CSC2043-45 Group 1 Report

# Peer Assessment 2: The System, the Final PDF Report and the Process

This Assessment Document is intended to provide you and your assessor with an overview of each team member’s involvement in the preparation of CSC2045’s Second Deliverable, *The System, the Final PDF Report and the Process*.

Each team should complete one Assessment Document and its content must be agreed by all team members. The completed form should be included at the start of your team’s report. ***Don’t forget to fill in the Group Number and Group Name*.**

There are two main parts to the Assessment Document – the Evaluation and the Declaration. Both parts must be completed – otherwise your team’s report will not be marked. Arrange a team meeting to discuss the evaluation, and see the note below!

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| **Evaluation** | Group Number: 1 | Group Name: Group 1 | | | |
| Name | | Contribution of time and effort1 | Contribution to team-working and motivation1 | Contributions to this deliverable 1,2 | Peer Score  (Range 85 – 115) |
| *Lewis Robinson* | | *5* | *4* | *5* | *115* |
| *Jack Bradley* | | *3* | *4* | *3* | *100* |
| *James McCaughey* | | 0 | 0 | 0 | 0 |
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1Values for contribution: 1 = Minimal Contribution; 2 = Reasonable Contribution; 3 = Good Contribution; 4 = Very Good Contribution; 5 = Excellent Contribution

2This value should consider contributions in the round – direct contributions to required deliverables, and contributions that have made the deliverables possible.

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| **Declaration**  “I declare that I have read the Queen's University regulations on plagiarism, and that any contribution I have made to the attached submission is my own original work, except for any elements that I have clearly attributed to third parties. I understand that this submission will be subject to an electronic test for plagiarism and will also be subject to the University’s regulations concerning late submission if it is received after the deadline.” | | |
| Name | Date | Confirmation *(use the words shown in the example below!)* |
| *Lewis Robinson* | *26/03/20* | *I agree to the terms of the declaration* |
| *Jack Bradley* | 26/03/20 | *I agree to the terms of the declaration* |
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***A note on the Evaluation:***

The Contribution columns in the Evaluation table are intended to help team members quantify each other’s input to the Second Deliverable, before they award agreed Peer Scores. There will not necessarily be a precise correlation between the Peer Score and the Contribution values. However, high Contribution scores, as an indicator of the importance of the team member’s work to the success of the project, should normally result in a high Peer Score for a team member. Likewise a low Peer Score would be the expected outcome if Contribution values are low.

Each team member’s overall score for the First Deliverable will be calculated according to the following formula, where S*i* is Team Member *i*’s overall score, P*i* is the peer score received by Team Member *i*, *N* is the number of members in the team, and M is the raw mark awarded to the report by the assessor.

The following guidelines will help you award appropriate peer scores.

If the team agrees that Team Member 1 made minimal contribution, a peer score of 85 would be appropriate for Team Member 1.

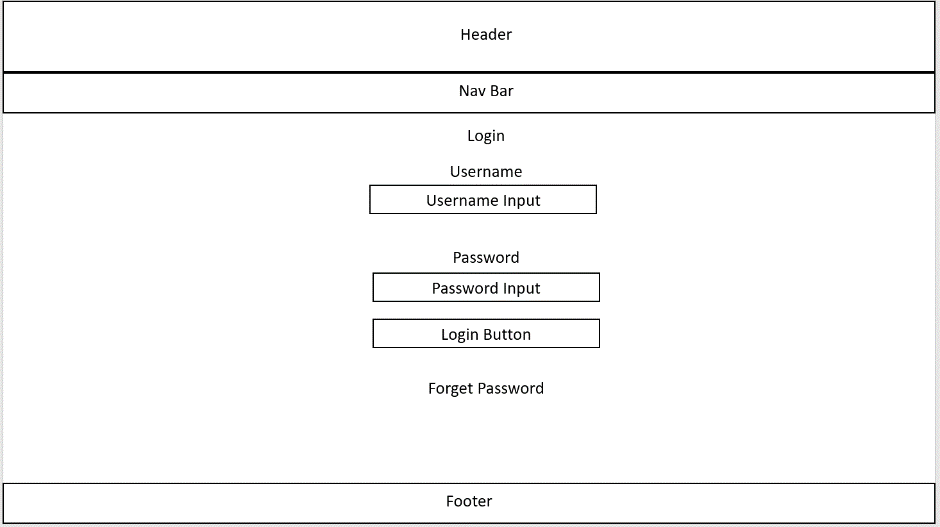
If Team Member 1’s contribution was excellent (critical to the success of the project from a number of aspects), consider a peer score of 115.

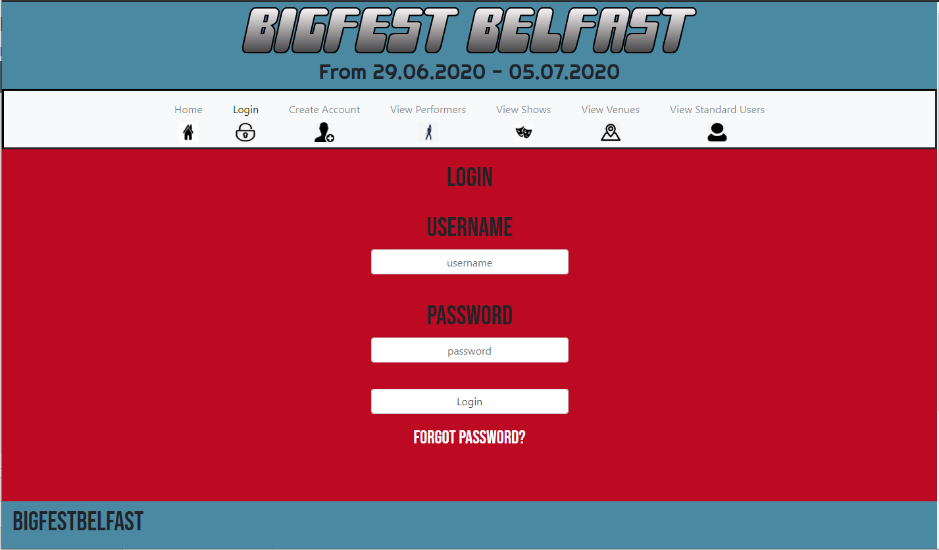
If Team Member 1 made a generally good contribution, doing what was expected of them, they could expect to receive a Peer Score of 100.

Any mark within the range 85 – 115 will normally be accepted by the module Lecturer. **However, students are expected to award a range of marks within a team: it is very unusual in a project for everyone to display exactly the same level of ability and commitment, and the Peer Scores should reflect this.**  Be fair: be prepared to recognise someone who has adopted a leading role in the project, and acknowledge the fact that some contributions will be weaker than others. Uniform marks, or marks outside the range 85 – 115, may require that the Team discuss its decision with the module Lecturer or Teaching Associate, in order to agree a fair distribution of marks. It may be that a team member (for whatever reason) has disengaged from the project entirely, and in such a case a Peer Mark of 0 may be acceptable. ***Please inform the module Lecturer if a team member has left your group or has ceased to play an active role in the group.*** Throughout the project, teams should use appropriately named folders in GitLab to co-ordinate their work. Where team members cannot agree a distribution, the module Lecturer’s judgement will be final.

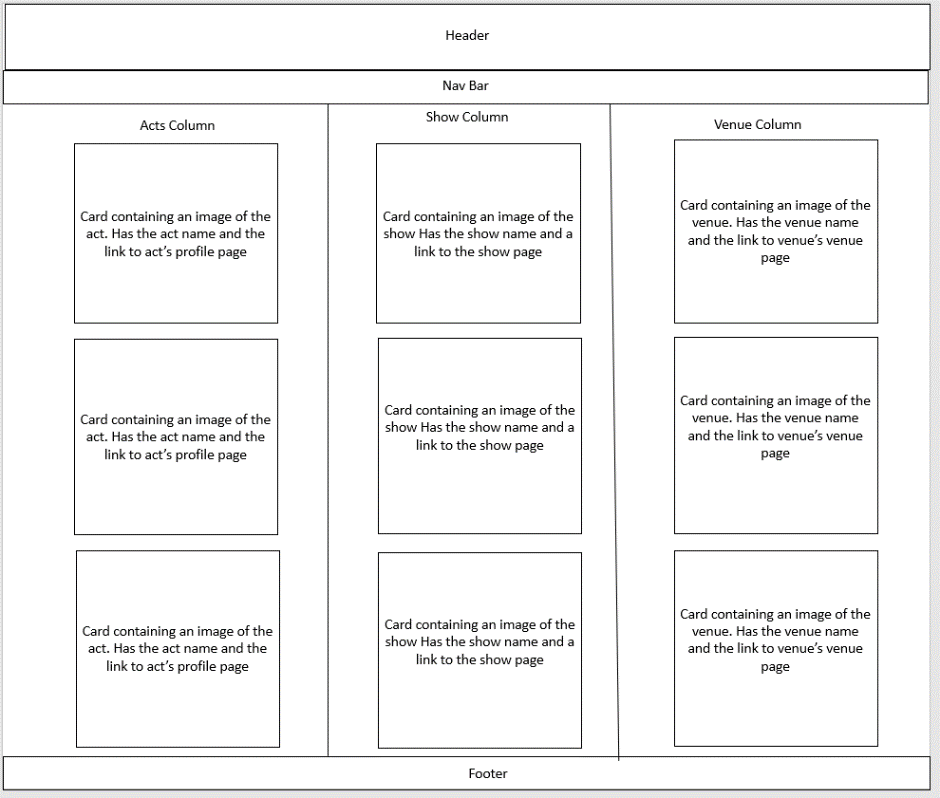
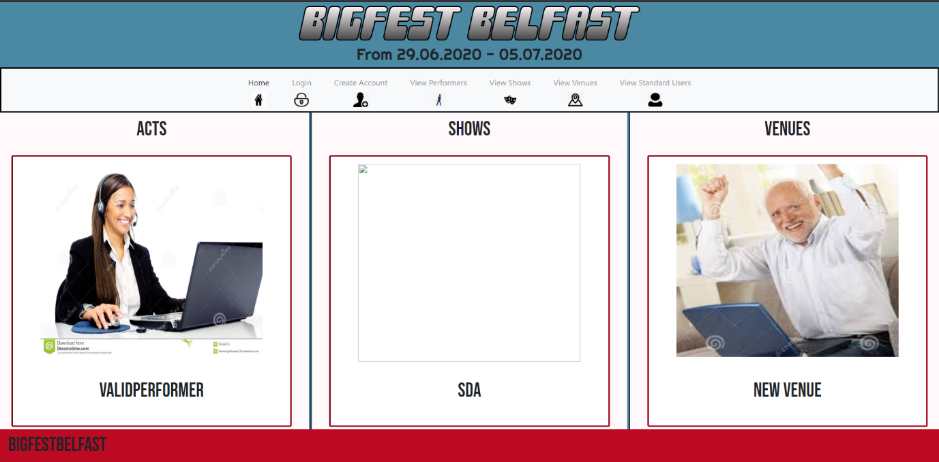
Design documentation.

Interface design.

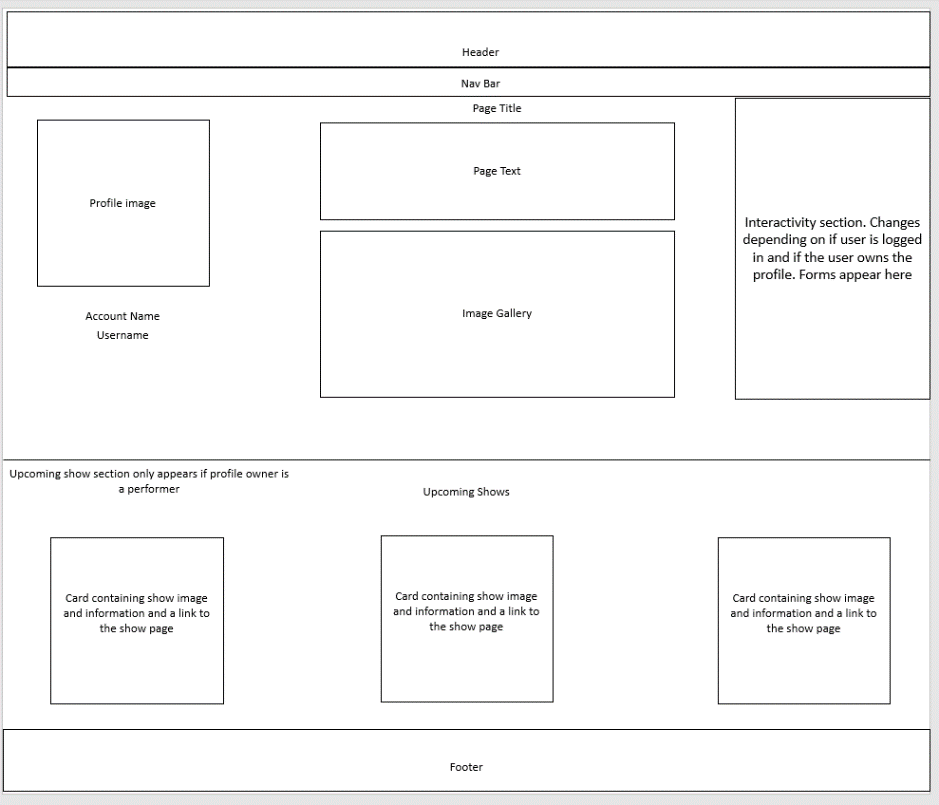


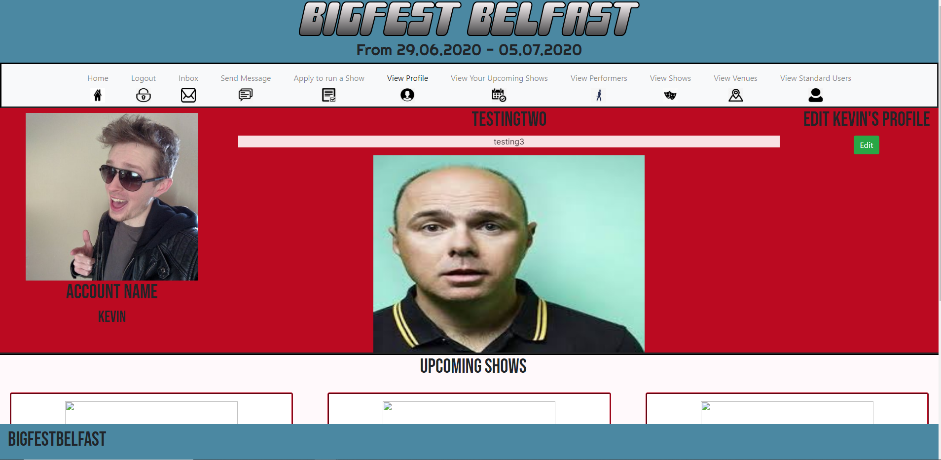


This is the wireframe of the login screen next to the real version. The design was chosen as it is a common style of layout that the user will naturally be able to navigate.

