

# CS307

## TEAM 19: Project Charter

### Team members:

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### Problem Statement:

A lot of students have either procrastinated or been lazy on multiple occasions. Sometimes, they can even be too busy to complete a task. There exist apps to fight some of these issues, such as GrubHub food delivery but sometimes, for example, students want to buy a book from the University Bookstore or need a Starbucks drink delivered to them. In situations like these, where we are alleviating more than just hunger, we need a simple way to complete a variety of such tasks that no existing app offers.

### Project Objectives:

- Develop a mobile app for people to post tasks they need completed as well as an amount they are willing to pay for it.
- Other app users get notified when a new request is uploaded and can choose to accept it and carry out the request.
- Users will create profiles and add a payment option as well.
- Users can select preferred categories of tasks they are willing to accept.
- Verification of task completion by both the user who requested the task as well as the user carrying out the task.
- Users will rate each other at the end of transactions for us to keep a track of users.

**Stakeholders:**

- Project Owners: Aman Wali, Kartik Mittal, Sehaj Randhawa, Shiv Paul
- Developers: Aman Wali, Kartik Mittal, Sehaj Randhawa, Shiv Paul
- Project Coordinator: Mohammad Haseeb
- Users: Most users will be students who need a task completed and are unable to complete it themselves.

**Deliverables:**

- A React Native application with an intricate yet structured, user-friendly interface wrapped together with React navigation libraries.
- A firebase authentication and database system that will allow users to log in or sign-up and store data related to each user which will be used to complete various services within the app.
- Notifications for when a new request within a preferred category is added so a user can accept the task.
- Updates about the progress of your task.
- QR code verification to confirm the task has been completed.