not display information of other users. | Correct information corresponding to the user did display. |
| Step 3: From the Edit page, click on “Update Details” button without changing anything. | Notification “Student updated successfully, You are redirecting in 3 seconds.” should display. Should be redirected back to Owner Page. | Notification did display and redirection to Owner Page was successful. |
| Step 4: From the Edit page, click on “Update Details” button after changing information | Notification “Student updated successfully, You are redirecting in 3 seconds.” should display. Should be redirected back to Owner Page. Information in database should be changed based on the information edited. | Notification did display and redirection to Owner Page was successful. Information in database did change correctly. |
| Step 5: From Owner Page, click on “Log Out” button. | Home page should display. | Home Page did display. |

|  |  |  |
| --- | --- | --- |
| **User Story 42: Teacher Management** | | |
| **Test: Manage Contract Between Student and Teacher** | **Expected Outcome** | **Actual Outcome** |
| Step 1: From the Home Page, click on "Log In" button after filling in correct username and password as owner. | Owner Page should display. | Owner page did display. |
| Step 2: From the Owner Page, click on “Permission for Contract” hyperlink. | Permission for Contract Page should display. Information such as contract ID, start date, end date should be visible. | Permission for Contract Page did display. All relevant information were visible. |
| Step 3: From the Permission for Contract Page, tick box for permission. | Contract permission should be granted. | Contract permission was granted. |
| Step 4: From the Permission for Contract Page, untick ticked box for permission. | Contract permission should be revoked. | Contract permission was revoked. |
| Step 5: Click on “Log Out” button. | Home page should display. | Home page did display. |

|  |  |  |
| --- | --- | --- |
| **User Story 13/19/55: Owner’s Contact Detail** | | |
| **Test: Allows User to Contact Owner** | **Expected Outcome** | **Actual Outcome** |
| Step 1: From the Home Page, click on “Contact Us’ hyperlink. | Contact Us Page should display. Fields that allow user to input their name, e-mail address and message should be visible. Other information such as music school’s e-mail address, telephone number and address should be visible as well. | Contact Us Page did display. Input fields such as first name, last name, e-mail address and other relevant information was visible. |
| Step 2: From the Contact Us Page, click on “Send” button without putting anything in the field. | Error message saying “Please fill out this field” should display. | Error message did display. |
| Step 3: Click on “Send” button after filling in incorrect information. Such as e-mail address with “@” in it. | Error message should display. | Error message did display. |
| Step 4: Click on “Send” button after filling in correct information. | Notification of success should display. Should be redirected back to Home Page. | Notification of success did display: “Thank you for contacting us. We will be in touch with you very soon.” Redirection was successful. |
| Step 5: Check Owner’s e-mail. | Message should appear in e-mail with correct first name, last name and e-mail address from sender. | E-mail was correctly received. |

## Scenario Test

### Scenario 1:

#### Teacher Test:

As a potential teacher, I want to register as a teacher and log in. If my details have not been verified yet then I want to send an e-mail to the owner and ask him to verify my details as soon as possible. Once I am able to log in, I want to check my own profile to make sure all my details are correct. If there are any wrong details, I want to be able to fix them straight away.

#### Owner Test:

As the owner, I want to be check my e-mail constantly for any queries from other users. If there are new users (teacher for this test), I want to be able to check their details to make sure they’re legit. If they are legit, then I want to be able to give them permission to log in.

|  |  |  |
| --- | --- | --- |
| **Teacher Test:** | **Expected Outcome** | **Actual Outcome** |
| Step 1: From the Home Page, click on "Register as Teacher" hyperlink. | The Registration Form for student should display. User Input Fields should have username, password, first name, last name, gender, date of birth, mobile number, other contact number, home address and e-mail and Facebook. | The registration form did display. Registration Form included all necessary User Input Fields. |
| Step 2: Click on "Register" button after filling in correct details. | Register Successful Notification “New records created successfully” should display. | Notification did display. |
| Step 3: From the Home Page, click on "Log In" button after filling in correct username and password but without permission. | Error message “You haven’t been permitted yet” should display. | Error message did display. |
| Step 4: From the Home Page, click on “Contact Us’ hyperlink. | Contact Us Page should display. Fields that allow user to input their name, e-mail address and message should be visible. Other information such as music school’s e-mail address, telephone number and address should be visible as well. | Contact Us Page did display. Input fields such as first name, last name, e-mail address and other relevant information was visible. |
| Step 5: Step 4: Click on “Send” button after filling in correct information. | Notification of success should display. Should be redirected back to Home Page. | Notification of success did display: “Thank you for contacting us. We will be in touch with you very soon.” Redirection was successful. |
| Step 6: From the Home Page, click on "Log In" button after filling in correct username and password as student after permission has been granted. | User Page should display. | User Page did display. |
| Step 7: From the User Page, click on "Profile" hyperlink. | Personal Profile page should display. Basic information such as user name, first name, last name, date of birth, home address, and contact details should be visible. Additional information relevant to teacher such as skills possessed and personal qualification should also be visible. | All personal information were visible. All information were correct as they were the same as the information inputted into the registration form. |
| Step 8: From Profile page, click on “Click” button after correct information is inputted. | User should be able to update/change their details. Error message should display if input fields are in the wrong format. | Information was edited based on information that was inputted. |