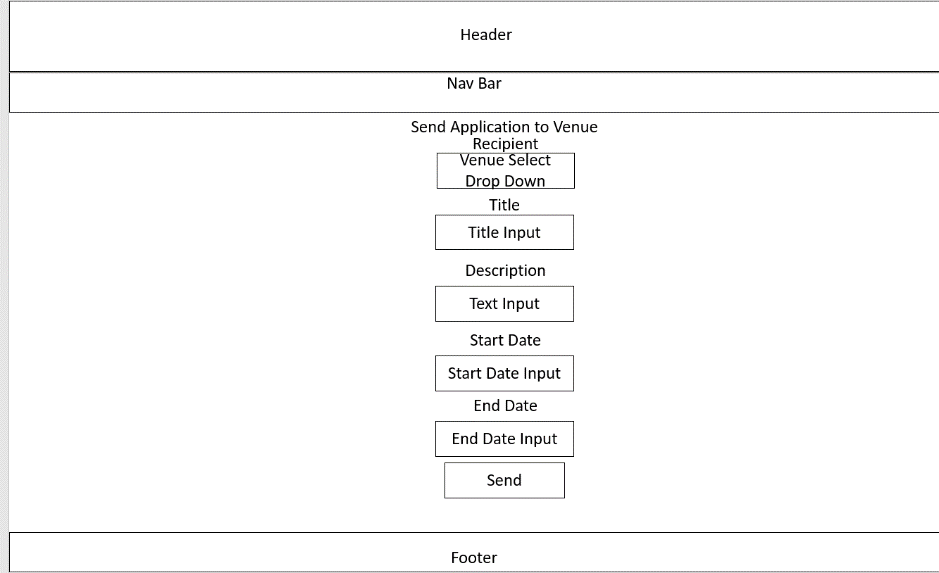


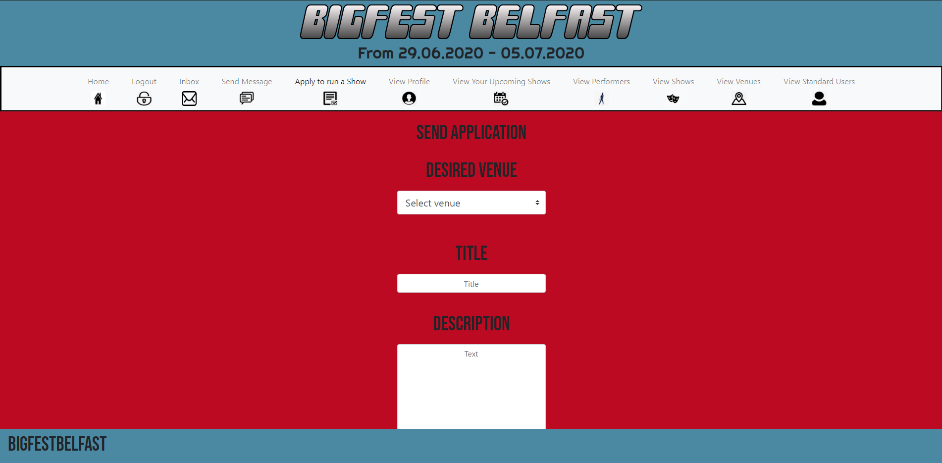
This the wireframe of the homepage(index.php) next to the real version. All pages on the site are fully responsive and scale as can be seen in this example where the bottom two rows of content are hidden below the footer and will appear with scrolling. There is a blank image on the page however this is a dummy show with no content that was created to test pagination, so this is not erroneous. The card layout is repeated across the site and is incredibly useful as it allows for pagination to be easily implemented due the rows and columns needed to create a card layout.



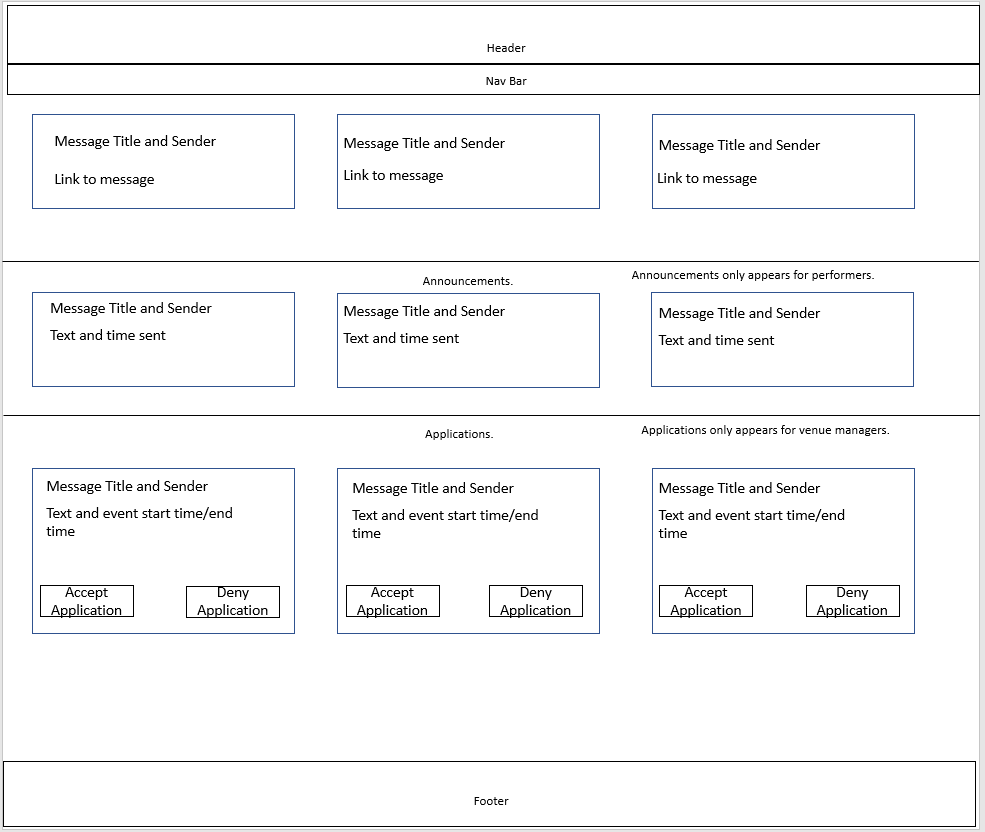


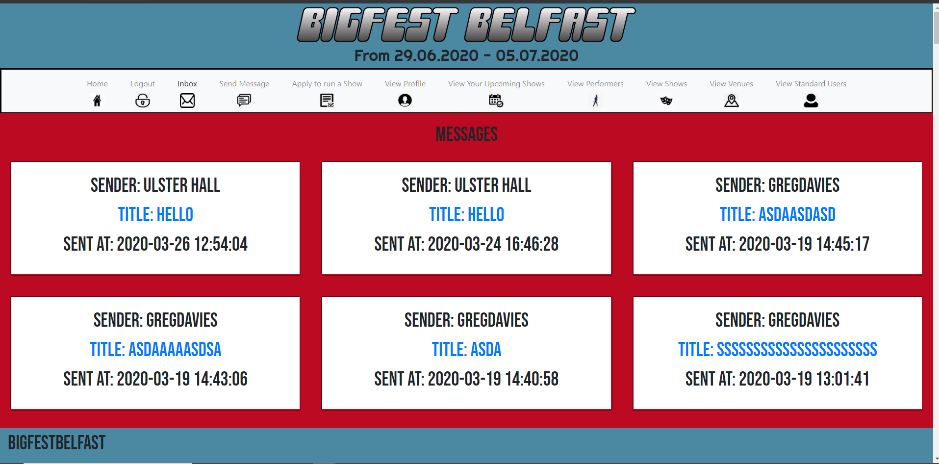
This is the wireframe of the profile page next to the real counterpart. As the user Kevin is a performer, he gets a section of his profile where his upcoming shows are displayed. The card layout is replicated in this section of the page allowing for consistency across the site. The page is responsive as can be seen above and scales to the size of the screen.



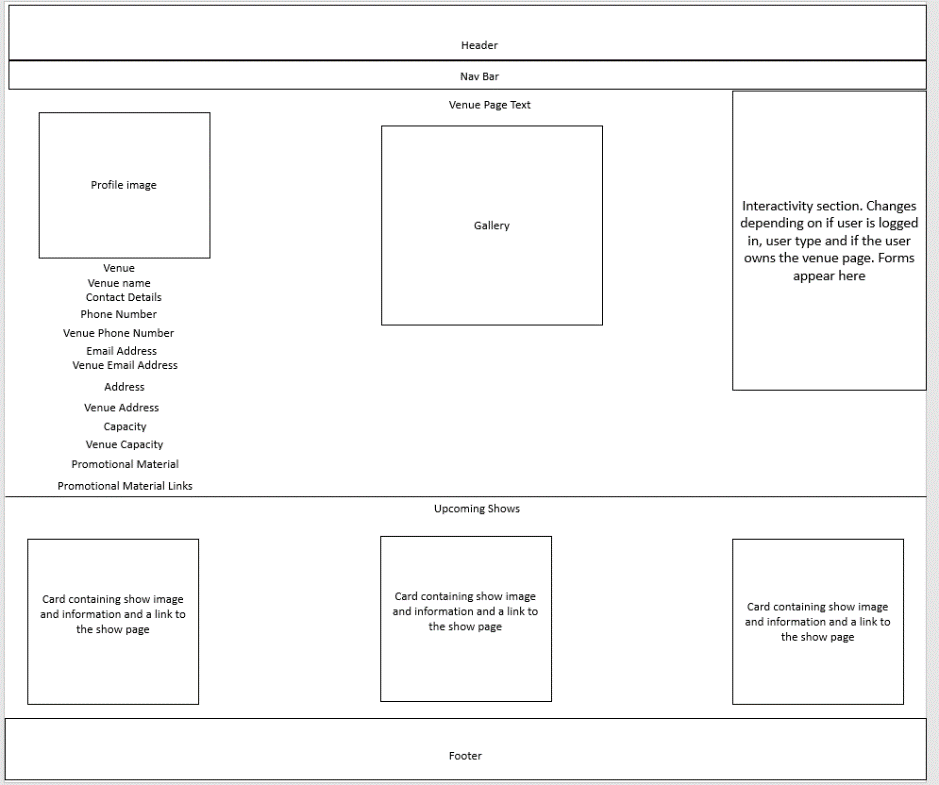
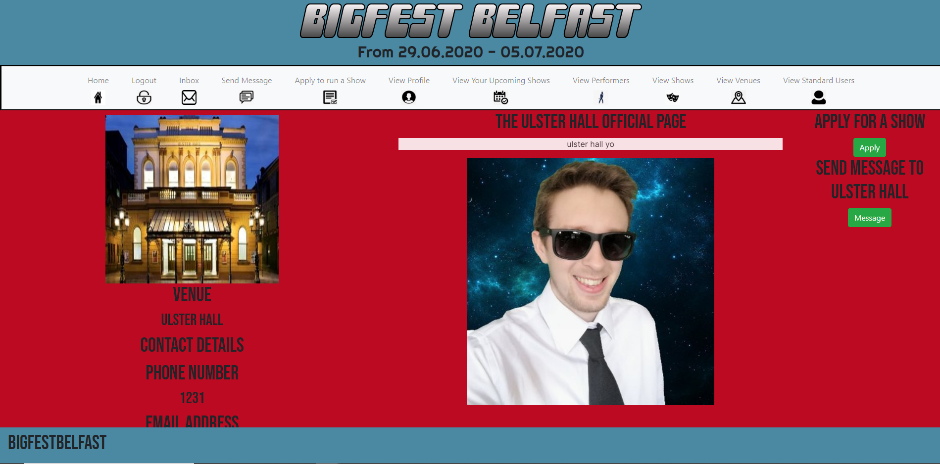


This is the wireframe for the application page next to the screen dump of the live version. This design is responsive so will scale correctly to the screen size allowing the performer to use any device to make an application.





Here is a screenshot of the inbox page. The responsive card design has been carried over from other pages and a heading for the standard messages section has been added to help differentiate between sections for the users with permissions to view applications or announcements.

This is the wireframe and screenshot for the venue page. As can be seen the design is still responsive and the design from the profile page has been replicated for consistency.

A close up of text on a white background

Description automatically generated

A screenshot of a social media post

Description automatically generatedThis is the sequence diagram that represents the process of createing an account. In this diagram () means button press/redirect. As can be seen the user enters their information and clicks the create account button once some prechecks are conducted in the create account class. The account information is passed to reg.php and then checked with the database before being inserted. The user is then taken to login page and regains control.

A screenshot of a social media post

Description automatically generated

As can be seen above this sequence diagram, represents the login process. Once again () represents a button click or redirect. The user enters their username and password and then clicks the login button. The login credentials are sent to logtest.php where they are sent to the database and verified. Control returns to logtest.php which sets the relevant session variable based on the user type. The user is then redirected to index.php where control is returned to them.

A screenshot of a social media post

Description automatically generated

This sequence diagram represents the process of editing the profile page. As before () represents a button click or redirect. The user clicks the edit profile button on their profile page. They then are sent to profilepagedit.php where they regain control and enter their new content and click the save changes button. Savechanges() carries the changes to savechanges.php where security validation is conducted, and it is ensured previous content is not set to null if the user has not chosen to change this content. The user is returned to their profile page where they can see their changes and they can take further actions.

A screenshot of a social media post

Description automatically generated

This sequence diagram represents the process of a performer sending an application. Once again () represents a button click or redirect. After the user has entered application.php control is returned to them. They enter the application information and click the send button. Sendapplication() then sends the information to the database where the performer and venue information is checked. The application is also checked to ensure there is no double bookings. The application is then inserted into the database and will be displayed in the manager’s inbox.

A screenshot of a social media post

Description automatically generated

This is the diagram that represents the process of the venue manager accepting an application. Once again, the () represents a button click or redirect. The application id is sent to accept.php. Accept.php then sends the application id to the database to retrieve the information linked to it. A record is then created in showdb and showpage and the application table is updated.

Implemented-Related Documentation

The system was tested using grey box testing. Grey box testing is a mixture of black and white box testing, so the outcome is known but the testing is done from the perspective of a user. Due to the limitations of CSC2043’s project requirements, PHP frameworks were not allowed to be used so unit testing could not be conducted. This is only a partial representation of the testing plan. The remainder of the tests will be in the appendices.

