

Inspection Defect Log

Product	Boiler Schedule
Date	2/10/18
Author	Development Team
Moderator	Eric Chan
Inspector	Omar Raza
Recorder	Jackie Wu

Defect#	Description	Severity	How Corrected
1	Google Oauth API needs a redirect URI.	1	Create a local host web server.
2	Successful authentication does not lead to sync webpage.	2	Upon retrieval of authentication token, the sync function is directly called.
3	Refreshing between authentication and sync page leads to loss of authentication token.	3	The user is prompted with a standard alert when attempting to refresh the page.
4	Website is blank and unresponsive when switching context from authentication to sync.	2	Added a loading icon and a cancel button.

Testing Defect Log

Product	Boiler Schedule
Date	2/11/18
Author	Development Team
Moderator	Eric Chan
Inspector	Omar Raza
Recorder	Jackie Wu

Defect#	Description	Severity	How Corrected
1	The sync script fails when the authentication takes longer than the timeout.	1	The timeout for waiting for authentication was increased.
2	The sync script fails when attempting to obtain course data.	1	The timeout was increased for both the home page and the 'Concise Schedule' page.
3	Certain user profile data was inaccessible.	3	The underlying JSON object was properly unwrapped.

Unit Testing Log

The system relies on the following modules:

- Google Authentication
- MyPurdueSync
- Google Calendar

MyPurdueSync

MyPurdueSync module is backend module responsible for encapsulating the data of user's calendar events into a JSON so that the server can process it to be added to Google Calendar.

Module	MyPurdue Sync
Date	2/11/18
Author	Sanjeet Suhag
Moderator	Eric Chan
Inspector	Omar Raza
Recorder	Jackie Wu

Defect#	Description	Severity	How Corrected
1	The default authentication fails if the user's MyPurdue account password is about to	2	An edge case was added to handle the "Update Password"

	expire.		response.
2	Course addition function was accepting invalid date formats without verifying the date is valid & in the future.	1	Date validation was added.
3	Illegal characters and emojis were accepted into the course name.	3	String validation for course name was added.
4	Classes could have unlimited duration.	2	Class duration validation was added.