**Mission / Goal of Project:**

To provide information of free food events on CU campus as many students as possible.

**Vision:**

You walk out of class, you’re hungry and broke. You bring up the Free Food App and immediately see 3 pins drop on the map. You see free pizza at the math club in 30 minutes. You start walking to the math building knowing your hunger will soon be alleviated without costing you a dime. The math club is excited to meet a new potential club member. CU is happy because student involvement is correlated with student retention.

**App functionality:**

Initially built with Android so that beta can be rolled out. Data automatically downloads from Firebase to the app. The map drops pins according to location. Each pin brings up expanded view with information about what the event is. The free food events can also be viewed in a list format and can be added to as people share new events they discover. There may be a profile page to schedule event attendance with push notifications as a reminder.

**Additional functionality:**

All student groups are subscribed to by a email which automatically syncs with a Python script to one’s computer. The body of the emails is extracted and keywords such as “free food” or “refreshments provided” are flagged. Location and time information is extracted and uploaded to a Firebase data structure. Person in the loop will review and manually modify code to find difficult to find keywords.

**Operations / growth:**

Sustainable CU grants will provide up to $2,500 in funding if we can demonstrate the app contributes to a sustainable campus (lower food waste, more student involvement). This money cannot pay students but could pay for development and advertising costs. Deadline is mid-April.

Advertising can be obtained on the app from food providers like Half Fast Subs, who will be interested in a captive audience of hungry students.