Testing for accept application:

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| Test Scenario | Accept Application -1 |
| Description | Accept an application for a show. Positive test case. |
| Prerequisite | Must be a venue manager and logged in. In this case the Ulster Hall account will be used. Must be viewing the inbox. |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the accept button over desired application | none | JavaScript alert appears asking for confirmation | JavaScript alert appears asking for confirmation | Google Chrome | Pass | “Are you sure you want to accept this application?” |
| 2 | Click the accept button on the JavaScript alert | none | Page refreshed showing that the application is confirmed. Application confirmed flag in database set to one and relevant information added to showdb and showpage tables | Page refreshed showing that the application is confirmed. Application confirmed flag in database set to one and relevant information added to showdb and showpage tables | Google Chrome | Pass |  |

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| Test Scenario | Accept Application -2 |
| Description | Attempt to accept an application that when the venue already has a confirmed application at the desired time. Negative test case. |
| Prerequisite | Must be a venue manager and logged in. In this case the Ulster Hall account will be used. Must be viewing the inbox. |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the accept button over desired application | none | JavaScript alert appears asking for confirmation | JavaScript alert appears asking for confirmation | Google Chrome | Pass | “Are you sure you want to accept this application?” |
| 2 | accept button on the JavaScript alert |  | Error message stating that the application cannot be accepted as the venue already has a show taking place at that time | Error message stating that the application cannot be accepted as the venue already has a show taking place at that time | Google Chrome | Pass | “Show already starting at that time.” |

Testing for deny application

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| Test Scenario | Deny Application -1 |
| Description | Deny an application for a show. Positive test case. |
| Prerequisite | Must be a venue manager and logged in. In this case the Ulster Hall account will be used. Must be viewing the inbox. |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the deny application button | none | JavaScript warning appears asking for confirmation | JavaScript warning appears asking for confirmation | Google Chrome | Pass | “Are you sure you want to deny this application? This cannot be undone” |
| 2 | Click the accept button on the JavaScript alert | none | Page refreshed showing that the application is denied. Application confirmed flag in database set to 0. | Page refreshed showing that the application is denied. Application confirmed flag in database set to 0. | Google Chrome | Pass |  |

Testing for logout system:

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| Test Scenario | Logout-1 |
| Description | Logout –Positive Test case: Logout |
| Prerequisite | Must be on site and logged in |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click logout link in navbar | none | Index page with no options for registered users | Index page with no options for registered users | Google Chrome | Pass |  |

Validate venue testing:

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| Test Scenario | Validate Venue -1 |
| Description | Admin validates venue – Positive use case. |
| Prerequisite | Must be on the viewing the venue user’s details, user must be an admin and the venue user must be unconfirmed |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click on the approve venue button | none | Page reloads and venue confirmed flag set to 1 in database | System crashes | Google Chrome | Fail | Failed due to syntax error fixed and passed on retest. Venue approved flag now set to one on page |

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| Test Scenario | Reset -1 |
| Description | Reset -Positive Test Case. Test the password reset function |
| Prerequisite | Must be on the view user page.  Must be an admin |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the reset password button | none | JavaScript function activated giving user an alert before they reset account password | JavaScript function activated giving user an alert before they reset account password | Google Chrome | Pass | “Are you sure you want to reset the password on this account?” |
| 2 | Click ok button | none | PHP code which resets password triggered resetting password. User redirect to affected users’ details. User would receive an email in normal circumstances. Users password reset in db. Password changed to reset | PHP code which resets password triggered resetting password. User redirect to affected users’ details. User would receive an email in normal circumstances. Users password reset in db. Password changed to reset | Google Chrome | Pass |  |

End of report. Test plan continued in appendices

Appendices

Adherence to Process

Testing plan continued:

Admin search testing

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| Test Scenario | Admin account search -1 |
| Description | Search for an existing user by username. Positive test case |
| Prerequisite | Must be an admin and logged and on userspage.php or searchedusers.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter account name and click search | Username: Kevin  User type: none | Link to Kevin’s profile returned | Link to Kevin’s profile returned | Google Chrome | Pass |  |

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| Test Scenario | Admin account search -2 |
| Description | Search for existing users by performer category. Positive test case |
| Prerequisite | Must be an admin and logged and on userspage.php or searchedusers.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter user type through drop down | Username: none  User type: Performer | Page containing links to performer profiles | Page containing links to performer profiles | Google Chrome | Pass |  |

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| Test Scenario | Admin account search -3 |
| Description | Search for existing users by Public User category. Positive test case |
| Prerequisite | Must be an admin and logged and on userspage.php or searchedusers.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter user type through drop down | Username: none  User type: Public User | Page containing links to Public user profiles | Page containing links to Public user profiles | Google Chrome | Pass |  |

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| Test Scenario | Admin account search -4 |
| Description | Search for existing users by Venue category. Positive test case |
| Prerequisite | Must be an admin and logged and on userspage.php or searchedusers.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter user type through drop down | Username: none  User type: Venue | Page containing links to venue profiles | Page containing links to venue profiles | Google Chrome | Pass |  |

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| Test Scenario | Admin account search -5 |
| Description | Search for existing users by username and category. Positive test case |
| Prerequisite | Must be an admin and logged and on userspage.php or searchedusers.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter username and then user type through drop down | Username: Kevin  User type: Performer | Page containing link to Kevin’s Profile | Page containing link to Kevin’s Profile | Google Chrome | Pass |  |

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| Test Scenario | Admin account search -6 |
| Description | Enter no search terms and click search. Negative test case |
| Prerequisite | Must be an admin and logged and on userspage.php or searchedusers.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter no data and click search | none | Message stating no results found | Page containing links to all users | Google Chrome | Fail | Fixed by fixing error in results checking statement updated to:  if ($userresult->num\_rows < 1) {  echo"<h1> No Users Found </h1>";  Changed the if empty statement for the user name to “if (empty($\_POST['username'])) {“ as the variable containing the user name was concatenated to the allow for LIKE statement to execute.  Passed on reattempt. |

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| Test Scenario | Admin account search -7 |
| Description | Enter search terms that will return no results Negative test case |
| Prerequisite | Must be an admin and logged and on userspage.php or searchedusers.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter data and click search | Username: Kevin  User type: Venue | Message stating no results found | Message stating no results found | Google Chrome | Pass | “No users Found” |

Account creation testing

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| Test Scenario | Account Creation- 1 |
| Description | Create Standard Account -Positive test case. |
| Prerequisite | Must not be a registered user or logged in. Must be on createaccount.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter valid account data and click create | Username: validuser  Password: \*\*\*\*\*\*\*\*\*\*\*\*  Email address: [test@test.com](mailto:test@test.com)  Phone number: 1111111  DOB: 06/03/89  Security question: test  Security answer: \*\*\*\*  User type: Standard  Profile image:  User.jpg | User redirected to login. Would be sent an email confirming account If system was live. Account added into db and profile page created in the database. | User not redirected | Google Chrome | Fail | Fixed by removing debugging echo statements from reg.php passed on reattempt. |

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| Test Scenario | Account Creation- 2 |
| Description | Create Performer Account -Positive test case. |
| Prerequisite | Must not be a registered user or logged in. Must be on createaccount.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter valid account data and click create | Username: validperformer  Password: \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  Email address: performer@performer.com  Phone number: 2222222  DOB: 06/03/89  Security question: test  Security answer: \*\*\*\*  User type: performer  Profile image:  User.jpg | User redirected to login. Would be sent an email confirming account If system was live  Account added into db and profile page created in the database. | User redirected to login.  Account added into db and profile page created in the database. | Google Chrome | Pass |  |

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| Test Scenario | Account Creation- 3 |
| Description | Create Venue Manager Account -Positive test case. |
| Prerequisite | Must not be a registered user or logged in. Must be on createaccount.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter valid account data and click create | Username: validmanager  Password: \*\*\*\*\*\*\*\*\*\*\*\*  Email address: manager@manager.com  Phone number: 3333333  DOB: 06/03/89  Security question: test  Security answer: \*\*\*\*  User type: Venue manager  Profile image:  User.jpg | User redirected to login. Would be sent an email confirming account If system was live. Account added to users and awaiting approval. | User redirected to login.  Account added to users and awaiting approval. | Google Chrome | Pass |  |

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| Test Scenario | Account Creation- 4 |
| Description | Attempt to create an account after entering no information -Negative test case. |
| Prerequisite | Must not be a registered user or logged in. Must be on createaccount.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter no details | None | Submit button does not appear | Submit button does not appear | Google Chrome | Pass |  |

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| Test Scenario | Account Creation- 5 |
| Description | Attempt to create an account with an invalid username -Negative test case. |
| Prerequisite | Must not be a registered user or logged in. Must be on createaccount.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter account data and click create. | Username: Kevin  Password: \*\*\*\*\*\*\*\*  Email address: [invaliduser@invaliduser.com](mailto:invaliduser@invaliduser.com)  Phone number: 4444444  DOB: 06/03/89  Security question: test  Security answer \*\*\*\*  User type: Standard  Profile image: user.jpg | Submit button does not appear | Submit button does not appear | Submit button does not appear | Pass | “Invalid user name" |

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| Test Scenario | Account Creation- 5 |
| Description | Attempt to create an account without entering a username -Negative test case. |
| Prerequisite | Must not be a registered user or logged in. Must be on createaccount.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter account data and click create. | Username: none  Password: \*\*\*\*\*\*\*\*  Email address: user@user.com  Phone number: 4444444  DOB: 06/03/89  Security question: test  Security answer \*\*\*\*  User type: Standard  Profile image: user.jpg | Validation prevents progression | Validation prevents progress | Google Chrome | Pass | “Please fill in this field” |

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| Test Scenario | Account Creation- 6 |
| Description | Attempt to create an account without entering a password -Negative test case. |
| Prerequisite | Must not be a registered user or logged in. Must be on createaccount.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter account data and click create. | Username: passwordtest  Password: none  Email address: user@user.com  Phone number: 4444444  DOB: 06/03/89  Security question: test  Security answer \*\*\*\*  User type: Standard  Profile image: user.jpg | Validation prevents progression | Validation prevents progression | Google Chrome | Pass | “Please fill in this field” |

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| Test Scenario | Account Creation- 7 |
| Description | Attempt to create an account without entering an email -Negative test case. |
| Prerequisite | Must not be a registered user or logged in. Must be on createaccount.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter account data and click create. | Username: emailtest  Password: \*\*\*\*\*\*\*\*  Email address: none  Phone number: 4444444  DOB: 06/03/89  Security question: test  Security answer \*\*\*\*  User type: Standard  Profile image: user.jpg | Validation prevents progression | Validation prevents progress | Google Chrome | Pass | “Please fill in this field” |

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| Test Scenario | Account Creation- 8 |
| Description | Attempt to create an account without entering a phone number -Negative test case. |
| Prerequisite | Must not be a registered user or logged in. Must be on createaccount.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter account data and click create. | Username: phonenumbertest  Password: \*\*\*\*\*\*\*\*  Email address: user@user.com  Phone number: none  DOB: 06/03/89  Security question: test  Security answer \*\*\*\*  User type: Standard  Profile image: user.jpg | Validation prevents progression | Validation prevents progression | Google Chrome | Pass | “Please fill in this field” |

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| Test Scenario | Account Creation- 9 |
| Description | Attempt to create an account without entering a security question-Negative test case. |
| Prerequisite | Must not be a registered user or logged in. Must be on createaccount.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter account data and click create. | Username: questiontest  Password: \*\*\*\*\*\*\*\*  Email address: user@user.com  Phone number: 44444444  DOB: 06/03/1989  Security question: none  Security answer \*\*\*\*  User type: Standard  Profile image: user.jpg | Validation prevents progression | Validation prevents progression | Google Chrome | Pass | “Please fill in this field” |

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| Test Scenario | Account Creation- 10 |
| Description | Attempt to create an account without entering a security question answer-Negative test case. |
| Prerequisite | Must not be a registered user or logged in. Must be on createaccount.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter account data and click create. | Username: answertest  Password: \*\*\*\*\*\*\*\*  Email address: user@user.com  Phone number: 44444444  DOB: 06/03/1989  Security question: test  Security answer: none  User type: Standard  Profile image: user.jpg | Validation prevents progression | Validation prevents progression | Google Chrome | Pass | “Please fill in this field” |

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| Test Scenario | Account Creation- 11 |
| Description | Attempt to create an account without selecting a usertype-Negative test case. |
| Prerequisite | Must not be a registered user or logged in. Must be on createaccount.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter account data and click create. | Username: typetest  Password: \*\*\*\*\*\*\*\*  Email address: user@user.com  Phone number: 44444444  DOB: 06/03/1989  Security question: test  Security answer: \*\*\*\*  User type: none  Profile image: user.jpg | Validation prevents progression | Validation prevents progression | Google Chrome | Pass | “Please select one of these options” |

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| Test Scenario | Account Creation- 12 |
| Description | Attempt to create an account without uploading a profile image-Negative test case. |
| Prerequisite | Must not be a registered user or logged in. Must be on createaccount.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter account data and click create. | Username: imagetest  Password: \*\*\*\*\*\*\*\*  Email address: image@image.com  Phone number: 44444444  DOB: 06/03/1989  Security question: test  Security answer: \*\*\*\*  User type: standard  Profile image: none | Validation prevents progression | System crashes on reg.php. | Google Chrome | Fail | Fixed by adding the following to reg.php  if(empty($file)){  echo"no image uploaded";  die();  }  Added required html tag to file upload.  Passed on reattempt with “Please select a file” |

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| Test Scenario | Account Creation- 13 |
| Description | Attempt to create an account without meeting the password requirements. Negative test case |
| Prerequisite | Must not be a registered user or logged in. Must be on createaccount.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter account data and click create. | Username: imagetest  Password: \*\*\*  Email address: image@image.com  Phone number: 44444444  DOB: 06/03/1989  Security question: test  Security answer: \*\*\*\*  User type: standard  Profile image: user.jpg | Validation prevents progression | Validation prevent progression | Google Chrome | Pass | “Password must be at least 10 characters and contain a special character, an uppercase letter, a lower case letter and a number” |

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| Test Scenario | Account Creation- 14 |
| Description | Create an account with a profile image size larger than 1mb. Negative test case |
| Prerequisite | Must not be a registered user or logged in. Must be on createaccount.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter account data and click create. | Username: imagetest  Password: \*\*\*\*\*\*\*\*\*\*\*\*\*\*  Email address: image@image.com  Phone number: 44444444  DOB: 06/03/1989  Security question: test  Security answer: \*\*\*\*  User type: standard  Profile image: 1mbimgtest | Error message stating file is too large to upload. Process stops | File uploads | Google Chrome | Fail | Error caused due to the way PHP intakes and process files. If a file is too large it size is auto set to zero. Fixed by adding “|| $filesize == 0” to the if statement checking the image size. Passed on reattempt |

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| Test Scenario | Account Creation- 15 |
| Description | Create an account with the same email as another account. Negative test case |
| Prerequisite | Must not be a registered user or logged in. Must be on createaccount.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter account data and click create. | Username: imagetest  Password: \*\*\*\*\*\*\*\*\*\*\*\*\*\*  Email address: kevin@kevin.com  Phone number: 44444444  DOB: 06/03/1989  Security question: test  Security answer: \*\*\*\*  User type: standard  Profile image: kevin.jpg | Error message stating this email is already assigned to an account | Error message stating this email is already assigned to an account | Google Chrome | Pass | “Account already exists that is registered to this email” |

Direct show application testing

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| Test Scenario | Direct show application -1 |
| Description | Send an application to venue using a link from their venue page. Positive test case |
| Prerequisite | Must be a performer and logged in. In this case Kevin will be used. Ulster Hall will be the venue used. Must be viewing venue page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the apply for show button |  | Redirected to profile edit page | Redirected to profile edit page | Google Chrome | Pass |  |
| 2 | Enter show information and click send application | Title: Testing  Text: Testing  Start date/time: 08/03/20 20:45  End date/time: 08/03/20 21:45 | Confirmation message saying application sent. Application added into the application table in the db | Confirmation message saying application sent.  Application added into the application table in the db | Google Chrome | Pass |  |

