

# Design Inspection, Code Inspection, and Unit Testing

Team 14: CoconutWatr

February 7, 2017

## Team Members

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

## Design Inspection Defects

Product	Node.js Server		
Date	02/05/2017		
Author	Wilson Husin		
Moderator	Kyle Leaf		
Inspectors	Kate Wang, Dominic Valentine, Jiho Choi		
Recorder	Dominic Valentine		
Defect Number	Description	Severity	How Corrected
1	Node.js server is not correctly connected to the database.	1	Connect the server with database via mongoose.js
2	Page not found does not redirect to designated "notfound.html"	2	Fix path redirection settings
3	Add class doesn't enter class into database.	1	Create post path in app.js

Product	Database (MongoDB) Design Inspection		
Date	02/06/2017		
Author	Kyle Leaf		
Moderator	Wilson Husin		
Inspectors	Kate Wang, Dominic Valentine, Jiho Choi		

Recorder	Jiho Choi		
Defect Number	Description	Severity	How Corrected
1	There is no attribute to store created time of the post.	2	Add entry to keep the creation time.
2	Dashboard page is not properly loading news feeds data to Summary section.	2	Connect dashboard.html with database.
3	The total number of posts wouldn't changed in database when the post is deleted.	2	Add decrement operation to reduce the numOfPost variable when post is deleted.
4	Adding class in dashboard page doesn't enter class into database.	1	Create post path in app.js

### Code Inspection Defects

Product	Database Inspection		
Date	02/08/2017		
Author	Kyle Leaf		
Moderator	Dominic Valentine		
Inspectors	Kate Wang, Wilson Husin, Jiho Choi		
Recorder	Wilson Husin		
Defect Number	Description	Severity	How Corrected
1	Landing page is dashboard instead of login page.	1	Fix routing in start.js
2	SQL injection is possible through the message bar.	1	Added a predefined JS method to remove a majority of threats

Product	Dashboard Page Inspection
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Date	02/08/2017		
Author	Jiho Choi		
Moderator	Dominic Valentine		
Inspectors	Kate Wang, Wilson Husin, Kyle Leaf		
Recorder	Kate Wang		
Defect Number	Description	Severity	How Corrected
1	“Add class” button doesn’t prompt popup window for user to input class title.	1	Call promptAddClass method from the dashboard page.
2	“Create Class” button from AddClass popup doesn’t prompt popup window for user to input the new class information.	1	Call promptCreateClass method from the dashboard page.
3	Dashboard page is not properly loading classes information of the user.	2	Fixed incorrect function mapping and id calls.
4	When “Logout” button is clicked, the dashboard page doesn’t redirect to login page.	2	Fixed functionality of logout to support page redirection.

Product	Class Page Inspection		
Date	02/08/2017		
Author	Dominic Valentine		
Moderator	Jiho Choi		
Inspectors	Kate Wang, Wilson Husin, Kyle Leaf		
Recorder	Wilson Husin		
Defect Number	Description	Severity	How Corrected
1	Messages are not sending properly within classmates.	1	Connect Socket.IO with the class page.

2	When “See All Classmates” button is clicked, the panel wouldn’t resize as the row of classmates table increases.	3	Fix jQuery code to correctly resize the panel that is containing the classmate information.
3	When clicking either “View More Events” or “View All Subgroups,” the page is scrolled to the top instead of expanding the block’s field and adding elements.	2	Fix jQuery code to correctly resize the panel and fill additional cells with the correct information.
4	When “Logout” button is clicked, the page doesn’t redirect to login page.	2	Fixed functionality of logout to support page redirection.

Product	Events Page Inspection		
Date	02/10/2017		
Author	Dominic Valentine		
Moderator	Jiho Choi		
Inspectors	Kate Wang, Wilson Husin, Kyle Leaf		
Recorder	Wilson Husin		
Defect Number	Description	Severity	How Corrected
1	RSVP for Event is not correctly adding the user to the list of Attendees.	2	Connect Socket.IO with the events page.
2	Remove My RSVP is not correctly adding the user to the list of Attendees.	2	Connect Socket.IO with the events page.
3	When clicking either “See All Attendees” or “View All Subgroups,” the page is scrolled to the top instead of expanding the block’s field and adding elements.	2	Fix jQuery code to correctly resize the panel and fill additional cells with the correct information.
4	Subgroups block is incorrectly formatted on page when Event block is a certain size.	3	Reorganize block structure and formatting in HTML.