|  |  |  |
| --- | --- | --- |
| **Owner Test:** | **Expected Outcome** | **Actual Outcome** |
| Step 1: Check e-mail. | Message should appear in e-mail with correct first name, last name and e-mail address from sender. | E-mail was correctly received. |
| Step 2: From the Home Page, click on "Log In" button after filling in correct username and password as owner. | Owner Page should display. All current user’s Login ID, Role, User Name and box for permission should display. | Owner Page did display. All relevant information were visible. |
| Step 3: From the Owner Page, click on “Edit” button next to new teacher (teacher without permission). | Information for teacher such as first name, last name, date of birth should display. Should not display information of other users. | Information of the registered teacher did display. No other user's information were visible. |
| Step 4: From the Edit page, click on “Update Details” button without changing anything. | Notification “Teacher updated successfully, You are redirecting in 3 seconds.” should display. Should be redirected back to Owner Page. | Notification did display. Redirection was successful. |
| Step 5: From the Owner Page, tick the box under permission to give permission. | Teacher should receive permission. | Teacher did receive permission and could log in. |
| Step 6: Click on “Log Out” button. | Home page should display. | Home page did display. |

### Scenario 2:

#### Student Test:

As a new student, I want to log into my account and form a contract with a teacher. Once the contract is formed I want to be able to see if it has been processed yet. If the owner haven’t granted permission yet, then I will check it again later. Once contract permission has been granted, I want to choose a lesson time. I want to see if I could enrol into more than one lesson time. Once enrolment is successful, I want to hire an instrument for my lesson. I also want to review my schedule.

#### Owner Test:

As the owner, I want to be able to check the contract between teach and student to see whether they are allowable or not. If they are, I want to give them permission.

|  |  |  |
| --- | --- | --- |
| **Student Test:** | **Expected Outcome** | **Actual Outcome** |
| Step 1: From the Home Page, click on "Log In" button after filling in correct username and password for student. | User Page should display. | User Page did display. |
| Step 2: From the User Page, click on "Contract Info" hyperlink without completing a contract. | Error message should display. | Error message: " You don’t have any contracts with teachers." did display. |
| Step 3: From the Contract Info Page, click on "Contract" hyperlink. | Contract Page should display. Drop down menu for choosing teacher and what class to take should be visible. | Contract Page did display. All relevant drop down menu were visible. |
| Step 4: Choose teacher then what class to take. | What class to take should have nothing in it until teacher is chosen. After class to take is chosen, drop down menu for start-date and end-month should be visible. | Before teacher was chosen, no drop down fields were there for class. After teacher was chosen, drop down menu for class was visible. After class was chosen, drop down menu for start-date and end-date was visible. |
| Step 5: Choose start-start and end-month. | Lesson duration of 30 minutes or 60 minutes should be visible. | Lesson duration of 30 minutes or 60 minutes was visible. |
| Step 6: Choose 30 minutes lesson time. | Lesson cost should be visible. | Lesson cost was visible. |
| Step 7: Change to 60 minutes lesson time. | Lesson cost should change. | Lesson cost did change. |
| Step 8: Click on "Final Submit" button. | Confirmation should display. | Confirmation: " Are you sure you want to submit this?" did display. |
| Step 9: Choose OK. | Notification about confirmation should display. | Notification: " Your submit will be confirmed by owner within 1-3 days" did display. |
| Step 10: Click on "Contract Info" hyperlink without owner confirmation. | Error message should display. | Error message: "The contract has not permitted yet. The process will be completed in 24 hours." did display. |
| Step 11: Click on "Contract Info" hyperlink after owner confirmation. | Contract Info Page should display. Information such as lesson type, lesson duration, start date, end date and teacher' name should be visible. | Contract Info Page did display. Information were the same as the chosen options on Contract Page. |
| Step 12: From the Contract Info Page, click on "Schedule" hyperlink without enrolling. | Error message should display. | Error message "You have not enrolled" did display. |
| Step 13: From the Schedule Page, click on "Enrolment" hyperlink. | Lesson types that are available for enrolment should be visible. | Lesson types that was available were visible. |
| Step 14: Click on lesson enrolment button. | Enrolment page should display. Tables named 'List Number', 'Lesson Name', 'Take this lesson', a list of available lessons and graphical time table should be visible. | Enrolment page did display. Available lesson’s information such as name and date was visible. |
| Step 15: From the Enrolment Page, tick any box. | Relevant information such as teacher name, start-end-date and cost should display with respective fields on timetable highlighted. | Relevant information did display and respective fields on timetable are highlighted. |
| Step 16: From the Enrolment Page, tick another box. | Error message should display. | Error message: " You cannot choose more!" did display. |
| Step 17: From the Enrolment Page, click on "Instruments" hyperlink. | Instrument page should display. Available instruments for hire and their details such as name, condition and price should be visible. | Instrument page did display. Available instruments and their details were visible. |
| Step 18: From the Instrument Page, click on “Hire Instrument” button for any instrument. | Instrument should be hired and notification regarding instrument hire limit should display. | Notification did display. |
| Step 19: Click on “Hired Instrument” hyperlink. | Hired instrument page should display. Information of hired instrument such as name, condition and price should display. | Hired instrument and its relevant information did display. |
| Step 20: From the Hired Instrument Page, click on "Schedule" hyperlink. | Schedule Page should display. Information such as day, time of lesson, class and teacher’s name should be visible. Information should match chosen date and lesson types. | Schedule Page did display. All relevant information were visible. |
| Step 21: From the Schedule Page, click on "Log Out" button. | Home page should display. | Home Page did display. |