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| Test Scenario | Direct show application -2 |
| Description | Attempt to send an application with no title to a venue. Negative test case |
| Prerequisite | Must be a performer and logged in. In this case Kevin will be used. Ulster Hall will be the venue used. Must be viewing venue page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the apply for show button |  | Redirected to profile edit page | Redirected to profile edit page | Google Chrome | Pass |  |
| 2 | Enter show information and click send application | Title: none  Text: Testing  Start date/time: 08/03/20 20:45  End date/time: 08/03/20 21:45 | Validation prevents application being sent | Validation prevents application being sent | Google Chrome | Pass | “Please Fill in field” |

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| Test Scenario | Direct show application -3 |
| Description | Attempt to send an application with no text to a venue. Negative test case |
| Prerequisite | Must be a performer and logged in. In this case Kevin will be used. Ulster Hall will be the venue used. Must be viewing venue page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the apply for show button |  | Redirected to profile edit page | Redirected to profile edit page | Google Chrome | Pass |  |
| 2 | Enter show information and click send application | Title: Testing  Text: none  Start date/time: 08/03/20 20:45  End date/time: 08/03/20 21:45 | Validation prevents application being sent | Validation prevents application being sent | Google Chrome | Pass | “Please Fill in field” |

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| Test Scenario | Direct show application -4 |
| Description | Attempt to send an application with no start time to a venue. Negative test case |
| Prerequisite | Must be a performer and logged in. In this case Kevin will be used. Ulster Hall will be the venue used. Must be viewing venue page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the apply for show button |  | Redirected to profile edit page | Redirected to profile edit page | Google Chrome | Pass |  |
| 2 | Enter show information and click send application | Title: Testing  Text: Testing  Start date/time: None  End date/time: 08/03/20 21:45 | Validation prevents application being sent | Validation prevents application being sent | Google Chrome | Pass | “Please Fill in field” |

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| Test Scenario | Direct show application -5 |
| Description | Attempt to send an application with no end time to a venue. Negative test case |
| Prerequisite | Must be a performer and logged in. In this case Kevin will be used. Ulster Hall will be the venue used. Must be viewing venue page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the apply for show button |  | Redirected to profile edit page | Redirected to profile edit page | Google Chrome | Pass |  |
| 2 | Enter show information and click send application | Title: Testing  Text: Testing  Start date/time: 08/03/20 20:45  End date/time: none | Validation prevents application being sent | Validation prevents application being sent | Google Chrome | Pass | “Please Fill in field” |

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| --- | --- |
| Test Scenario | Direct show application -6 |
| Description | Attempt to send an application with no information to a venue. Negative test case |
| Prerequisite | Must be a performer and logged in. In this case Kevin will be used. Ulster Hall will be the venue used. Must be viewing venue page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the apply for show button |  | Redirected to profile edit page | Redirected to profile edit page | Google Chrome | Pass |  |
| 2 | Click send application | none | Validation prevents application being sent | Validation prevents application being sent | Google Chrome | Pass | “Please Fill in field” |

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| Test Scenario | Direct show application -7 |
| Description | Attempt to send an application for a time when another show is taking place at the venue. Negative test case |
| Prerequisite | Must be a performer and logged in. In this case Kevin will be used. Can be on any part of site as link in navbar |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the apply for show button | none | Redirected to application page | Redirected to application page | Google Chrome | Pass |  |
| 2 | Enter Details and click send application. | Venue: Ulster Hall  Title: Testing  Text: Testing  Start date/time: 27/03/2020: 12:00  End date/time: 27/03/2020: 13:00 | Error Message stating that a show is already taking place at this time and the process stops | Error Message stating that a show is already taking place at this time and the process stops | Google Chrome | Pass | “Show taking place at this time in the selected venue please select a later time” |

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| Test Scenario | Direct show application -8 |
| Description | Attempt to send an application where for a time where the performer has another show taking place.  Negative test case |
| Prerequisite | Must be a performer and logged in. In this case Kevin will be used. Can be on any part of site as link in navbar |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the apply for show button | none | Redirected to application page | Redirected to application page | Google Chrome | Pass |  |
| 2 | Enter Details and click send application. | Venue: venue  Title: Testing  Text: Testing  Start date/time: 27/03/2020: 12:00  Start date/time: 27/03/2020: 13:00 | Error Message stating that the performer already has a show taking place at the time | Error Message stating that the performer already has a show taking place at the time | Google Chrome | Pass | “You already have a booking at this time” |

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| Test Scenario | Direct show application -9 |
| Description | Attempt to send an application where the event occurs before the festival start time. Negative test case |
| Prerequisite | Must be a performer and logged in. In this case Kevin will be used. Can be on any part of site as link in navbar |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the apply for show button | none | Redirected to application page | Redirected to application page | Google Chrome | Pass |  |
| 2 | Enter Details and click send application. | Venue: venue  Title: Testing  Text: Testing  Start date/time: none:  End date/time: none | Date picker blocks input | Date picker blocks input | Google Chrome | Pass |  |

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| Test Scenario | Direct show application -10 |
| Description | Attempt to send an application where the event occurs after the festival end time. Negative test case |
| Prerequisite | Must be a performer and logged in. In this case Kevin will be used. Can be on any part of site as link in navbar |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the apply for show button | none | Redirected to application page | Redirected to application page | Google Chrome | Pass |  |
| 2 | Enter Details and click send application. | Venue: venue  Title: Testing  Text: Testing  Start date/time: 1/08/2020 12:00  End date/time: 1/08/2020 13:00 | Date picker blocks input | Input not blocked but input error picked up by server side validation | Google Chrome | Fail | Fixed by changing the hour and minute in the HTML max attributes on the pages to 23:59 instead of 24:00 |

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| Test Scenario | Direct show application -11 |
| Description | Attempt to send an application where the event ends before it starts. Negative test case |
| Prerequisite | Must be a performer and logged in. In this case Kevin will be used. Can be on any part of site as link in navbar |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the apply for show button | none | Redirected to application page | Redirected to application page | Google Chrome | Pass |  |
| 2 | Enter Details and click send application. | Venue: venue  Title: Testing  Text: Testing  Start date/time: 3/07/2020 12:00  End date/time: 2/07/2020 11:00 | Error message appears application blocked. | Error message appears application blocked | Google Chrome | Pass | “End date is before start time” |

Direct messaging test

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| Test Scenario | Messaging -1 |
| Description | Message -Positive Test Case. Send message to a user through their profile page. |
| Prerequisite | Must be logged in as a user and on be on profilepage or venuepage.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click message user button(in this case on Kevin’s profile page) | none | User redirected to messagethroughprofile.php with the recipient’s name displayed. | User redirected to messagethroughprofile.php with the recipient’s name displayed. | Google Chrome | Pass |  |
| 2 | Enter the message title and text and click send | Title: Testing  Text: Testing | Page refreshes ready to send another message. Message inserted into message table in db | Page refreshes ready to send another message  Message inserted into message table in db | Google Chrome | Pass |  |

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| Test Scenario | Messaging -2 |
| Description | Message -Negative Test Case. Send message to a user through their profile page with no title. |
| Prerequisite | Must be logged in as a user and on be on profilepage or venuepage.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click message user button(in this case on Kevin’s profile page) | none | User redirected to messagethroughprofile.php with the recipient’s name displayed. | User redirected to messagethroughprofile.php with the recipient’s name displayed. | Google Chrome | Pass |  |
| 2 | Enter the message text and click send | Title: none  Text: Testing | Validation prevents message sending | Validation prevents message sending | Google Chrome | Pass | “Please Fill in this field” |

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| --- | --- |
| Test Scenario | Messaging -3 |
| Description | Message -Negative Test Case. Send message to a user through their profile page with no text. |
| Prerequisite | Must be logged in as a user and on be on profilepage or venuepage.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click message user button(in this case on Kevin’s profile page) | none | User redirected to messagethroughprofile.php with the recipient’s name displayed. | User redirected to messagethroughprofile.php with the recipient’s name displayed. | Google Chrome | Pass |  |
| 2 | Enter the message title and click send | Title: Testing  Text: none | Validation prevents message sending | Validation prevents message sending | Google Chrome | Pass | “Please Fill in this field” |

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| Test Scenario | Messaging -4 |
| Description | Message -Negative Test Case. Send message to a user through their profile page with no text or title. |
| Prerequisite | Must be logged in as a user and on be on profilepage or venuepage.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click message user button(in this case on Kevin’s profile page) | none | User redirected to messagethroughprofile.php with the recipient’s name displayed. | User redirected to messagethroughprofile.php with the recipient’s name displayed. | Google Chrome | Pass |  |
| 2 | Enter no message content and click send | none | Validation prevents message sending | Validation prevents message sending | Google Chrome | Pass | “Please Fill in this field” |

Forget password testing

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| Test Scenario | Forget Password-1 |
| Description | Forget Password –Positive Test case: User details entered correctly, and password reset |
| Prerequisite | Must be on site and have a pre-existing account. Be on login page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click forget password | none | Taken to page asking for user email | Taken to page asking for user email | Google Chrome | Pass |  |
| 2 | Enter email and click the button to move to next step | Email: Kevin@kevin.com | Taken to page displaying a security question and asking for an answer and new password | Taken to page displaying a security question and asking for an answer and new password | Google Chrome | Pass |  |
| 3 | Enter the security question answer and new password | Answer :dog  Password: kevin | Taken to login page. User would be sent an email confirming reset if site was deployed. Password changed to “reset” in the user table in the db | Taken to login page. | Google chrome | Pass |  |

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| Test Scenario | Forget Password-2 |
| Description | Forget Password –Negative Test case: Wrong security question answer |
| Prerequisite | Must be on site and have a pre-existing account. Be on login page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click forget password | none | Taken to page asking for user email | Taken to page asking for user email | Google Chrome | Pass |  |
| 2 | Enter email and click the button to move to next step | Email: Kevin@kevin.com | Taken to page displaying a security question and asking for an answer and new password | Taken to page displaying a security question and asking for an answer and new password | Google Chrome | Pass |  |
| 3 | Enter the security question answer and new password | Answer :aa  Password: kevin | Error message saying incorrect answer | Taken to login page. | Google chrome | Fail | Error fixed by changing if condition to “==0” Test passes on retest. |

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| Test Scenario | Forget Password-3 |
| Description | Forget Password –Negative Test case: email that does not exist on system entered. |
| Prerequisite | Must be on site. Be on login page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click forget password | none | Taken to page asking for user email | Taken to page asking for user email | Google Chrome | Pass |  |
| 2 | Enter email and click the button to move to next step | Email: fakeemail@email.com | Error message stating that email does not exist in DB. | Error message stating that email does not exist in DB. | Google Chrome | Pass | “Email not Found” |

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| Test Scenario | Forget Password-4 |
| Description | Forget Password –Negative Test case. No answer for security question entered. |
| Prerequisite | Must be on site and have a pre-existing account. Be on login page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click forget password | none | Taken to page asking for user email | Taken to page asking for user email | Google Chrome | Pass |  |
| 2 | Enter email and click the button to move to next step | Email: Kevin@kevin.com | Taken to page displaying a security question and asking for an answer and new password. | Taken to page displaying a security question and asking for an answer and new password | Google Chrome | Pass |  |
| 3 | Enter no answer for security question | New password : \*\*\* | User required by client side to enter answer | User required by client side to enter answer | Google Chrome | Pass | “Please fill in this field” |

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| Test Scenario | Forget Password-5 |
| Description | Logout –Negative Test case. No new password entered. |
| Prerequisite | Must be on site and have a pre-existing account. Be on login page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click forget password | none | Taken to page asking for user email | Taken to page asking for user email | Google Chrome | Pass |  |
| 2 | Enter email and click the button to move to next step | Email: Kevin@kevin.com | Taken to page displaying a security question and asking for an answer and new password. | Taken to page displaying a security question and asking for an answer and new password | Google Chrome | Pass |  |
| 3 | Enter no new password | Answer: dog | Error message saying no password entered | Error message saying no password entered | Google Chrome | Pass | “No Password entered” |

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| Test Scenario | Forget Password-6 |
| Description | Logout –Negative Test case. No new password entered or security question answer entered. |
| Prerequisite | Must be on site and have a pre-existing account. Be on login page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click forget password | none | Taken to page asking for user email | Taken to page asking for user email | Google Chrome | Pass |  |
| 2 | Enter email and click the button to move to next step | Email: Kevin@kevin.com | Taken to page displaying a security question and asking for an answer and new password. | Taken to page displaying a security question and asking for an answer and new password | Google Chrome | Pass |  |
| 3 | Enter no new password or security question answer | none | Error message saying no answer entered | Error message saying no answer entered | Google Chrome | Pass | Client side stopped progression with “Please fill in this field” |

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| Test Scenario | Forget Password-7 |
| Description | Logout –Negative Test case. Password that does not match requirements entered. |
| Prerequisite | Must be on site and have a pre-existing account. Be on login page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click forget password | none | Taken to page asking for user email | Taken to page asking for user email | Google Chrome | Pass |  |
| 2 | Enter email and click the button to move to next step | Email: Kevin@kevin.com | Taken to page displaying a security question and asking for an answer and new password. | Taken to page displaying a security question and asking for an answer and new password | Google Chrome | Pass |  |
| 3 | Enter correct security question answer and | Answer: dog  New password: nomatch | Validation with error message prevents password reset | Validation with error message prevents password reset | Google Chrome | Pass | “Password must be at least 10 characters and contain a special character, an uppercase letter, a lower case letter and a number” |

Login testing

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| Test Scenario | Login-1 |
| Description | Login –Positive Test case: Valid login details |
| Prerequisite | Must be on site |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Navigate to Login Page |  | Login Page | Login Page | Google Chrome | Pass |  |
| 2 | Enter A valid username with a valid password | Username: Kevin  Password: \*\*\*\*\* | Redirection to site homepage with user relevant data | Redirection to site homepage with user relevant data | Google Chrome | Pass | Error message displays “No valid login details” |

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| Test Scenario | Login-2 |
| Description | Login –Negative test case. Invalid username |
| Prerequisite | Must be on site |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Navigate to Login Page |  | Login Page | Login Page | Google Chrome | Pass |  |
| 2 | Enter invalid username with a valid password | Username: donotexist  Password: \*\*\*\*\* | Error message | Error message | Google Chrome | Pass | Error message displays “No valid login details” |

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| Test Scenario ID | Login-3 |
| Description | Login –Negative test case invalid password |
| Prerequisite | Must be on site |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Navigate to Login Page |  | Login Page | Login Page | Google Chrome | Pass |  |
| 2 | Enter invalid username with a valid password | Username: Kevin  Password: \*\* | Error message | Error message | Google Chrome | Pass | Error message displays “No valid login details” |

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| --- | --- |
| Test ID | Login-4 |
| Description | Login -Negative test case. Invalid password and username |
| Prerequisite | Must be on site |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Navigate to Login Page |  | Login Page | Login Page | Google Chrome | Pass |  |
| 2 | Enter invalid username with a valid password | Username: doesnotexist  Password: \*\* | Error message | Error message | Google Chrome | Pass | Error message displays “No valid login details” |

