

Project Charter

Problem Statement

Students at Purdue, especially those who are new on campus, can often find themselves confused when it comes to class schedules, course assignment dates, campus locations, and more. Our team will create a mobile software application that will allow students to keep track of all of those things in a clean and fast manner.

Although the Purdue app on both Android and iOS devices seeks to accomplish these things it is flawed in many ways and does not offer the advanced features that our app will provide.

Project Objectives

- Help students become more organized by displaying their course schedule with a chance to synchronize their schedules with other students.
- Aid students who need help locating classes by providing a campus map with the ability to track the time it would take to go from their current location to any building as well using the user's default maps application.
- Synchronize the user's schedule with his/her calendar for easy class reminders.

Stakeholders

- Customers/Users: Students at Purdue University's campus, particularly freshmen
- Developers: Brandon Nice, Kenneth Tam, Milia Enane, Jake Losin, Michael Rollberg
- Developer Managers: Our Project TA (TBA)

Deliverables

- Backend C# code that will store the user's schedule, interests, and course assignments. This will be completed using Xamarin for cross platform on iOS, Android and Windows Phone.
- Backend system along with a calendar GUI to share and synchronize schedules with a friend to find mutual free time.
- Database containing the list of all classes at Purdue, to help the user find a class that interests him/her.
- Frontend system that will nicely lay out the user's schedule, and that will also highlight the buildings on the Purdue map where the user has class each day.