

Design Inspection Defects Log

Product	Boiler Schedule
Date	3/4/18
Author	Jackie Wu
Moderator	Omar Raza
Inspector	Sanjeet Suhag
Recorder	Hon Wing Eric Chan

Defect#	Description	Severity	How Corrected
1	Defect arises when null or corrupted information is sent from mypurdue module to the google calendar API	1	Driver should check for proper formatting with a standard format across the application
2	Sending a request from the Purdue Auth module to the mypurdue module if password was updated	3	Driver should reuse Purdue Auth whenever session ends, instead of relying on existing data
3	Default login credential do not contain Google Calendar permissions.	1	Customize Google login to with Google Calendar API added in.
4	Browsers automatically request favicon.ico resource.	3	Add a simple icon to the web server.

Code inspection Defect Log

Product	UI Google Calendar and mypurdue LogIn
Date	March 3, 2018
Author	Hon Wing Eric Chan
Moderator	Omar Raza
Inspector	Sanjeet Suhag
Recorder	Jackie Wu

Defect#	Description	Severity	How Corrected
1	Upon the fail of login, the input field should be clear (set to ""). This is unsafe for the login data.	1	Refresh the login page if the username or password is fail to match.

Product	UI Calendar view
Date	March 3, 2018
Author	Hon Wing Eric Chan
Moderator	Omar Raza
Inspector	Sanjeet Suhag
Recorder	Jackie Wu

Defect#	Description	Severity	How Corrected
1	In the calendar interface initial array has size 5. If user add extra activities more than 5 times will cause the addEventList array overflow.	2	Put if statement and count to check how many elements in addEventList already. If it reach the limit, send alert and don't add the new information to the addEventList array.
2	Save an new activities added by user if the activities title is empty will be save to the activities respectively. It will cause a problem when sending the data to google calendar.	2	Add if statement to check the content of event title input. If the content is empty, do not add as a new activity and give a alert to user.

Product	UI boiler Schedule Class List
Date	March 3, 2018
Author	Hon Wing Eric Chan
Moderator	Omar Raza

Inspector	Sanjeet Suhag
Recorder	Jackie Wu

Defect#	Description	Severity	How Corrected
1	<pre>var btn = document.getElementById("class"); btn.onclick = function() { modal.style.display = "block"; }</pre> <p>Only allow 1 button (id = "class") to open a child window for user adding extra information. Other buttons (id = "class") are not able to open a child window.</p>	1	<pre>class0</pre> <p>Add onclick element for each button to call showBlock() function in order to open child windows.</p>
2	No limit to user to enter certain amount of characters. It may cause overflow and crash the program	2	Add maxLength="number of characters" to all input elements to prevent overflow
3	When the classes array length more than the available selection buttons, it will block the display of other event list buttons.	2	Change the range of for loop to get classes information and event information to a fix number equal to the number of input respectively instead of array.length

Unit Testing Log

The system relies on the following modules:

Module	UI Google Calendar and mypurdue LogIn
Date	March 3, 2018
Author	Hon Wing Eric Chan
Moderator	Omar Raza
Inspector	Sanjeet Suhag
Recorder	Jackie Wu

Defect#	Description	Severity	How Corrected
1	No limit of word when entering the username and password in both UI cause the program to crash if the input is huge.	2	Add maxlength = 20 to password and username elements in both UI to stop receiving input after 20 characters.

Product	UI Calendar view unit test
Date	March 3, 2018
Author	Hon Wing Eric Chan
Moderator	Omar Raza
Inspector	Sanjeet Suhag
Recorder	Jackie Wu

Defect#	Description	Severity	How Corrected
1	When change the month to show in the calendar, the calendar view does increase the number of buttons. For example, changing from march (31 days) to february (28 days) calendar view show only 28 days when the	2	Add var lastmonthDays to record the days of last month. If the current month has more days, the program should activate more buttons for selection. If the

	calendar month back to march.		current has less days, the program should not display the extra buttons.
2	Does not clear the input fields after creating the activities has fail.	1	Create function emptyInput() to clear the input after no event title error.

Product	UI boiler Schedule Class List unit test
Date	March 3, 2018
Author	Hon Wing Eric Chan
Moderator	Omar Raza
Inspector	Sanjeet Suhag
Recorder	Jackie Wu

Defect#	Description	Severity	How Corrected
1	The event title or class title is longer than the block size will cause the text to appear out of the clickable button.	1	Create clickable boxes width can shrink or extend with the content length.
2	Displaying empty blocks for user to select in boiler schedule class list.	1	Put if statement to prevent showing empty blocks.
3	The title of the class list semester does not show the current semester of the classes in the list.	1	Put if statement to check which semester is the class semester and set up the text as the semester of the class.