5	When “Logout” button is clicked, the page doesn’t redirect to login page.	2	Fixed functionality of logout to support page redirection.
6	The design of information under the Additional Info is formatting incorrectly.	3	Restructure the HTML <code>&lt;p&gt;&lt;/p&gt;</code> tags to facilitate the correct look.

Product	LogIn Page Inspection		
Date	02/04/2017		
Author	Wilson Husin		
Defect Number	Description	Severity	How Corrected
1	Clicking Login through Google does not redirect to Dashboard	1	Corrected the web page mappings
2	Clicking Login through Facebook does not redirect to Dashboard	3	Corrected the web page mappings

## Unit Testing Defects

Product	Post A Message In A Chat Unit Test		
Date	02/01/2017		
Author	Kate Wang		
Defect Number	Description	Severity	How Corrected
1	Posting “This is a really long post about nothing in particular, and I’m not even sure if I spelled in particular correctly or not. I am going to make this post 201 characters long including spaces. This is it.” can be saved and passed to database without any alert to user.	2	An alert feature for the user to be informed that a post can only save up to 200 characters.
2	A post with “ ” can be sent to database.	3	An alert to the user that emoji characters are not supported by our application.

3	A post with “안녕하세요” (different language other than English) can be sent to database.	3	An alert that characters other than English are not supported by our application.
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Product	Create A Class Unit Test		
Date	02/03/2017		
Author	Dominic Valentine		
Defect Number	Description	Severity	How Corrected
1	Entering a class name of “CS” (less than 5 characters) is acceptable.	2	Do not allow user to submit the class for creation and add a warning next to the name box saying “Class names must be at least <b>5 Characters</b> long.”
2	A class description with “” (blank space) can be saved without any alert.	3	Do not allow user to submit the class for creation and add a warning next to the description box saying “Class descriptions may not be left blank.”

Product	Checking Classmates In The Class Unit Test		
Date	02/08/2017		
Author	Kyle Leaf		
Defect Number	Description	Severity	How Corrected
1	Classmate's name entry doesn't retrieve data from database.	2	Connected database with class page so that the class page can retrieve classmate name data from database.

Product	Add An Event Unit Test		
Date	02/03/2017		

Author	Jiho Choi		
Defect Number	Description	Severity	How Corrected
1	Unexpected exception when the title of event has input of string with more than 50 characters such as "HelloHello HelloHello HelloHello HelloHello HelloHello".	3	Add handler to alert user not to put more than 50 characters as a title of the event.
2	An event title with space can be saved without any alert.	3	Add handler to alert user to enter event title.
3	Unexpected exception when user didn't input the date information for the event.	1	Add alert feature so that the user can enter all the information before turn in.
4	The event list of the class page doesn't update when user add the event in add event popup.	2	Refresh the event list of class page after user create a new event.
5	Entering an Event Name of "two" (less than 5 characters) is allowed.	1	Do not allow user to submit the event for creation and add a warning next to the name box saying "Event names must be at least <b>5 Characters</b> long."
6	Entering "25:00" in the Time box is allowed.	2	Do not allow user to submit the event for creation and display a warning box stating "Incorrect Time: Valid Time must be entered."

Product	RSVP Events Unit Test		
Date	02/05/2017		
Author	Wilson Husin		
Defect Number	Description	Severity	How Corrected
1	When "RSVP for Event" button is pressed no data is transferred.	3	A pop-up message saying "RSVP Process not completed."

2	When “Remove my RSVP” button is pressed no data is transferred.	3	A pop-up message saying “You have not been removed from Event.”
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Product	Help Section Unit Test		
Date	02/06/2017		
Author	Kyle Leaf		
Defect Number	Description	Severity	How Corrected
1	When the “Help” button is clicked from dashboard page, help window doesn’t show up.	3	Fixed showHelpWindow function to properly popup the help window.