Messaging test

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| Test Scenario | Messaging -1 |
| Description | Message -Positive Test Case. Send message to a user |
| Prerequisite | Must be logged in as a user and on messagepage.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter message details and click send. | Recipient: Kevin.  Title: Testdoc.  Text: testestestestest | Page refreshes ready to send another message. Message added into db | Page refreshes ready to send another message. Message added into db | Google Chrome | Pass |  |

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| --- | --- |
| Test Scenario | Messaging -2 |
| Description | Message -Negative Test Case. Send message to no user |
| Prerequisite | Must be logged in as a user and on messagepage.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter message details and click send. | Recipient: none  Title: Testdoc.  Text: testestestestest | Error message saying recipient not found. | Page refreshes ready to send another message | Google Chrome | Fail | Fixed by adding a condition.  if($findresult -> num\_rows < 1){  echo"Recipient not Found";  die();  } |

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| Test Scenario | Messaging -3 |
| Description | Message -Negative Test Case. Send message with no title to user |
| Prerequisite | Must be logged in as a user and on messagepage.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter message details and click send. | Recipient: Kevin  Title: None  Text: testestestestest | Error message saying no title entered | Page does not let progression occur message must be entered. | Google Chrome | Pass | “Please fill in required field” |

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| --- | --- |
| Test Scenario | Messaging -3 |
| Description | Message -Negative Test Case. Send message with no text to user |
| Prerequisite | Must be logged in as a user and on messagepage.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter message details and click send. | Recipient: Kevin  Title: Hello  Text: none | Error message saying no text entered | Page does not let progression occur message must be entered. | Google Chrome | Pass | “Please fill in required field” |

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| Test Scenario | Messaging -4 |
| Description | Message -Negative Test Case. Try to send message with no content at all |
| Prerequisite | Must be logged in as a user and on messagepage.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter no message details and click send. | None | Validation not allowing message to send | Page does not let progression occur details must be entered. | Google Chrome | Pass | “Please fill in required field” |

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| --- | --- |
| Test Scenario | Messaging -5 |
| Description | Message -Negative Test Case. Try to send message with no content to a user |
| Prerequisite | Must be logged in as a user and on messagepage.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter no message details and click send. | Recipient: Kevin | Validation not allowing message to send | Page does not let progression occur details must be entered. | Google Chrome | Pass | “Please fill in required field” |

Performer search testing

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| Test Scenario | Performer Search -1 |
| Description | Performer Search -Positive Test Case. Enter search term which guarantee result. |
| Prerequisite | Must be on the view performer page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter search term and press search | Search Term: Kev | Taken to page showing Kevin’s profile | Taken to page showing Kevin’s profile | Google Chrome | Pass |  |

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| --- | --- |
| Test Scenario | Performer Search -2 |
| Description | Performer Search -Negative Test Case. Enter search term which guarantee no result. |
| Prerequisite | Must be on the view performer page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter search term and press search | Search Term: noprofile | Taken to page showing error message | Taken to page showing error message | Google Chrome | Pass | “No Results found” |

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| Test Scenario | Performer Search -3 |
| Description | Performer Search -Negative Test Case. Enter no search term. |
| Prerequisite | Must be on the view performer page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click search | none | Taken to page showing all performers as no filter applied | Taken to page showing all performers as no filter applied | Google Chrome | Pass |  |

Profile page edit testing

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| Test Scenario | Profile page edit-1 |
| Description | Change all the content on a profile. Positive test case. |
| Prerequisite | Must be a performer or public user and logged in. Viewing profile page. (For this test case Kevin will be used” |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button |  | Redirected to profile edit page | Redirected to profile edit page | Google Chrome | Pass |  |
| 2 | Enter new profile page information and click save changes | Title: Testing  Text: Testing  Profile image: Kevin.jpg  Page images:  Kevin1.jpg  Kevin2.jpg  User.jpg | Updated profile page loads showing changes.  Profile page edited in the db. | Updated profile page loads showing changes.  Profile page edited in the db. | Google Chrome | Pass |  |

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| Test Scenario | Profile page edit-2 |
| Description | Only change the profile page title. Positive test case. |
| Prerequisite | Must be a performer or public user and logged in. Viewing profile page. (For this test case Kevin will be used” |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button |  | Redirected to profile edit page | Redirected to profile edit page | Google Chrome | Pass |  |
| 2 | Enter new profile page information and click save changes | Title: Testingtwo  Text: none  Profile image: none  Page images:  none | Updated profile page loads showing changes.  Profile page edited in the db. | Updated profile page loads showing changes.  Profile page edited in the db. | Google Chrome | Pass |  |

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| --- | --- |
| Test Scenario | Profile page edit-3 |
| Description | Only change the profile page text. Positive test case. |
| Prerequisite | Must be a performer or public user and logged in. Viewing profile page. (For this test case Kevin will be used” |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button |  | Redirected to profile edit page | Redirected to profile edit page | Google Chrome | Pass |  |
| 2 | Enter new profile page information and click save changes | Title: none  Text: testing3  Profile image: none  Page images:  none | Updated profile page loads showing changes.  Profile page edited in the db. | Updated profile page loads showing changes.  Profile page edited in the db. | Google Chrome | Pass |  |

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| Test Scenario | Profile page edit-4 |
| Description | Only change the profile image. Positive test case. |
| Prerequisite | Must be a performer or public user and logged in. Viewing profile page. (For this test case Kevin will be used” |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button |  | Redirected to profile edit page | Redirected to profile edit page | Google Chrome | Pass |  |
| 2 | Enter new profile page information and click save changes | Title: none  Text: none  Profile image: kevin1.jpg  Page images:  none | Updated profile page loads showing changes.  Profile page edited in the db. | Updated profile page loads showing changes.  Profile page edited in the db. | Google Chrome | Pass |  |

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| --- | --- |
| Test Scenario | Profile page edit-5 |
| Description | Only change the page images. Positive test case. |
| Prerequisite | Must be a performer or public user and logged in. Viewing profile page. (For this test case Kevin will be used” |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button |  | Redirected to profile edit page | Redirected to profile edit page | Google Chrome | Pass |  |
| 2 | Enter new profile page information and click save changes | Title: none  Text: none  Profile image: none  Page images:  User.jpg  Kevin2.jpg  Kevin3.jpg | Updated profile page loads showing changes.  Profile page edited in the db. | Updated profile page loads showing changes.  Profile page edited in the db. | Google Chrome | Pass |  |

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| --- | --- |
| Test Scenario | Profile page edit-6 |
| Description | Only change one page image. Positive test case. |
| Prerequisite | Must be a performer or public user and logged in. Viewing profile page. (For this test case Kevin will be used” |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button |  | Redirected to profile edit page | Redirected to profile edit page | Google Chrome | Pass |  |
| 2 | Enter new profile page information and click save changes | Title: none  Text: none  Profile image: none  Page images:  Man.jpg | Updated profile page loads showing changes.  Profile page edited in the db. | Updated profile page loads showing changes.  Profile page edited in the db. | Google Chrome | Pass |  |

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| --- | --- |
| Test Scenario | Profile page edit-6 |
| Description | Only change two page images. Positive test case. |
| Prerequisite | Must be a performer or public user and logged in. Viewing profile page. (For this test case Kevin will be used” |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button |  | Redirected to profile edit page | Redirected to profile edit page | Google Chrome | Pass |  |
| 2 | Enter new profile page information and click save changes | Title: none  Text: none  Profile image: none  Page images:  User.Jpg  Man.jpg | Updated profile page loads showing changes.  Profile page edited in the db. | Updated profile page loads showing changes.  Profile page edited in the db. | Google Chrome | Pass |  |

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| --- | --- |
| Test Scenario | Profile page edit-7 |
| Description | Attempt to upload four page images. Negative test case. |
| Prerequisite | Must be a performer or public user and logged in. Viewing profile page. (For this test case Kevin will be used” |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button |  | Redirected to profile edit page | Redirected to profile edit page | Google Chrome | Pass |  |
| 2 | Enter new profile page information and click save changes | Title: none  Text: none  Profile image: none  Page images:  User.Jpg  Man.jpg  Kevin.jpg  Kevin1.jpg | Error message saying too many images selected. | Error message saying too many images selected | Google Chrome | Pass | “Too many images selected” |

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| Test Scenario | Profile page edit-8 |
| Description | Make no changes and click save. Negative test case. |
| Prerequisite | Must be a performer or public user and logged in. Viewing profile page. (For this test case Kevin will be used) |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button |  | Redirected to profile edit page | Redirected to profile edit page | Google Chrome | Pass |  |
| 2 | Click save changes | None | Profile page loads but with no changes | Profile page loads but with no changes | Google Chrome | Pass |  |

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| Test Scenario | Profile page edit-9 |
| Description | Attempt to upload a profile image that is larger than 1mb. Negative test case. |
| Prerequisite | Must be a performer or public user and logged in. Viewing profile page. (For this test case Kevin will be used” |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button |  | Redirected to profile edit page | Redirected to profile edit page | Google Chrome | Pass |  |
| 2 | Select Image and click save changes | Profile image: 1mbimgtest.jpg | Error message saying file is too large. Process stops | Error message saying file is too large. Process stops | Google Chrome | Pass | “Profile Image File Greater than 1MB Cannot Upload” |

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| Test Scenario | Profile page edit-10 |
| Description | Attempt to upload a page image that is larger than 1mb. Negative test case. |
| Prerequisite | Must be a performer or public user and logged in. Viewing profile page. (For this test case Kevin will be used” |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button |  | Redirected to profile edit page | Redirected to profile edit page | Google Chrome | Pass |  |
| 2 | Select Image and click save changes | Page images: 1mbimgtest. | Error message saying file is too large. Process stops | Error message saying file is too large. Process stops | Google Chrome | Pass | “One of the Page Image Files Greater than 1MB Cannot Upload” |

Public user search testing

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| Test Scenario | User Search -1 |
| Description | User Search -Positive Test Case. Enter search term which guarantees result. |
| Prerequisite | Must be on the view user page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter search term and press search | Search Term: jsmi | Taken to page showing jsmith’s profile | Taken to page showing jsmith’s profile | Google Chrome | Pass |  |

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| Test Scenario | User Search -2 |
| Description | User Search -Negative Test Case. Enter search term which guarantees no result. |
| Prerequisite | Must be on the view user page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter search term and press search | Search Term: nouser | Taken to page showing error message with no results found | Taken to page showing error message with no results found. | Google Chrome | Pass | “No results found” |

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| --- | --- |
| Test Scenario | User Search -3 |
| Description | User Search -Negative Test Case. Enter no search term. |
| Prerequisite | Must be on the view user page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Press search button | none | Taken to page showing all users as no filter applied | Taken to page showing all users as no filter applied | Google Chrome | Pass |  |

Restrict account testing

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| Test Scenario | Restrict -1 |
| Description | Restrict -Positive Test Case. Test the review restrict function |
| Prerequisite | Must be on the admin view user’s details page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the restrict account button | none | Taken to page which shows restrictions to apply | Taken to page which shows restrictions to apply | Google Chrome | Pass |  |
| 2 | Click the button to restrict review and click apply | none | Taken to user details page showing the review restriction has been applied. Restriction table in db updated and the restriction flag for the user’s account set to one | Taken to user page where restriction has been applied.  Restriction table in db updated and the restriction flag for the user’s account set to one | Google Chrome | Pass |  |

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| Test Scenario | Restrict -2 |
| Description | Restrict -Positive Test Case. Test the application restriction function |
| Prerequisite | Must be on the admin view user’s details page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the restrict account button | none | Taken to page which shows restrictions to apply | Taken to page which shows restrictions to apply | Google Chrome | Pass |  |
| 2 | Click the button to restrict show applications and click apply | none | Taken to user details page showing the review restriction has been applied.  Restriction table in db updated and the restriction flag for the user’s account set to one | Taken to user page where application restrictions have been applied.  Restriction table in db updated and the restriction flag for the user’s account set to one | Google Chrome | Pass |  |

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| Test Scenario | Restrict -3 |
| Description | Restrict -Positive Test Case. Apply both restrictions at once |
| Prerequisite | Must be on the admin view user’s details page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the restrict account button | none | Taken to page which shows restrictions to apply | Taken to page which shows restrictions to apply | Google Chrome | Pass |  |
| 2 | Click the button to restrict show applications and reviews and click apply | none | Taken to user details page showing the review restrictions have been applied.  Restriction table in db updated and the restriction flag for the user’s account set to one | Taken to user page where application restrictions have been applied.  Restriction table in db updated and the restriction flag for the user’s account set to one | Google Chrome | Pass |  |

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| --- | --- |
| Test Scenario | Restrict -4 |
| Description | Restrict -Negative Test Case. Apply no restrictions |
| Prerequisite | Must be on the admin view user’s details page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the restrict account button | none | Taken to page which shows restrictions to apply | Taken to page which shows restrictions to apply | Google Chrome | Pass |  |
| 2 | Click apply button | none | Error message saying no restrictions selected | Taken to user page where restriction flag set to 1 but no restrictions applied | Google Chrome | Fail | Fixed by adding code to restrict account “  if($review == 0 && $apply == 0){  echo"No restrictions selected";  die();  }”  Passes on reattempt with “no restrictions selected” |

Schedule search testing

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| Test Scenario | Search Schedule -1 |
| Description | Schedule Search -Positive Test Case. Search for a show by name that is known to exist. |
| Prerequisite | Must be logged in as a performer or venue manager and viewing the schedule. Ulster Hall used in this case |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter the show title and click search | “kev” | Returns the show “Kevin’s new show” | Returns the show “Kevin’s new show” | Google Chrome | Pass |  |

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| Test Scenario | Search Schedule -2 |
| Description | Schedule Search -Positive Test Case. Search for a show by date that is known to exist. |
| Prerequisite | Must be logged in as a performer or venue manager and viewing the schedule. Ulster Hall used in this case |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter the show date and click search | “23/03/2020” | Returns the show “Kevin’s new show” | Returns the show “Kevin’s new show” | Google Chrome | Pass |  |

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| --- | --- |
| Test Scenario | Search Schedule -3 |
| Description | Schedule Search -Positive Test Case. Search for a show by title and date that is known to exist. |
| Prerequisite | Must be logged in as a performer or venue manager and viewing the schedule. Ulster Hall used in this case |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter the search terms and click search | Date:  “23/03/2020”  Title:  “New Show” | Returns the show “Kevin’s new show” | Returns the show “Kevin’s new show” | Google Chrome | Pass |  |

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| Test Scenario | Search Schedule -4 |
| Description | Schedule Search -Negative Test Case. Search for a show by title that does not exist. |
| Prerequisite | Must be logged in as a performer or venue manager and viewing the schedule. Ulster Hall used in this case |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter the show title and click search | “Nonexisitingshow” | Returns message stating no results | Returns message stating no results | Google Chrome | Pass | “No Results Found” |

