Inspection Defect Log

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| Product | Fiesta Design Inspection | | |
| Date | 02/05/19 | | |
| Author | Pooja Tewari | | |
| Moderator | Shivangi Chand | | |
| Inspectors | Siddharth Dhar, Sripath Mishra | | |
| Recorder | Ethan Niu | | |
| Defect # | Description | Severity | How Corrected |
| 1 | Heroku deployment fails due to missing environmental variables and database connection | 1 | Set the correct environmental variables and subscribing to a free Postgres Heroku database instance and connecting to it. |
| 2 | Bootstrap incompatibility causing issues with Bootstrap vs. non-Bootstrap pages | 2 | Limited the global Bootstrap coverage to Bootstrap specific pages only |
| 3 | Faulty CircleCi DB integration (Postgres Docker image not running during CircleCi unit testing) | 1 | Changed the environmental variables for CircleCi unit testing |
| 4 | Incorrect URL frontend and backend for forgot password page | 2 | Fixed the url for the post request made for forget password |
| 5 | Non-optimized views for mobile devices | 3 | Fixed the metadata of the html code |
| 6 | Image invitation not loading correctly on different web browsers (only the text is shown and not the image) | 2 | Added a metadata to the email being sent to the guests |

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| Product | Fiesta Module Inspection | | |
| Date | 02/06/19 | | |
| Author | Ethan Niu | | |
| Moderator | Siddharth Dhar | | |
| Inspectors | Pooja Tewari, Shivangi Chand | | |
| Recorder | Sripath Mishra | | |
| Defect # | Description | Severity | How Corrected |
| 1 | Hard coding of credentials in the code base | 1 | Removed all hard-coded credentials and set them as environmental variables |
| 2 | Possibility of SQL injection by using string manipulation to create SQL statements | 1 | Used the parameter passing feature of the database package |
| 3 | Linting problems (different coding style of each developer) | 3 | Used ESLint package to uniform the code |
| 4 | Re-sorting of an already sorted data | 3 | Removed the extra sorting algorithm from the code |
| 5 | Deletion of previous docker image/not reusing previous docker image | 3 | Updated the docker files so that they reuse the old docker image |
| 6 | Route defined in incorrect file (event creation route was specified in user.js file when it should have been in events.js file) | 2 | Moved the event creation route from user.js to events.js |

Testing Defect Log

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| Product | Fiesta Unit Test | | |
| Date | 02/07/19 | | |
| Author | Pooja Tewari | | |
| Defect # | Description | Severity | How Corrected |
| 1 | The secret used for password hashing was not available to the code base | 1 | Added the salt to the environmental variables |
| 2 | An already in use username is allowed for registration of a new user | 1 | Update the code to not allow a username to be used simultaneously |
| 3 | Invalid longitude and latitude were passed to the route and no error was given | 3 | Set a condition that gives an error upon inputting an invalid longitude and latitude |
| 4 | When user feedback is provided to the developer, the previous feedback given by the same user is overwritten in the database | 2 | Made the SQL statement independent of the user who is giving the feedback |
| 5 | Accepting invalid emails when sending out event invites | 1 | Added a npm package for email validation to weed out invalid emails and throw an appropriate error |
| 6 | Deletion of guest in the guest list does not occur | 2 | Corrected the SQL statements used for deletion of guests |