

# Sprint 2 Design Inspection, Code Inspection, and Unit Testing

Team 14: CoconutWatr

March 3, 2017

## Team Members

Kate Wang, Dominic Valentine, Wilson Husin, Jiho Choi, Kyle Leaf

## Design Inspection Defects

|               |   |          |   |
|---------------|---|----------|---|
| Product       | Header and Navigation Bar of all page   |          |   |
| Date          | 02/27/2017  |          |   |
| Author        | Jiho Choi   |          |   |
| Moderator     | Kyle Leaf   |          |   |
| Inspectors    | Kate Wang, Dominic Valentine, Wilson Husin  |          |   |
| Recorder      | Dominic Valentine   |          |   |
| Defect Number | Description   | Severity | How Corrected   |
| 1             | Code of header and navigation bar, separated from the respective .html page files, are not properly loaded.   | 1        | Fix the jQuery script file to be the right format when it is called from each page. |
| 2             | Logout button of navigation bar is not properly redirecting to login page after the corresponding code is separated from dashboard.html to script.js. | 1        | Add logout handler to jQuery script of navigation and header script.                |

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| Product   | Database (MongoDB) Design Inspection |
| Date      | 02/26/2017                           |
| Author    | Kyle Leaf                            |
| Moderator | Wilson Husin                         |

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|---------------|--|----------|---|
| Inspectors    | Kate Wang, Dominic Valentine, Jiho Choi                      |          |   |
| Recorder      | Jiho Choi  |          |   |
| Defect Number | Description  | Severity | How Corrected                             |
| 1             | User input data is not deleted after the set period of time. | 3        | Use TTL index to remove the timeout data. |
| 2             | No way to see a user's active invitations.                   | 3        | Create a getInvite() method.              |

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|---------------|---|----------|--|
| Product       | Class Page Subgroup Inspection  |          |  |
| Date          | 02/28/2017  |          |  |
| Author        | Dominic Valentine   |          |  |
| Moderator     | Kate Wang   |          |  |
| Inspectors    | Kate Wang, Wilson Husin, Kyle Leaf, Jiho Choi   |          |  |
| Recorder      | Jiho Choi   |          |  |
| Defect Number | Description   | Severity | How Corrected  |
| 1             | "Add Subgroup" pop up window is not properly sending the user input of subgroup name to the database. | 1        | Fix the getSubgroupName method of database script file to properly handle the user input.          |
| 2             | "Cancel" button of "Add Subgroup" pop up window is not responding.                                    | 2        | Fix the "Cancel" button handler to properly redirect to the class page when the button is clicked. |
| 3             | Users are still being displayed on the page after leaving.  | 3        | Remove user from subgroup in database before retrieving data.                                      |

## Code Inspection Defects

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|---------------|---|----------|--|
| Product       | Database Inspection   |          |  |
| Date          | 03/1/2017   |          |  |
| Author        | Kyle Leaf   |          |  |
| Moderator     | Dominic Valentine   |          |  |
| Inspectors    | Kate Wang, Wilson Husin, Jiho Choi  |          |  |
| Recorder      | Wilson Husin  |          |  |
| Defect Number | Description   | Severity | How Corrected  |
| 1             | Invites are not being removed from the collection after being accepted or denied. | 3        | Add a invite.remove() line to the end of accept invite and decline invite functions.                           |
| 2             | Users are not being removed from subgroup after leaving.                          | 3        | Add a remove user from subgroup function.  |
| 3             | Get functions return nothing due to JavaScript being asynchronous.                | 1        | Add a callback function argument to the get functions and call them with the returned document as an argument. |

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| Product       | Create Events Page Inspection                          |          |   |
| Date          | 03/3/2017  |          |   |
| Author        | Dominic Valentine                                      |          |   |
| Moderator     | Jiho Choi  |          |   |
| Inspectors    | Kate Wang, Wilson Husin, Kyle Leaf                     |          |   |
| Recorder      | Wilson Husin   |          |   |
| Defect Number | Description  | Severity | How Corrected                                   |
| 1             | User has the ability to resize the Descriptions field. | 3        | Delete permissions in html and convert to jade. |

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| 2 | Two identical time selection options are present on each page.     | 2 | Remove one wheel.   |
| 3 | Day's selection is not based off of month chosen.                  | 1 | Implement a function to only allow users to pick a day based off of the month they have chosen. |
| 4 | Pressing Create Event button does not redirect back to Class page. | 1 | Fix page redirection and test that Event information is passed before redirection.              |

## Unit Testing Defects

|               |   |          |  |
|---------------|---|----------|--|
| Product       | Invite Classmates To Subgroup Unit Test   |          |  |
| Date          | 02/23/2017  |          |  |
| Author        | Jiho Choi   |          |  |
| Defect Number | Description   | Severity | How Corrected  |
| 1             | “Add Subgroup” pop up window is not showing the proper data of the current class information.               | 1        | Add a function to retrieve data from database for the class information when “Add Subgroup” pop up is invoked. |
| 2             | After clicking the “Add Subgroup” button, “Add Subgroup” pop up window shows the unupdated classmates list. | 2        | Update the classmate list of the “Add Subgroup” pop up window as soon as the “Add Subgroup” button is clicked. |

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| Product       | Add A Subgroup Unit Test   |          |   |
| Date          | 02/25/2017   |          |   |
| Author        | Kate Wang  |          |   |
| Defect Number | Description  | Severity | How Corrected   |
| 1             | When a member of a subgroup posts a message, the message is not received by other users. | 1        | Configure chat to be sent and received in (almost) real time with Socket.io.    |
| 2             | User input of the subgroup title can be more than 50 characters without any message.     | 2        | Implement a popup window for user to know if there are more than 50 characters. |

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| Product       | View Past Classes Unit Test  |          |   |
| Date          | 02/26/2017   |          |   |
| Author        | Dominic Valentine  |          |   |
| Defect Number | Description  | Severity | How Corrected   |
| 1             | When “View Past Classes” button is pushed not only the past class but also all the possible classes are displayed to a User. | 2        | Add a flag to each class that denotes whether a class is currently enrolled or enrolled at past or not belong to all. |

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|---------------|---|----------|--|
| Product       | Page Header Unit Test   |          |  |
| Date          | 02/26/2017  |          |  |
| Author        | Jiho Choi   |          |  |
| Defect Number | Description   | Severity | How Corrected  |
| 1             | “Add Class” page not showing the consistent header for the user.    | 2        | Remove the navigation bar code from the addClass.html and call the script.js method to properly load the consistent header.    |
| 2             | “Create Event” page not showing the consistent header for the user. | 2        | Remove the navigation bar code from the createEvent.html and call the script.js method to properly load the consistent header. |