|  |  |  |
| --- | --- | --- |
| **Owner Test:** | **Expected Outcome** | **Actual Outcome** |
| Step 1: From the Home Page, click on "Log In" button after filling in correct username and password as owner. | Owner Page should display. | Owner Page did display. |
| Step 2: From the Owner Page, click on “Permission for Contract” hyperlink. | Permission for Contract Page should display. Information such as contract ID, start date, end date should be visible. | Permission for Contract Page did display. All relevant information were visible. New contract was visible. |
| Step 3: From the Permission for Contract Page, tick box for permission. | Contract permission should be granted. | Contract permission was granted. |
| Step 4: Click on “Log Out” button. | Home page should display. | Home page did display. |

#### Scenario 3:

#### Owner Test:

As the owner, I want to be able to provide students with a graphical timetable of the lessons provided for particular weeks.

#### Student Test:

As a student, I want to see all the lessons that is on for particular weeks.

|  |  |  |
| --- | --- | --- |
| **Owner Test:** | **Expected Outcome** | **Actual Outcome** |
| Step 1: From the Home Page, click on "Log In" button after filling in correct username and password as owner. | Owner Page should display. | Owner Page did display. |
| Step 2: From the Owner Page, click on “Schedule” hyperlink. | Schedule Page should display. Timetable, Dropbox with music instrument should be visible. Button allowing week change should be functional as well. | Schedule Page did display. Timetable, Drag and Drop box with instrument, bin for deletion were all properly implemented. Buttons with arrow shapes were also visible. |
| Step 3: From the schedule page, drag and drop lessons into timetable. | Lessons should stay in timetable. Lessons should be able to be extended or minimised. | Lessons did stay in timetable. Dragging the lessons also moves it to a new time slot. Extending and minimising it was also possible. |
| Step 4: Click on left and right arrow. | Previous and next dates should be visible. | Previous and next dates were visible. |
| Step 5: Drag and drop lessons into different days. | Lessons should stay in timetable. Lessons should be able to be extended or minimised. | Lessons did stay in timetable. Dragging the lessons also moves it to a new time slot. Extending and minimising it was also possible. |
| Step 6: Click on “Log Out” button. | Home page should display. | Home page did display. |

|  |  |  |
| --- | --- | --- |
| **Student Test:** | **Expected Outcome** | **Actual Outcome** |
| Step 1: Step 1: From the Home Page, click on "Log In" button after filling in correct username and password for student. | User Page should display. | User Page did display. |
| Step 2: From the User Page, click on "Calendar" hyperlink. | Calendar should display. Current day should be visible on a timetable along with "Today", "Left Arrow" and "Right Arrow" buttons. | Calendar did display. Current day was visible and buttons were all there. |
| Step 3: From the Calendar Page, click on "Left Arrow" and "Right Arrow" buttons. | Previous and later dates should display with relevant information on classes. | All dates that have lessons which were inputted by Owner were visible. |
| Step 4: Click on 'Today' button. | Today's time slot should be visible. | Did return to today's time slot. |
| Step 5: Click on “Log Out” button. | Home page should display. | Home Page did display. |

**Tested on 23rd October 2016.**