Seed Defect Log

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| Defect No. | Defect | Output Before seeding | Output after seeding | Suggested correction | Severity |
| 1 | The users should not be able to modified the event status (“in process” or “finished”) until all the bills are paid off. | The users are Only the owner of the event could be able to edit the event status after all the bills are paid off. | The users are free to modify the status of an event any time | Create a confirmation schema (eventID, senderID(sender is someone who owe others money), receiverID, senderFlag, receiverFlag, and amount) and check if the bill is paid off. (senderFlag and receiverFlag are both 1) |  |
| 2 | Create account should not be successful if user email, username or password is not given. | When user email or password is not given, user could not successfully create an account, a warning is given | When user email, user name or password is not given, user could successfully create an account. | Do null check on the user email field and password field. Return a warning message |  |
| 3 | Signup should not be successful if either user email or password is not given | When user email or password is not given, user should not be able to sign up. | When user email or password is not given, user still could sign up successfully. | Do null check on the user email and password. Return warning message |  |
| 4 | The owner of an event should not be able to input negative total amount | The system gives a error message when the owner enter a negative total amount | The negative value is stored in database and there is no error message for negative value of total amount. | Check the value of total amount in advance |  |
| 5 | The members should not be able to input a negative individual amount. | The system gives a error message when the owner enter a negative individual amount | The negative value is stored in database and there is no error message for negative value of total amount. | Check the value of individual amount in advance |  |
| 6 | The username field should not be too long for security reason | The username cannot be longer than 15 characters | The username can be longer than 15 characters | Set restriction in the database |  |
| 7 | The defined css style should only be inserted and applied once | The defined css style is inserted and applied once | The same css style is inserted twice. The first one is override by the second one. | Remove the script insertion “ <script src="bundle.js" type="text/javascript"></script>” in index.html. Because webpack is configured to insert the js file already. | 2 |
| 8 | When adding an event to a user’s eventlist, despite of the eventID is invalid, the event will still be added to the list | Add event to the user’s event list no matter what, but after check if the event does not exist, pop the event out of that user’s event list. | Add event to the user’s event list no matter what, but nothing will happen even if such event is not existed | Check if event exists before adding to user’s event list | 2 |
| 9 | When clicking on the “Your Balance”, the middle panel is not replaced with corresponding Balance panel | The selectActivePanel action defined in redux store is dispatched properly, and the balance panel is rendered properly | The defined selectActivePanel action is unrecognized | Add “()” to wrap around the JSON object selectActivePanel returns | 2 |
| 10 | When clicking on the “Message Box”, the middle panel does not render Message Box panel | The getActivePanel function returns the correct name of the active panel user selected and renders Message Box panel in the middle panel | The getActivePanel function returns undefined, which causes Message Box panel unable to render in the middle panel | Instead of accessing the activePanel from redux state by state.activePanel but by state.panels.activePanel | 2 |
| 11 | Member list of an event should include the owner | The member list of an event include the owner. | The member list of an event does not display the owner | Add the owner to the member list when the event is created. |  |
| 12 | Improper on click action on title | The pop-up window will not show up. | If unintentionally click the title, unnecessary pop-up window appear | Remove the action |  |
| 13 | The user who is invited should not be added into the event if he/she does not respond or decline the invitation. | The system wait the user’s response and then add he/she into the event | When the owner invites a user, even the user does not respond, he/she is added into the event anyway | Check if the user has responded to the invitation before add to the member list. |  |
| 14 | The member should not be able to delete an event when the event’s status is “in process” | Neither the owner nor the member can delete an event. Only the owner could change the event status. | The member can delete the event when the event is “in process” | We remove the delete button for the member. Only the owner should be able to delete an event |  |
| 15 | When get all events of a, the API return all the event in the database | The user’s event list show only the events he/she attends | The user’s event list shows all the event in database, but not only the events he/she attends | Change API, filter by userID when fetching the eventID. |  |
