GraduatR

Project Charter - Team 10
19th January, 2018

Team members: Swaraj Bhaduri, Harika Lingareddy, Simona Virga, Dhriti Chawla
Project Coordinator: Jonathan Grider

Problem Statement:
Life as a college student can be challenging. New students need time to adapt to the, often confusing, credit(s) system while continuing students repeatedly require assistance in the process of selecting courses and buying/selling books. *GraduatR* guides each student by providing them with a personalized profile, access to an elaborate rating system, a marketplace for book exchange, and a social media outlet for communication with other students. *GraduatR* is different from similar prevalent systems as it takes a more social, peer-based and integrated approach towards the different facets of life at Purdue.

Project Objectives:
- Create personalized profiles for each student with a list of courses he/she will be taking and have taken
- Create an elaborate rating and review system for courses and professors for each course they teach
- Develop a marketplace to contact other students to buy/sell books
- Provide a platform for communication between students
- Generate statistics and visual representations of the statistics for the courses (grades received, exam difficulty, etc.)

Stakeholders:
- **Users:** Any Purdue student looking for reviews of classes, professor ratings, a platform to buy and sell books, and get assistance with any class.
- **Developers:** Swaraj Bhaduri, Harika Lingareddy, Simona Virga, Dhriti Chawla
- **Project Manager:** Simona Virga
- **Project Owner:** Swaraj Bhaduri, Harika Lingareddy, Simona Virga, Dhriti Chawla

Deliverables:
- An Android mobile application acting as a center for all
- A user account system using available Google/Facebook API
- A Firebase/SQL database to store user profiles, ratings and other user data
- Social media outlet to serve as a marketplace and a medium of communication between students
- Develop an R based backend to provide the statistics and data visualization elements