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| Test Scenario | Search Schedule -5 |
| Description | Schedule Search -Negative Test Case. Search for a show by date that does not exist. |
| Prerequisite | Must be logged in as a performer or venue manager and viewing the schedule. Ulster Hall used in this case |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter the show date and click search | 19/01/2021 | Returns message stating no results | Returns message stating no results | Google Chrome | Pass | “No Results Found” |

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| Test Scenario | Search Schedule -6 |
| Description | Schedule Search -Negative Test Case. Search for a show by title and date that does not exist. |
| Prerequisite | Must be logged in as a performer or venue manager and viewing the schedule. Ulster Hall used in this case |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter the search terms and click search | Title: kev  Date: 19/01/2021 | Returns message stating no results | Returns message stating no results | Google Chrome | Pass | “No Results Found” |

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| --- | --- |
| Test Scenario | Search Schedule -7 |
| Description | Schedule Search -Negative Test Case. Attempt a search with no search terms |
| Prerequisite | Must be logged in as a performer or venue manager and viewing the schedule. Ulster Hall used in this case |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click search | none | Returns message stating no results | Returns message stating no results | Google Chrome | Pass | “No Results Found” |

Send application testing

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| --- | --- |
| Test Scenario | Search Schedule -1 |
| Description | Schedule Search -Positive Test Case. Search for a show by name that is known to exist. |
| Prerequisite | Must be logged in as a performer or venue manager and viewing the schedule. Ulster Hall used in this case |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter the show title and click search | “kev” | Returns the show “Kevin’s new show” | Returns the show “Kevin’s new show” | Google Chrome | Pass |  |

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| --- | --- |
| Test Scenario | Search Schedule -2 |
| Description | Schedule Search -Positive Test Case. Search for a show by date that is known to exist. |
| Prerequisite | Must be logged in as a performer or venue manager and viewing the schedule. Ulster Hall used in this case |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter the show date and click search | “23/03/2020” | Returns the show “Kevin’s new show” | Returns the show “Kevin’s new show” | Google Chrome | Pass |  |

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| --- | --- |
| Test Scenario | Search Schedule -2 |
| Description | Schedule Search -Positive Test Case. Search for a show by date that is known to exist. |
| Prerequisite | Must be logged in as a performer or venue manager and viewing the schedule. Ulster Hall used in this case |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter the show date and click search | “23/03/2020” | Returns the show “Kevin’s new show” | Returns the show “Kevin’s new show” | Google Chrome | Pass |  |

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| --- | --- |
| Test Scenario | Search Schedule -3 |
| Description | Schedule Search -Positive Test Case. Search for a show by title and date that is known to exist. |
| Prerequisite | Must be logged in as a performer or venue manager and viewing the schedule. Ulster Hall used in this case |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter the search terms and click search | Date:  “23/03/2020”  Title:  “New Show” | Returns the show “Kevin’s new show” | Returns the show “Kevin’s new show” | Google Chrome | Pass |  |

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| --- | --- |
| Test Scenario | Search Schedule -4 |
| Description | Schedule Search -Negative Test Case. Search for a show by title that does not exist. |
| Prerequisite | Must be logged in as a performer or venue manager and viewing the schedule. Ulster Hall used in this case |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter the show title and click search | “Nonexisitingshow” | Returns message stating no results | Returns message stating no results | Google Chrome | Pass | “No Results Found” |

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| --- | --- |
| Test Scenario | Search Schedule -5 |
| Description | Schedule Search -Negative Test Case. Search for a show by date that does not exist. |
| Prerequisite | Must be logged in as a performer or venue manager and viewing the schedule. Ulster Hall used in this case |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter the show date and click search | 19/01/2021 | Returns message stating no results | Returns message stating no results | Google Chrome | Pass | “No Results Found” |

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| --- | --- |
| Test Scenario | Search Schedule -6 |
| Description | Schedule Search -Negative Test Case. Search for a show by title and date that does not exist. |
| Prerequisite | Must be logged in as a performer or venue manager and viewing the schedule. Ulster Hall used in this case |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter the search terms and click search | Title: kev  Date: 19/01/2021 | Returns message stating no results | Returns message stating no results | Google Chrome | Pass | “No Results Found” |

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| --- | --- |
| Test Scenario | Search Schedule -7 |
| Description | Schedule Search -Negative Test Case. Attempt a search with no search terms |
| Prerequisite | Must be logged in as a performer or venue manager and viewing the schedule. Ulster Hall used in this case |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click search | none | Returns message stating no results | Returns message stating no results | Google Chrome | Pass | “No Results Found” |

Remove restrictions from account testing

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| Test Scenario | Unrestrict -1 |
| Description | Unrestrict -Positive Test Case. Test the review unrestrict function |
| Prerequisite | Must be on the admin view user’s details page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the unrestrict account button | none | Taken to page which shows restrictions to unapply | Taken to page which shows restrictions to unapply | Google Chrome | Pass |  |
| 2 | Click the button to unrestrict review and click apply | none | Taken to user details page showing the review restriction has been unapplied. Restriction table altered in db | Taken to user details page showing the review restriction has been unapplied.  Restriction table altered in db | Google Chrome | Pass |  |

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| --- | --- |
| Test Scenario | Unrestrict -2 |
| Description | Unrestrict -Positive Test Case. Test the application unrestrict function |
| Prerequisite | Must be on the admin view user’s details page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the unrestrict account button | none | Taken to page which shows restrictions to unapply | Taken to page which shows restrictions to unapply | Google Chrome | Pass |  |
| 2 | Click the button to unestrict show applications and click apply | none | Taken to user details page showing the review restriction has been unapplied. Restriction table altered in db | Taken to user page where review restrictions have been unapplied.  Restriction table altered in db | Google Chrome | Pass |  |

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| --- | --- |
| Test Scenario | Unrestrict -3 |
| Description | Restrict -Positive Test Case. Unapply both restrictions at once |
| Prerequisite | Must be on the admin view user’s details page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the unrestrict account button | none | Taken to page which shows restrictions to unapply | Taken to page which shows restrictions to unapply | Google Chrome | Pass |  |
| 2 | Click the button to unrestrict show applications and reviews and click apply | none | Taken to user details page showing the review restrictions have been unapplied  Restriction table altered in db and restrict flag in user set to 0 | Taken to user page where application restrictions have been unapplied  Restriction table altered in db and restrict flag in user set to 0 | Google Chrome | Pass |  |

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| --- | --- |
| Test Scenario | Unrestrict -4 |
| Description | Unrestrict -Negative Test Case. unapply no restrictions |
| Prerequisite | Must be on the admin view user’s details page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the Unrestrict account button | none | Taken to page which shows unrestrictions to apply | Taken to page which shows unrestrictions to apply | Google Chrome | Pass |  |
| 2 | Click apply button | none | Error message saying no unrestrictions selected | Error message saying no unrestrictions selected | Google Chrome | pass | Passes on reattempt with “no unrestrictions selected” |

Venue announcement testing

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| Test Scenario | Venue Announcement -1 |
| Description | Announcement -Positive Test Case. Send an announcement to registered performers |
| Prerequisite | Must be logged in as a venue manager and be on venueannoucement.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter announcement text and title and click send | Title: Testtest.  Text: testtest | Page refreshes ready to send another announcement. Announcement added to message table in db | Page refreshes ready to send another announcement. Announcement added to message table in db | Google Chrome | Pass |  |

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| Test Scenario | Venue Announcement -2 |
| Description | Announcement -Negative Test Case. Send an announcement with no title |
| Prerequisite | Must be logged in as a venue manager and be on venueannoucement.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter announcement text and click send | Title: none  Text: testtest | Validation prevents message from sending | Validation prevents message from sending | Google Chrome | Pass | Please fill in this required field |

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| Test Scenario | Venue Announcement -3 |
| Description | Announcement -Negative Test Case. Send an announcement with no text |
| Prerequisite | Must be logged in as a venue manager and be on venueannoucement.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter announcement title and click send | Title: test  Text: None | Validation prevents message from sending | Validation prevents message from sending | Google Chrome | Pass | Please fill in this required field |

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| --- | --- |
| Test Scenario | Venue Announcement -4 |
| Description | Announcement -Negative Test Case. Send an announcement with no content |
| Prerequisite | Must be logged in as a venue manager and be on venueannoucement.php |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click send | Title: none  Text: none | Validation prevents message from sending | Validation prevents message from sending | Google Chrome | Pass | Please fill in this required field |

Venue page edit testing

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| Test Scenario | Venue page edit -1 |
| Description | Edit all content on venue page. Positive Test case |
| Prerequisite | Must be a venue manager and logged in. Must be on the venue page. For this test case the Ulster Hall account will be used. |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button | none | Redirected to venuepagedit.php | Redirected to venuepagedit.php | Google Chrome | Pass |  |
| 2 | Enter new account and page details and click save changes | Title: Testing  Text: Testing  Profile image: user2.jpg  Venue image: User2.jpg  Phone number: 1111111  Email: Ulster[Hall@UlsterHall.com](mailto:Hall@UlsterHall.com).  Venue capacity: 1000  Venue page images: user2.jpg  User3.jpg  User4.jpg | Page redirects to updated venue page.  Changes added to the venue and venuepage tables in the database | System crashed | Google Chrome | Fail | Syntax error with bind param function. Changed $venueimgquery = bind\_param("si",$truenamevenueimg,$editorid);  To  $venueimgquery -> bind\_param("si",$truenamevenueimg,$editorid);  Passed on reattempt. |

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| Test Scenario | Venue page edit -2 |
| Description | Only Change the title on the venue page. Positive Test case |
| Prerequisite | Must be a venue manager and logged in. Must be on the venue page. For this test case the Ulster Hall account will be used. |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button | none | Redirected to venuepagedit.php | Redirected to venuepageedit.php | Google Chrome | Pass |  |
| 2 | Enter new account and page details and click save changes | Title: Testingtwo  Text: none  Profile image: none  Venue image: none  Phone number: none  Email: none  Venue capacity: none  Venue page images: none | Page redirects to updated venue page. Changes added to the venue and venuepage tables in the database | Page redirects to updated venue page | Google Chrome | Pass |  |

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| --- | --- |
| Test Scenario | Venue page edit -3 |
| Description | Only Change the text on the venue page. Positive test case |
| Prerequisite | Must be a venue manager and logged in. Must be on the venue page. For this test case the Ulster Hall account will be used. |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button | none | Redirected to venuepagedit.php | Redirected to venuepagedit.php | Google Chrome | Pass |  |
| 2 | Enter new account and page details and click save changes | Title: none  Text: Testingthree  Profile image: none  Venue image: none  Phone number: none  Email: none  Venue capacity: none  Venue page images: none | Page redirects to updated venue page.  Changes added to the venue and venuepage tables in the database | Page redirects to updated venue page.  Changes added to the venue and venuepage tables in the database | Google Chrome | Pass |  |

|  |  |
| --- | --- |
| Test Scenario | Venue page edit -4 |
| Description | Only Change the profile image on the venue page. Positive test case |
| Prerequisite | Must be a venue manager and logged in. Must be on the venue page. For this test case the Ulster Hall account will be used. |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button | none | Redirected to venuepagedit.php | Redirected to venuepagedit.php | Google Chrome | Pass |  |
| 2 | Enter new account and page details and click save changes | Title: none  Text: none  Profile image: user4.jpg  Venue image: none  Phone number: none  Email: none  Venue capacity: none  Venue page images: none | Page redirects to updated venue page.  Changes added to the venue and venuepage tables in the database | Page redirects to updated venue page.  Changes added to the venue and venuepage tables in the database | Google Chrome | Pass |  |

|  |  |
| --- | --- |
| Test Scenario | Venue page edit -5 |
| Description | Only Change the profile venue image on the venue page.  Positive test case |
| Prerequisite | Must be a venue manager and logged in. Must be on the venue page. For this test case the Ulster Hall account will be used. |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button | none | Redirected to venuepagedit.php | Redirected to venuepagedit.php | Google Chrome | Pass |  |
| 2 | Enter new account and page details and click save changes | Title: none  Text: none  Profile image: none  Venue image: ulsterhall2.jpg  Phone number: none  Email: none  Venue capacity: none  Venue page images: none | Page redirects to updated venue page.  Changes added to the venue and venuepage tables in the database | Page redirects to updated venue page.  Changes added to the venue and venuepage tables in the database | Google Chrome | Pass |  |

|  |  |
| --- | --- |
| Test Scenario | Venue page edit -6 |
| Description | Only Change the phone number on the venue page.  Positive test case |
| Prerequisite | Must be a venue manager and logged in. Must be on the venue page. For this test case the Ulster Hall account will be used. |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button | none | Redirected to venuepagedit.php | Redirected to venuepageedit.php | Google Chrome | Pass |  |
| 2 | Enter new account and page details and click save changes | Title: none  Text: none  Profile image: none  Venue image: none  Phone number: 1234567  Email: none  Venue capacity: none  Venue page images: none | Page redirects to updated venue page.  Changes added to the venue and venuepage tables in the database | Page redirects to updated venue page.  Changes added to the venue and venuepage tables in the database | Google Chrome | Pass |  |

|  |  |
| --- | --- |
| Test Scenario | Venue page edit -7 |
| Description | Only Change the email address on the venue page.  Positive test case |
| Prerequisite | Must be a venue manager and logged in. Must be on the venue page. For this test case the Ulster Hall account will be used. |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button | none | Redirected to venuepagedit.php | Redirected to venuepagedit.php | Google Chrome | Pass |  |
| 2 | Enter new account and page details and click save changes | Title: none  Text: none  Profile image: none  Venue image: none  Phone number: none  Email: ulshall@hall.com  Venue capacity: none  Venue page images: none | Page redirects to updated venue page.  Changes added to the venue and venuepage tables in the database | Page redirects to updated venue page.  Changes added to the venue and venuepage tables in the database | Google Chrome | Pass |  |

|  |  |
| --- | --- |
| Test Scenario | Venue page edit -8 |
| Description | Only Change the venue capacity on the venue page.  Positive test case |
| Prerequisite | Must be a venue manager and logged in. Must be on the venue page. For this test case the Ulster Hall account will be used. |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button | none | Redirected to venuepagedit.php | Redirected to venuepagedit.php | Google Chrome | Pass |  |
| 2 | Enter new account and page details and click save changes | Title: none  Text: none  Profile image: none  Venue image: none  Phone number: none  Email: none  Venue capacity: 500  Venue page images: none | Page redirects to updated venue page.  Changes added to the venue and venuepage tables in the database | Page redirects to updated venue page.  Changes added to the venue and venuepage tables in the database | Google Chrome | Pass |  |

|  |  |
| --- | --- |
| Test Scenario | Venue page edit -9 |
| Description | Only Change the venue page images on the venue page.  Positive test case |
| Prerequisite | Must be a venue manager and logged in. Must be on the venue page. For this test case the Ulster Hall account will be used. |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button | none | Redirected to venuepagedit.php | Redirected to venuepagedit.php | Google Chrome | Pass |  |
| 2 | Enter new account and page details and click save changes | Title: none  Text: none  Profile image: none  Venue image: none  Phone number: none  Email: none  Venue capacity: none  Venue page images: Ulsterhall2.jpg  Kevin.jpg  Man.jpg | Page redirects to updated venue page.  Changes added to the venue and venuepage tables in the database | Page redirects to updated venue page.  Changes added to the venue and venuepage tables in the database | Google Chrome | Pass |  |

|  |  |
| --- | --- |
| Test Scenario | Venue page edit -10 |
| Description | Attempt to upload a profile image larger than 1mb.  Negative test case |
| Prerequisite | Must be a venue manager and logged in. Must be on the venue page. For this test case the Ulster Hall account will be used. |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button | none | Redirected to venuepagedit.php | Redirected to venuepageedit.php | Google Chrome | Pass |  |
| 2 | Enter new account and page details and click save changes | Profile image: 1mbimgtest.jpg | Error message stating file is too large and process stopped. | Error message stating file is too large and process stopped. | Google Chrome | Pass | “Profile Image Size Greater than 1MB Cannot Upload” |

|  |  |
| --- | --- |
| Test Scenario | Venue page edit -11 |
| Description | Attempt to upload a venue image larger than 1mb.  Negative test case |
| Prerequisite | Must be a venue manager and logged in. Must be on the venue page. For this test case the Ulster Hall account will be used. |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button | none | Redirected to venuepagedit.php | Redirected to venuepagedit.php page | Google Chrome | Pass |  |
| 2 | Enter new account and page details and click save changes | Venue image: 1mbimgtest.jpg | Error message stating file is too large and process stopped. | Error message stating file is too large and process stopped. | Google Chrome | Pass | “Venue Page Image Size Greater than 1MB Cannot Upload” |

|  |  |
| --- | --- |
| Test Scenario | Venue page edit -12 |
| Description | Attempt to upload a venue page image larger than 1mb.  Negative test case |
| Prerequisite | Must be a venue manager and logged in. Must be on the venue page. For this test case the Ulster Hall account will be used. |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click the edit profile button | none | Redirected to venuepagedit.php | Redirected to venuepagedit.php | Google Chrome | Pass |  |
| 2 | Enter new account and page details and click save changes | Venue page images: 1mbimgtest.jpg | Error message stating file is too large and process stopped. | Error message stating file is too large and process stopped. | Google Chrome | Pass | “One of the Page Image Files Greater than 1MB Cannot Upload” |

