

Project Charter

Team members:

Qifeng Chen, Geyan Zheng, Shunqiao Huang, Xinmeng Sun, Dayu Liu, Juanda He

Problem Statement:

Having an ideal and organized semester schedule is what every student seeks for. However, myPurdue does not provide a friendly environment for students: it cannot track courses status efficiently; it does not allow students to save their ideal schedule before register; there's no environment for students to manage all their academic work in one place. And two-step authentication even makes it more complex. PurdueClass fixes this problem and provides services of searching classes, tracking courses available spots, and saving schedule on IOS devices efficiently. And throughout the semester, it provides the academic schedule for students with the class time and the homework reminder, and it also allows students to edit and manage their own schedule on the app.

Project Objectives:

- Build an iOS app for Purdue students which allows users to lookup courses and manage their schedule efficiently.
- Users can lookup Purdue courses by searching certain semester, major, course name, or professor, without login requests or other complex searching requirements.
- Users will get the information of the course including schedule, number of available spots, class location, credit, professor name, and professors rating score based on website Rate My Professors, etc.
- Users can link their Purdue account and get the daily course schedule, including the homework releasing and due time information.
- Users can create their own events on the schedule.

Stakeholders:

- Project Owners: Qifeng Chen, Geyan Zheng, Shunqiao Huang, Xinmeng Sun, Dayu Liu, Juanda He
- Developers: Qifeng Chen, Geyan Zheng, Shunqiao Huang, Xinmeng Sun, Dayu Liu, Juanda He
- Users: Purdue students
- Project Coordinator (Manager): Aniesh Chawla

Project Deliverables:

- Using Purdue.io to collect course information.
- Using Swift4 to build IOS mobile Application.
- Using Moya and Alamofire to solve internet requests.
- Using Chameleon package to design beautiful User Interface.
- Using MGSwipeTableCell package to design the swift button.
- For database, we may use Amazon AWS RDS database to store the information.