

Easy Schedule

Project Charter

Eric Chen
Siddharth Patel
Omar Raza
Sanjeet Suhag
Jackie Wu

Problem Statement

Students at Purdue often organize their schedules on popular online calendar services such as Google Calendar. After registering for new courses each semester, students have to manually add each course to the service. We propose a web application that allows students to have seamless integration between their course schedules on myPurdue, and their respective google calendar.

Objectives

- Build a simple and secure web app that allows users to have seamless integration and real time updating of their google calendar
- Allow users to connect their Purdue and Google accounts.
- Have a backend system that handles all additions to google calendar from logging in to both accounts
- Allow users to see fetched courses from the user's MyPurdue account and add any other information that they would want too.
- Convert the registered courses to calendar events, and add the calendar events to Google Calendar.

Stakeholders

- Team 21
- Purdue Students
- Purdue University
- Google

Deliverables

- An interface that allows a user to access the Purdue and Google authentication pages.
- A web service that fetches the user's registered courses from MyPurdue.
- A web service that converts the registered courses to valid calendar events.

- A web service that adds the calendar events to Google Calendar.
- We will be using Node/Express for the back end system, Javascript for most of the methods for parsing and business logic, with bootstrap for the front end