

## Team and project selection form, COMPSCI 4ZP6

**Please fill out, and submit by Sep 19, on Avenue, in PDF only.**

Team members (minimum is 5, maximum is 7):

Full name (as seen on Avenue)	McMaster Email address	Student Number

**Project information:**

Project title	
Supervisor name	
Supervisor email	
Link to GitHub repo (make sure the instructor and TAs are added as collaborators)	

**Project description (~100 to ~200 words, please stay within this page, use font size 10):**

We are planning on making a bill splitting app with basic transaction tracking history functionality, as well as optical receipt recognition, and voice recognition.

Core features:

The user will be able to create transactions either manually, through taking a picture of a receipt, or using their microphone and listing the items. The user can then manually split the bill through the UI, or by using their microphone and describing who got which items. After this, the user will be able to view and confirm each persons receipts. The app will then have some method of either allowing the other people to pay the user directly on their phone, or it will send some form of reminder/e-transfer notification to other people.

Future plans:

Depending on the complexity of getting the core features to work, we plan on expanding the app to help allow a better experience for going out to eat. This can include features like being able to pre-create a group for a specific outing and searching for restaurants based on the group's dietary restrictions, some form of recommendation of restaurants, or payment reminders.