Group Formation and Project Selection From

CSE 155: Introduction to Human-Computer Interaction

Spring 2023 • Ahmed Sabbir Arif

Lab Section: 03L Wednesday 1:30-4:20pm

A group must have three to five members from the same lab section

Group Member 1	Name: Johnny Ly	Student ID: 100339425
Group Member 2	Name: Frank Olotu	Student ID: 100293212
Group Member 3	Name: Gabriel Navata	Student ID: 100281614
Group Member 4	Name: Austin Myhre	Student ID: 100323949
Group Member 5	Name:	Student ID:

Project Name

Pick a representative name for your project

FlyerScan

Project Description

Describe your project in 500 characters

To help students track on campus events, our app is an image scanner that scans event flyers and is able to extract event details into a personal calendar. Using image recognition and machine learning, the app will be set up to look for parameters pertaining to a calendar event on physical flyers and extract that data and import it to the user's personal calendar app. The user is able to confirm and edit any necessary changes using the app's speech detection as well as keyboard text input.

Project Checklist

The project must satisfy the following criteria.

☐ Accounts for users' needs and requirements
☐ Requires software development
☐ Uses a machine learning or recognition component
☐ Builds interaction techniques

Mo (Must have): Requirements that are very critical for your customers, without which the product cannot launch

A. Must be able to scan a flier and determine its a flier
B. Must be able to pull date, time, location, event from the flier
C. Must be able to generate calendar file from the information pulled from the flier
D. Review screen with final event information and option for manual correction with keyboard
E. History of past scan
- Keeping two folders: the first folder will contain the original icalendar files written from any scan. The second folder will contain the correct icalendar file after going through the user editing process.

S (Should have): Requirements that are the most desirable to the customer, once they start utilizing the application

A. Edit with voice command
B. Share event information with friends

Co (Could have): Requirements that are nice to have, but their absence will not impact upon the desired functionality of the application

A. Reminder function for 2 days in advance before event
B. An ml aspect to learn from the mistakes made in past scans \

W (Won't have): Requirements that customers may not notice if they are not there

A. Will not work on things that don’t contain information pertaining to events