Venue promotional material upload testing

|  |  |
| --- | --- |
| Test Scenario | Venue Promotional Material upload -1 |
| Description | Promotional Material Upload -Positive Test Case. Upload a piece of promotional material to the venue’s page |
| Prerequisite | Must be viewing the venue page and signed in as the venue owner. In this test Ulster Hall will be used |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Select the desired material to upload and click the submit button | buckethead.jpg | Page refreshes showing new material and the promotional material is added to the database | Error message for when no material is selected for upload displayed | Google Chrome | Fail | “No Material Selected for Upload”  Moving changing from an if statement that checks if the array is empty to an else statement that checks for individual items preventing the error.  else{  echo "No Material Selected for Upload";  die();  }  Passed on reattempt |

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| --- | --- |
| Test Scenario | Venue Promotional Material upload -2 |
| Description | Promotional Material Upload -Negative Test Case. Attempt to upload no material |
| Prerequisite | Must be viewing the venue page and signed in as the venue owner. In this test Ulster Hall will be used |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click submit button | none | Error message for when no material is selected for upload displayed | Upload stops but no error message displays | Google Chrome | Fail | Fixed using the previous fix for the first test.  Passed on reattempt |

|  |  |
| --- | --- |
| Test Scenario | Venue Promotional Material upload -3 |
| Description | Promotional Material Upload -Negative Test Case. Attempt to upload material of an unallowed file type such as an exe file |
| Prerequisite | Must be viewing the venue page and signed in as the venue owner. In this test Ulster Hall will be used |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Select Material . Click submit button | Forbiddenfile.bat | Error message stating that the file type is invalid and the upload process is stopped | Error message stating that the file type is invalid and the upload process is stopped | Google Chrome | Pass | “File type invalid please ensure file is a png,jpg,JPEG or pdf” |

|  |  |
| --- | --- |
| Test Scenario | Venue Promotional Material upload -4 |
| Description | Promotional Material Upload -Negative Test Case. Attempt to upload material of a size greater than 1mb |
| Prerequisite | Must be viewing the venue page and signed in as the venue owner. In this test Ulster Hall will be used |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Select Material . Click submit button | Filesizefiltertest.txt | Error message stating that the file is too large to upload and process is stopped | Error message stating that the file is too large to upload and process is stopped | Google Chrome | Pass | “Promo Material Size Greater than 1MB Cannot Upload” |

Venue promotional material download testing

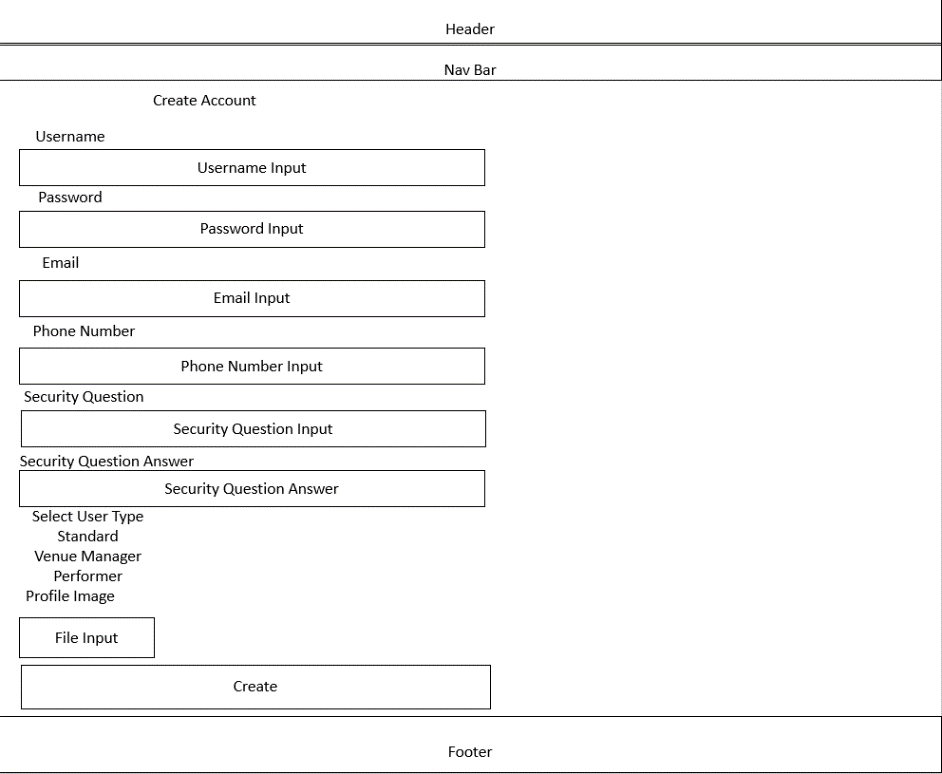
|  |  |
| --- | --- |
| Test Scenario | Venue Promotional Material Download -1 |
| Description | Promotional Material Download -Positive Test Case. Download material from the venue page. |
| Prerequisite | Must be viewing a venue page. Ulster Hall in this scenario |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Click on download link under promotional material heading | None. | File downloads to download folder or selected folder | File downloads to download folder or selected folder | Google Chrome | Pass |  |

Venue search testing

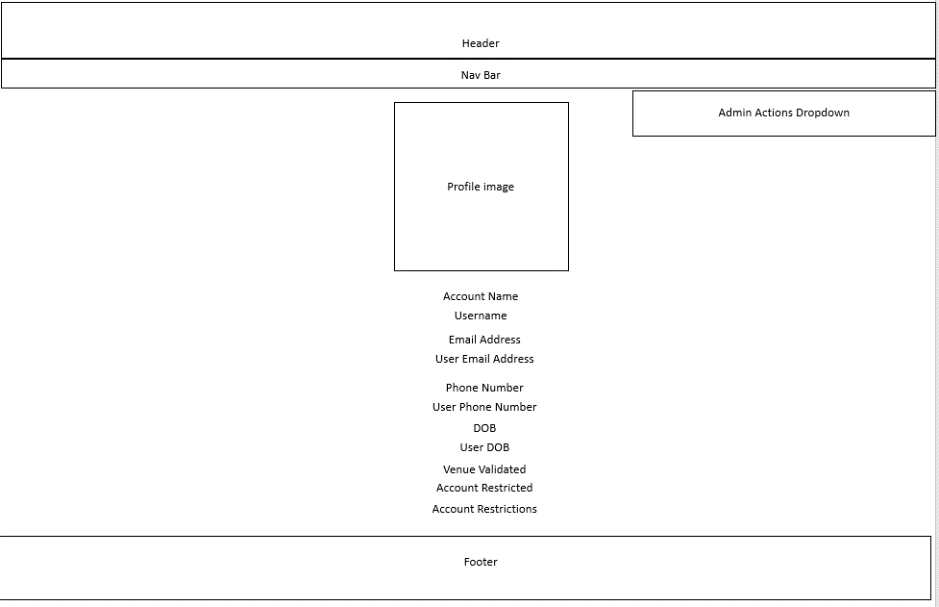
|  |  |
| --- | --- |
| Test Scenario | Venue Search -1 |
| Description | Venue Search -Positive Test Case. Enter search term which guarantees result. |
| Prerequisite | Must be on the view venue page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter search term and press search | Search Term: uls | Taken to page showing Ulster Hall’s profile | Taken to page showing Ulster Hall’s profile | Google Chrome | Pass |  |

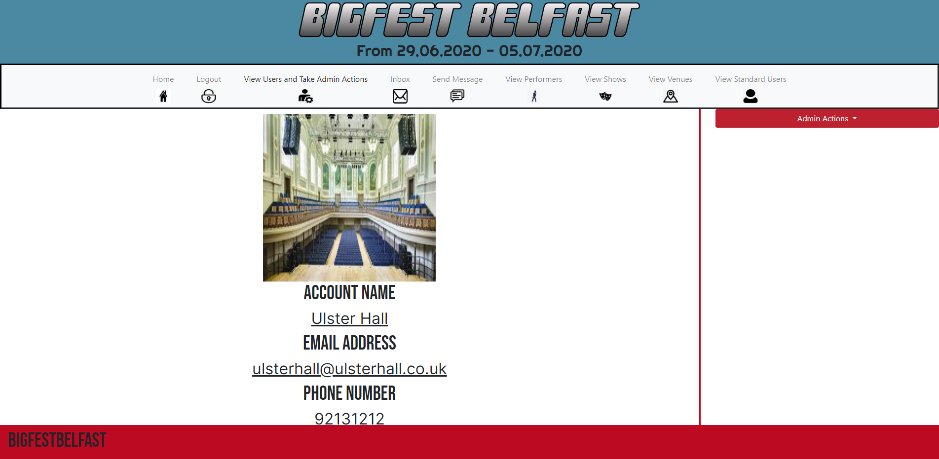
|  |  |
| --- | --- |
| Test Scenario | Venue Search -2 |
| Description | Venue Search -Negative Test Case. Enter search term which guarantees no result. |
| Prerequisite | Must be on the view venue page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Enter search term and press search | Search Term: novenue | Taken to page showing error message with no results found | Taken to page showing error message with no results found. | Google Chrome | Pass | “No results found” |

|  |  |
| --- | --- |
| Test Scenario | Venue Search -3 |
| Description | Venue Search -Negative Test Case. Enter no search term. |
| Prerequisite | Must be on the view venue page |
| Step No | Action | Inputs | Expected Output | Actual Output | Test Browser | Test Result | Test Comments |
| 1 | Press search button | none | Taken to page showing all venues as no filter applied | Taken to page showing all venues as no filter applied | Google Chrome | Pass |  |

Wireframes appendices Create account wireframe



High level details



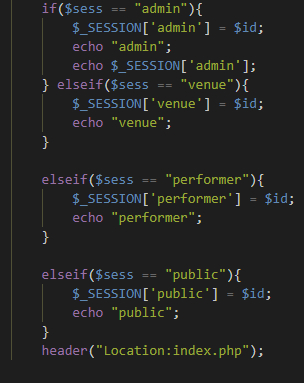
Wireframes for almost all pages in the site can be found in the screen mock ups and screen dumps folder on the GitLab.

Sequence diagrams for almost all processes on the site can be found in the sequence diagram folder on the GitLab

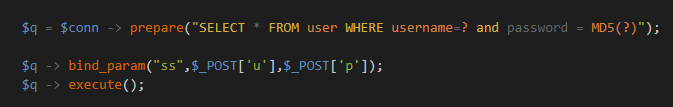
Secure System Features.

The system was secured using several methods.

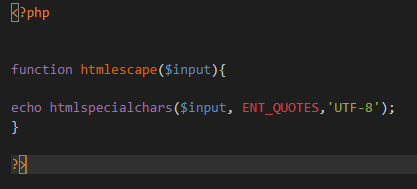
One of these methods is using session variables for user authentication. As can be seen below when the user logs in they are given a session variable based on their user type in the database. These sessions carry on through the site until logout. They have been used the sites content based on user and prevent the user from accessing certain pages.



Another secure feature was using prepared statements to prevent SQL injection attacks. An example of a prepared statement can be seen below.



Another security feature implemented was a function to prevent cross site scripting attacks. An example of the function and how it is used can be seen below.



Above function:

Below function in use:



Team Minutes

# Minutes for Team Group 1 Week commencing 20/01/2020 Date of this minute 23/01/2020

The following team members were present

|  |  |
| --- | --- |
| Name (printed/typed) | Signature |
| Lewis Robinson |  |
| James McCaughey |  |
|  |  |
|  |  |
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Task Reporting (Briefly list the progress for each team member in the last week.\*)

Lewis Robinson (1):



James McCaughey (2):

\*Printouts giving an overview of interim deliverables may be added as a supplement to these minutes.

Actions Planned (Briefly list the actions required of each team member for the next week.)

Lewis Robinson:

* Plan webpages

James McCaughey:

* Plan webpages

# Minutes for Team Group 1 Week commencing 27/01/20 Date of this minute 31/01/20

The following team members were present

|  |  |
| --- | --- |
| Name (printed/typed) | Signature |
| Lewis Robinson |  |
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Task Reporting (Briefly list the progress for each team member in the last week.\*)

Lewis Robinson (1):

* Considered site design
* Considered DB design.

\*Printouts giving an overview of interim deliverables may be added as a supplement to these minutes.

Actions Planned (Briefly list the actions required of each team member for the next week.)

Lewis Robinson (1):

* Develop login and register system.
* Develop user db system.
* Develop venue approval system.

# Minutes for Team Group 1 Week commencing 3/02/2020 Date of this minute 06/02/2020

The following team members were present

|  |  |
| --- | --- |
| Name (printed/typed) | Signature |
| Lewis Robinson |  |
| James McCaughey |  |
| Jack Bradley |  |
|  |  |
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Task Reporting (Briefly list the progress for each team member in the last week.\*)

Lewis Robinson (1):

* User creation system designed
* User restritction system completed

James McCaughey (2):

Jack Bradley (3):

* Designed showpage

\*Printouts giving an overview of interim deliverables may be added as a supplement to these minutes.