| 16 | Relative positioned elements often change position depending on the screen size | Even if the user adjusts the size of the screen, components maintain their position | When the user adjusts the screen size, position of the component changes | Set the parent height and width correctly, and use absolute position and percentage |  |
| 17 | User input text field sometimes does not show a line for user to input | There are some spaces between each text field components, properly showing the input line for user to input | When the user tries to input information to the text field, input lines are hidden | In CSS file, set the margin-border large enough to ensure space between components |  |
| 18 | Multiple components that perform different functions in the same container cause overlap | Components that perform same function are stored in the same container wrapped together, while distinct components are separated into different containers for clarification | Users sometime see that distinct components overlap or have the identical design | Factor out and group the components that are similar into separate file, and import it from the container |  |
| 19 | CreateEventPanel has some unaligned components | Input prompting text and drop down menu are aligned correctly | Parts that require text and dropdown menu to be in the same line are not aligned | Wrap the components into same div and specify id, then align them in the css file |  |
| 20 | User input pages do not show current date as default | Show today’s date as a default date, and uses are allowed to choose date from the dropdown instead of having to type manually | The program has the hard-coded date, or just get the date as a text field instead of allowing user to select the date | Import the function to get the current date, and specify that date as a current state of the drop down menu |  |
| 21 | When user signs up a new account, error message always pops out “User Account already exists”. | Errors message “User Account already exists” popes out, only when user email is already found in database | Even though user’s email is not found from database and they sign up successfully. User can still get the message “User Account already exists” | Add signup checking validation function to look at the database, if user’s email is found, render the error message to user, otherwise no message shows up. |  |
| 22 | When user logins, error message always pops out “Failed to sign in”. | Error message “Failed to sign in” pops out, only when user’s input doesn’t match the data in database | Error message always pops out, not matter user’s inputs are mated with our database or not. | Add login checking validation function to look at the database, if user’s email and passwords are found , redirect user to main page. Otherwise render the error message to user. |  |
| 23 | When user clicks “create a new event” button, nothing shows on the middle panel. | When clicking the “CREATE A NEW EVENT” button, user can start a new event with a list of choices such as event name,type, time and so on | When clicking the “CREATE A NEW EVENT” button, middle panel remains default to Message box | Create CreateNewEventbtn.js and CreateNewEventbtnContainer files and let them connect and they would be able to render themselves with middle panel when their status get changed. |  |
| 24 | “sign up” button only shows text “sign” instead of “sign up”. | “Sign up” button shows correctly on the top bar | Only “sign” shows on the top bar, which is confused by users. | Change fontsize and height of “Sign up” to em. |  |
| 25 | When user logins, there is no sign indicating user is already logged. | Top bar shows user’s name and sign out button | When user logins successfully, there is no indication to show user’s status | Add sign out button on the top bar and fetch user’s name from API and add a button to show user’s name on the top bar |  |

1. Edit, event status should not be modified until all the bills are paid
2. Create account username and password not null
3. Signup username and passoword not null
4. Total amount cannot less than 0
5. Individual amount cannot less than 0
6. Username length should not be too long
7. Styles inserted twice, the first one is wiped by the second one. (Izzy)
8. Action not recognized. (Izzy)
9. Create event, member list should include owner
10. Weird overwriting by user agent stylesheet. (Izzy)
11. activePanel state is undefined (Izzy)
12. Unproper on click action on title (If unintentionally click the title, unnecessary pop-up window appear), remove action
13. Invitation list not confirmed,
14. Not all users could delete an event
15. When get user all event, the API return all the event in the table. Correct:
16. Relative positioned elements often change position depending on the screen size
17. User input text field sometimes does not show a line for user to input
18. Multiple components that perform different functions in the same container cause overlap
19. CreateEventPanel has some unaligned components
20. User input pages do not show current date as default

21. When user signs up a new account, error message always pops out “User Account already exists”.

22. When user logins, error message always pops out “Failed to sign in”.

23. When user clicks “create a new event” button, nothing shows on the middle panel. (pre)

24. “sign up” button only shows text “sign” instead of “sign up”.

25. When user logins, there is no sign indicating user is already logged.