Actions Planned (Briefly list the actions required of each team member for the next week.)

Lewis Robinson:

* Finish validation on user system
* Start messaging system
* Implement Database

James McCaughey:

* Implement Database
* Start reviews

Jack Bradley (3):

* Implement Database
* Continue site design work

# Minutes for Team Group1 Week commencing 10/02/2020 Date of this minute 13/02/2020

The following team members were present

|  |  |
| --- | --- |
| Name (printed/typed) | Signature |
| Lewis Robinson |  |
| Jack Bradley |  |
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Task Reporting (Briefly list the progress for each team member in the last week.\*)

Lewis Robinson (1):

* Show application system finished.
* Messaging system finished.
* General validation and security work done.

Jack Bradley (2):

\*Printouts giving an overview of interim deliverables may be added as a supplement to these minutes.

Actions Planned (Briefly list the actions required of each team member for the next week.)

Lewis Robinson (1):

* Finish profile pages.
* Finish profile editing feature.

Jack Bradley (2):

* Finish showpage

# Minutes for Team Group1 Week commencing 17/02/2020 Date of this minute 20/02/2020

The following team members were present

|  |  |
| --- | --- |
| Name (printed/typed) | Signature |
| Lewis Robinson |  |
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Task Reporting (Briefly list the progress for each team member in the last week.\*)

Lewis Robinson (1):

* Bug fixing across systems
* Venue Annoucement System finished
* Logged out password reset finished
* AJAX validation on create account finished

\*Printouts giving an overview of interim deliverables may be added as a supplement to these minutes.

Actions Planned (Briefly list the actions required of each team member for the next week.)

Lewis Robinson (1):

* Finish profile page/venue page editing feature
* Fix JS gallery system
* Work on design
* Implement basic booking system

# Minutes for Team Group1 Week commencing 24/02/2020 Date of this minute 27/02/2020

The following team members were present

|  |  |
| --- | --- |
| Name (printed/typed) | Signature |
| Lewis Robinson |  |
| James McCaughey |  |
| Jack Bradley |  |
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Task Reporting (Briefly list the progress for each team member in the last week.\*)

Lewis Robinson (1):

* Profile editing system finished
* Login testing finished
* More dynamic functionality added

James McCaughey (2):

* Review design

Jack Bradley (3):

* Work on show page

\*Printouts giving an overview of interim deliverables may be added as a supplement to these minutes.

Actions Planned (Briefly list the actions required of each team member for the next week.)

Lewis Robinson (1):

* Finish venue profile edit
* More testing on various features
* Update application system.
* Class diagram

James McCaughey (2):

* Implement review system
* Start testing

Jack Bradley (3):

* Implement show page
* Create venue calendar
* Start testing

# Minutes for Team Group 1 Week commencing 2/3/2020 Date of this minute 5/3/2020

The following team members were present

|  |  |
| --- | --- |
| Name (printed/typed) | Signature |
| Lewis Robinson |  |
| Jack Bradley |  |
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Task Reporting (Briefly list the progress for each team member in the last week.\*)

Lewis Robinson (1):

* More testing
* Multi page views implemented
* Class diagram started
* Application system being updated
* Design being updated

Jack Bradley (2):

* Work on showpage
* Work on booking page

\*Printouts giving an overview of interim deliverables may be added as a supplement to these minutes.

Actions Planned (Briefly list the actions required of each team member for the next week.)

Lewis Robinson(1):

* Update design across site
* More testing
* Start sequence diagrams
* Start screen mock ups/dumps
* Update application system

Jack Bradley (2):

* Work on Booking system
* Work on Show pages
* Start Testing
* Start Sequence diagrams.

# Minutes for Team Group1 Week commencing 9/03/2020 Date of this minute 12/03/2020

The following team members were present

|  |  |
| --- | --- |
| Name (printed/typed) | Signature |
| Lewis Robinson |  |
| Jack Bradley |  |
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Task Reporting (Briefly list the progress for each team member in the last week.\*)

Lewis Robinson (1):

* Continued testing
* Improved design
* Fixed various bugs
* Started View for performers and venues Schedule
* Finished venue promo material upload and download.
* Improved sequence diagram.

Jack Bradley (2):

* Worked on show page
* Continued work on booking system
* Continued work on overall site schedule

\*Printouts giving an overview of interim deliverables may be added as a supplement to these minutes.

Actions Planned (Briefly list the actions required of each team member for the next week.)

Lewis Robinson (1):

* Fully complete redesign
* Fix bugs
* Finish testing of own features
* Start and finish sequence diagrams for own features
* Finish view schedule view for venue and performer

Jack Bradley (2):

* Work on schedule
* Work on show page
* Work booking
* Start testing for own features
* Start sequence diagrams for own features

# Minutes for Team Group 1 Week commencing 16.03.2020 Date of this minute 21/03/2020

The following team members were present

|  |  |
| --- | --- |
| Name (printed/typed) | Signature |
| Lewis Robinson |  |
| Jack Bradley |  |
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Task Reporting (Briefly list the progress for each team member in the last week.\*)

Lewis Robinson(1):

* Sequence diagrams started
* Design improved
* Class Diagram improved
* Bug fixing
* More testing

Jack Bradley (2):

* Work on booking system
* Booking system sequence
* Show page worked on

\*Printouts giving an overview of interim deliverables may be added as a supplement to these minutes.

Actions Planned (Briefly list the actions required of each team member for the next week.)

Lewis Robinson (1):

* More design work
* Finish class diagram
* Finish sequence diagrams
* Re test site
* Make screen mockups

Jack Bradley (2):

* Make screen mockups
* Finish booking system
* Finish testing
* Finish sequence diagram
* Finish showpage

Overall contribution record.

Lewis Robinson: Class diagram

Lewis Robinson: All sequence diagrams except for booking system.

Lewis Robinson All tests except for booking system tests

Lewis Robinson: All wireframes except for show page and booking page.

Lewis Robinson: Login system

Lewis Robinson: Create account system

Lewis Robinson: Admin action systems

Lewis Robinson: Restrict and unrestrict account system

Lewis Robinson: Venue announcement system

Lewis Robinson: Messaging system

Lewis Robinson: Show application system

Lewis Robinson: Password reset systems

Lewis Robinson: Promotional material upload system

Lewis Robinson: Promotional material download system

Lewis Robinson: Search system across site

Lewis Robinson: Pagination system

Lewis Robinson: Cross site scripting fix

Lewis Robinson: Logout system

Lewis Robinson: Implemented galleries

Jack Bradley: Booking system sequence diagrams

Jack Bradley: Booking system tests

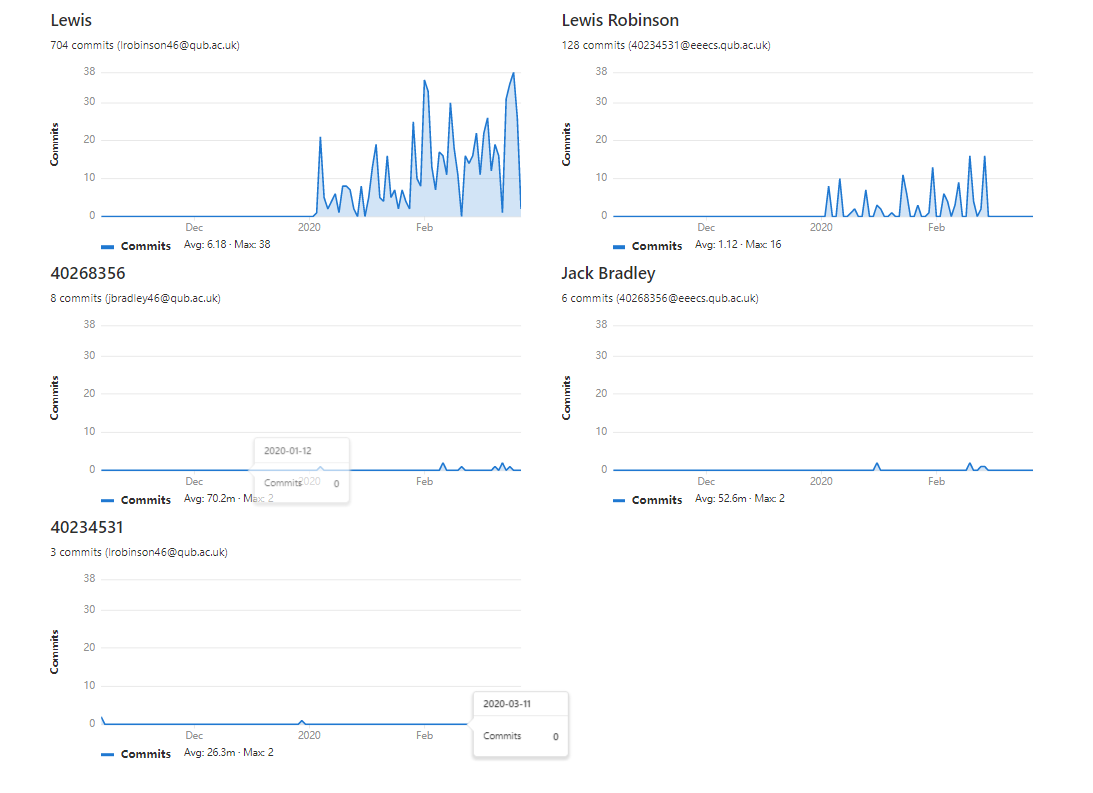
Jack Bradley: Show page and booking page wireframes

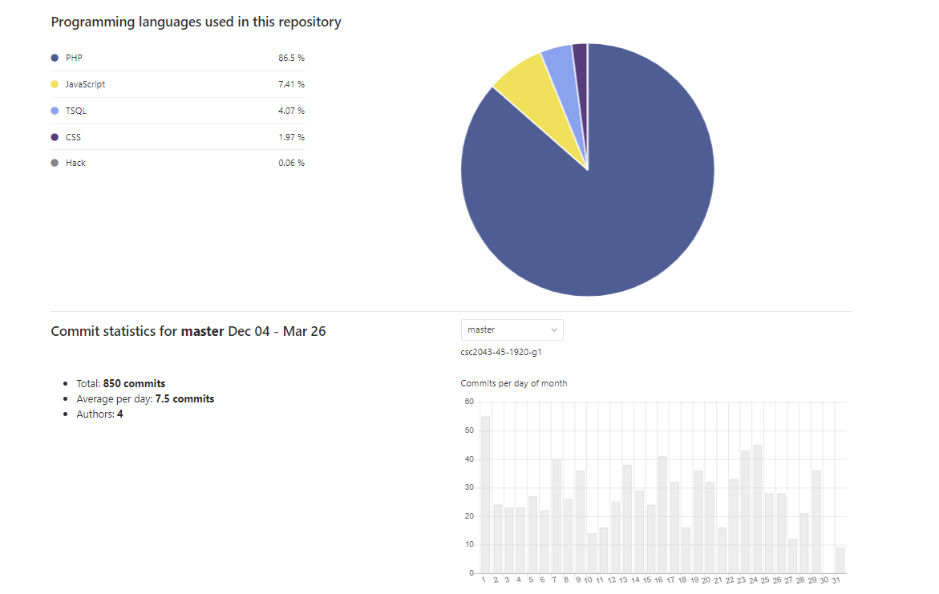
Jack Bradley: Show page

Jack Bradley: Booking system

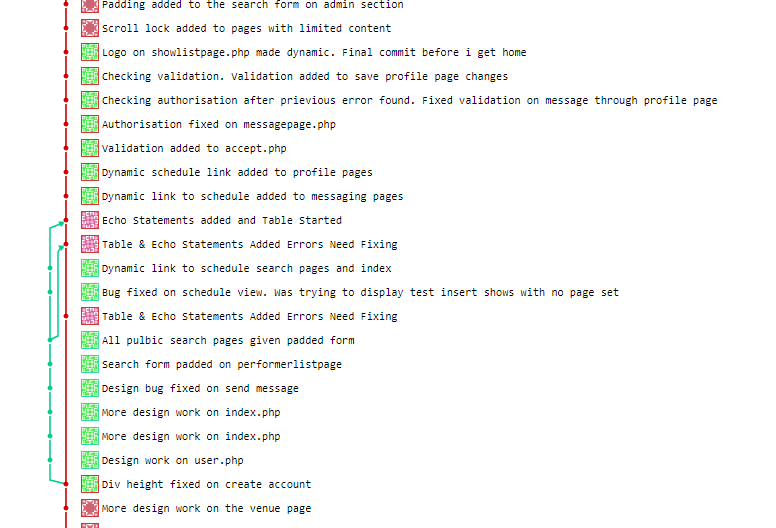
Jack Bradley: Showpage edit

Gitlab screenshots:





Example change log:



References

Code references:

Random numbers

https://www.php.net/manual/en/function.rand.php

Logo

https://cooltext.com/Edit-Logo?LogoID=3480650073&3480650073\_Font=1010

Centre form inputs

https://stackoverflow.com/questions/46560362/how-to-center-form-using-bootstrap-4

Fonts

https://fonts.google.com/specimen/Bebas+Neue

https://fonts.google.com/specimen/Inter?selection.family=Inter

https://fonts.google.com/specimen/Righteous?selection.family=Righteous

https://fonts.google.com/specimen/Sen?selection.family=Sen

Logout

https://www.php.net/session\_destroy

Drop Down

https://getbootstrap.com/docs/4.0/components/dropdowns/

Multiple Files

https://stackoverflow.com/questions/2704314/multiple-file-upload-in-php

Navbar

https://getbootstrap.com/docs/4.3/components/navbar/

Keyup

https://api.jquery.com/keyup/

Change link colour

<https://www.rapidtables.com/web/html/link/html-link-color.html>

Swipebox

<https://brutaldesign.github.io/swipebox/>

Swipebox jquery version fix:

https://github.com/brutaldesign/swipebox/issues/352

SQL current date:

https://www.w3schools.com/sql/func\_mysql\_curdate.asp

SQL Like

https://stackoverflow.com/questions/18527659/php-mysqli-prepared-statement-like

Javascript warning

https://www.w3schools.com/jsref/met\_win\_confirm.asp

javascript redirect

https://www.w3schools.com/howto/howto\_js\_redirect\_webpage.asp

SQL Rand()

https://stackoverflow.com/questions/1117761/return-rows-in-random-order

Pagination

https://www.phpjabbers.com/php--mysql-select-data-and-split-on-pages-php25.html

MAXID

/https://stackoverflow.com/questions/3837990/last-insert-id-mysql

File downloads

https://www.w3schools.com/tags/att\_a\_download.asp

HMTL escape characters

<https://www.php.net/manual/en/function.htmlspecialchars.php>

<https://www.php.net/manual/en/function.htmlentities.php>

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COVID-19 changes.

In order to cope with the changes to the group work caused by COVID-19 a group Discord chat was set up. Discord is a free VoIP program that allows for group chats to be set up as well as screen sharing to take place during calls. This made it extremely useful for solving errors and due to Discord being on both mobile and PC it allowed for the team to commnicate on the go. While not as effective as an in person team meeting it allowed for problems to be easily shared and solutions to be given. A screenshot of the chat can be seen below:

