



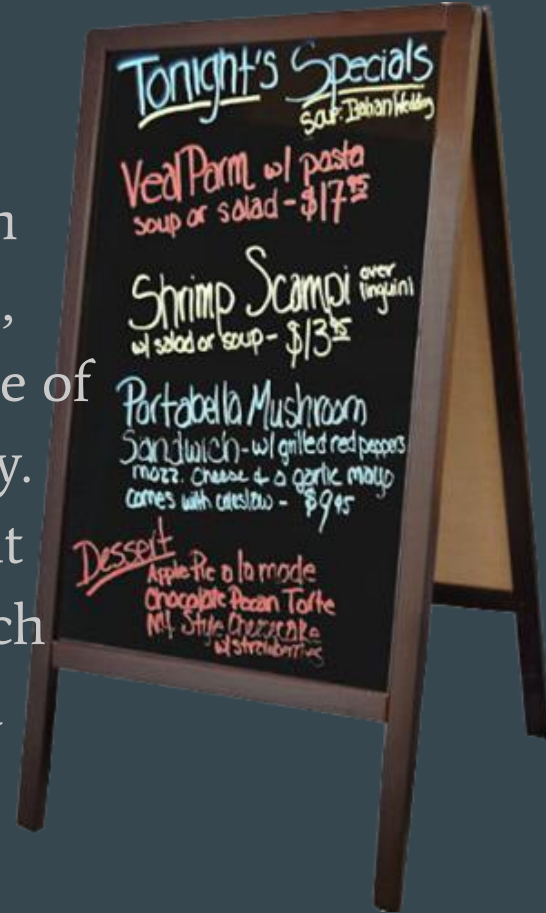
PromoPass



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Problem Definition

Businesses need an efficient way to share information with their customers. Currently, businesses use flyers, billboards, and sandwich boards on sidewalks outside of their establishments in order to advertise to passersby. Use of the app *PromoPass* will allow businesses to cut down on costs of advertising and make sure they reach more customers than ever before. *PromoPass* offers a convenient way for customers to receive and store promotional information all in one place.



Scope of System

Stage 1:

Providers create Ads
Consumers view Ads



Stage 2:

Consumers manage
preferences
Providers manage the
Ads



Stage 3:

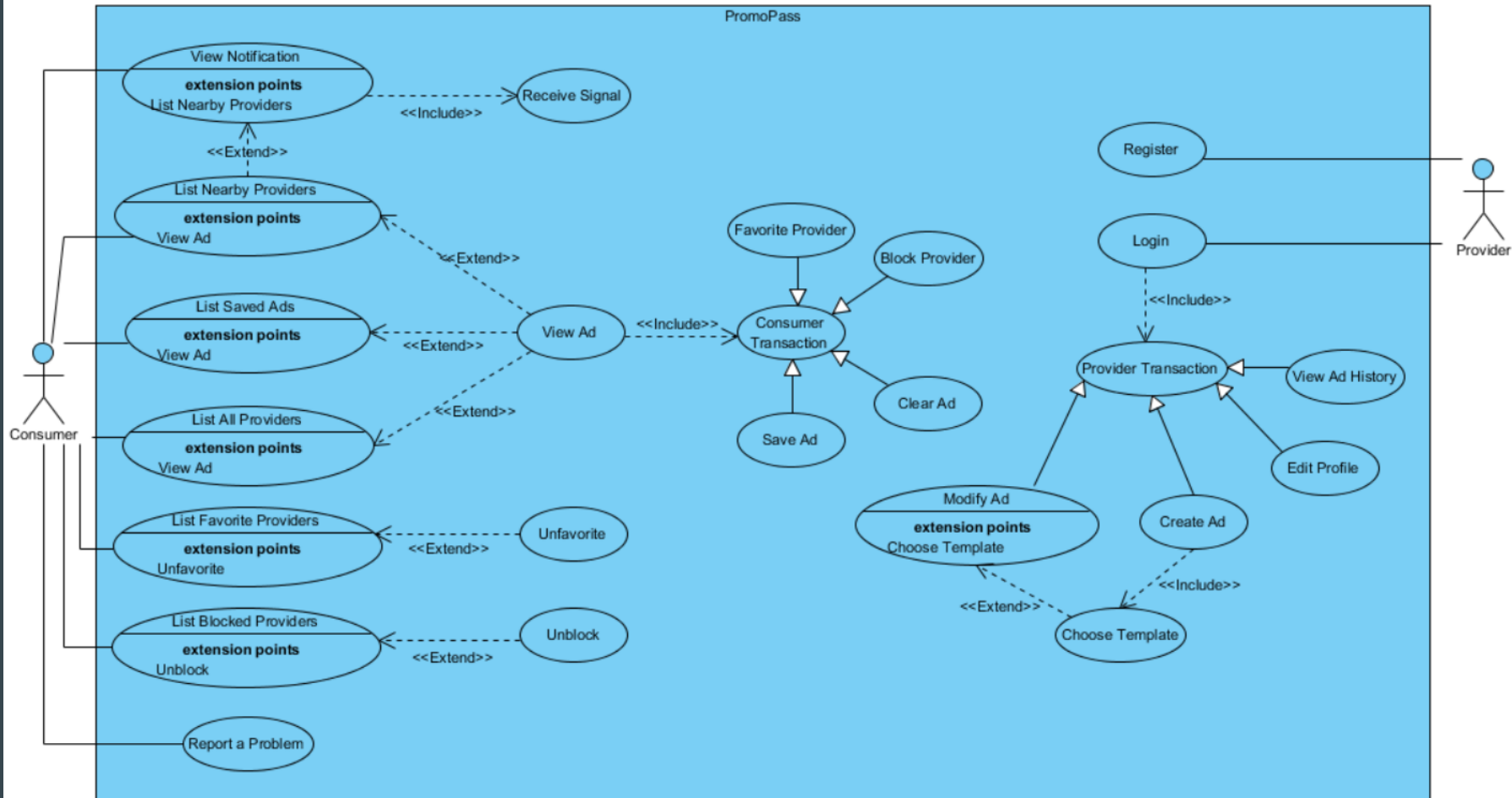
List all providers
regardless of location
Ad History

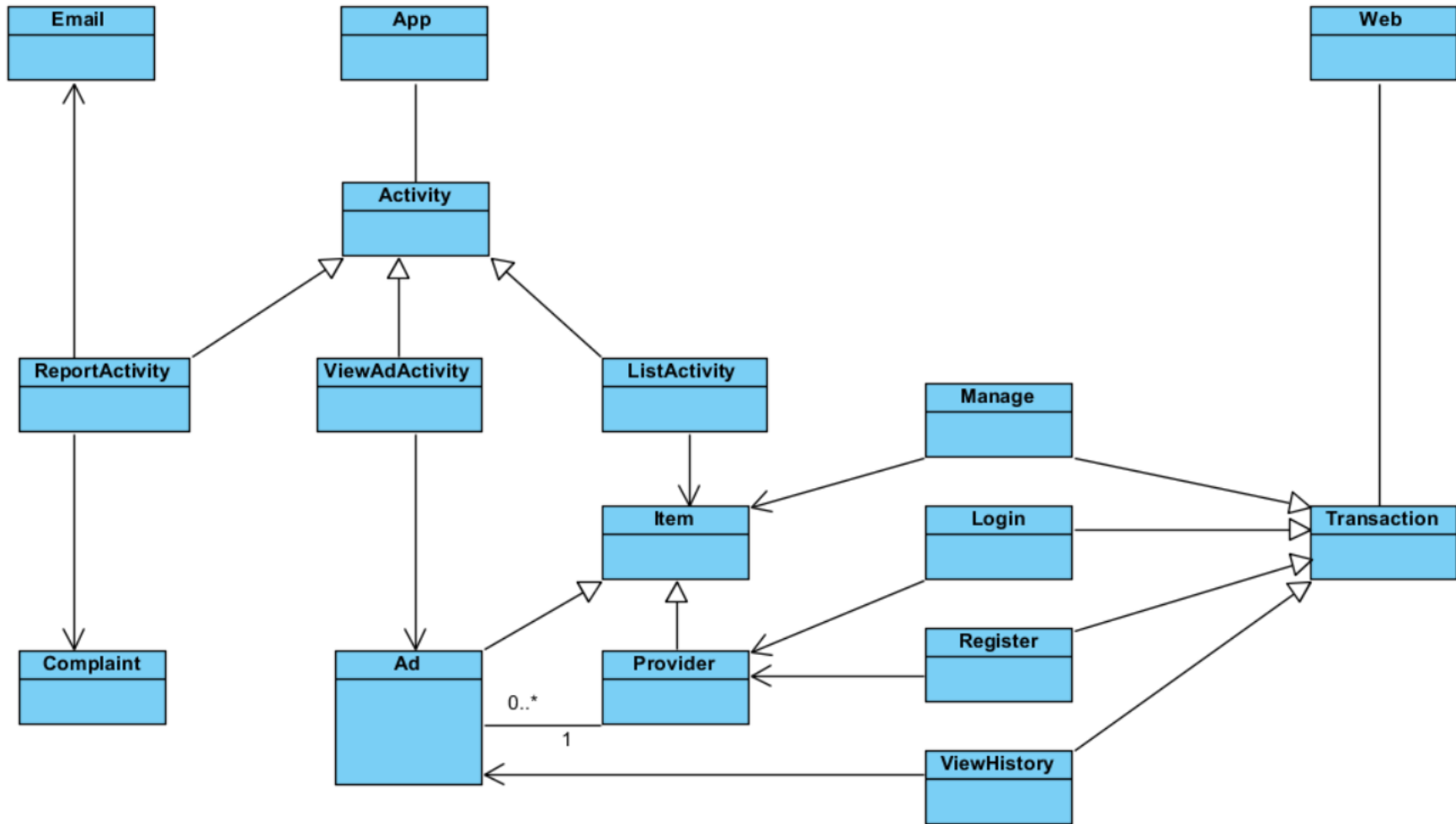
Stage 4:

Profit Tracking
Multiple gimbal devices
per Provider account
Consumer portability

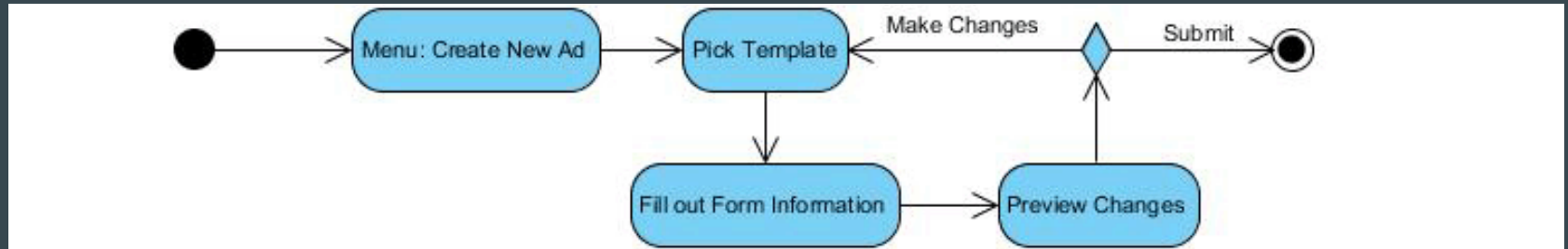


End Goal: To have proof of concept for our users, were we will definitely get stage 1 and 2 finished and will attempt stage 3 if there is time. Stage 4 doesn't logically seem to be in the scope of our time frame.

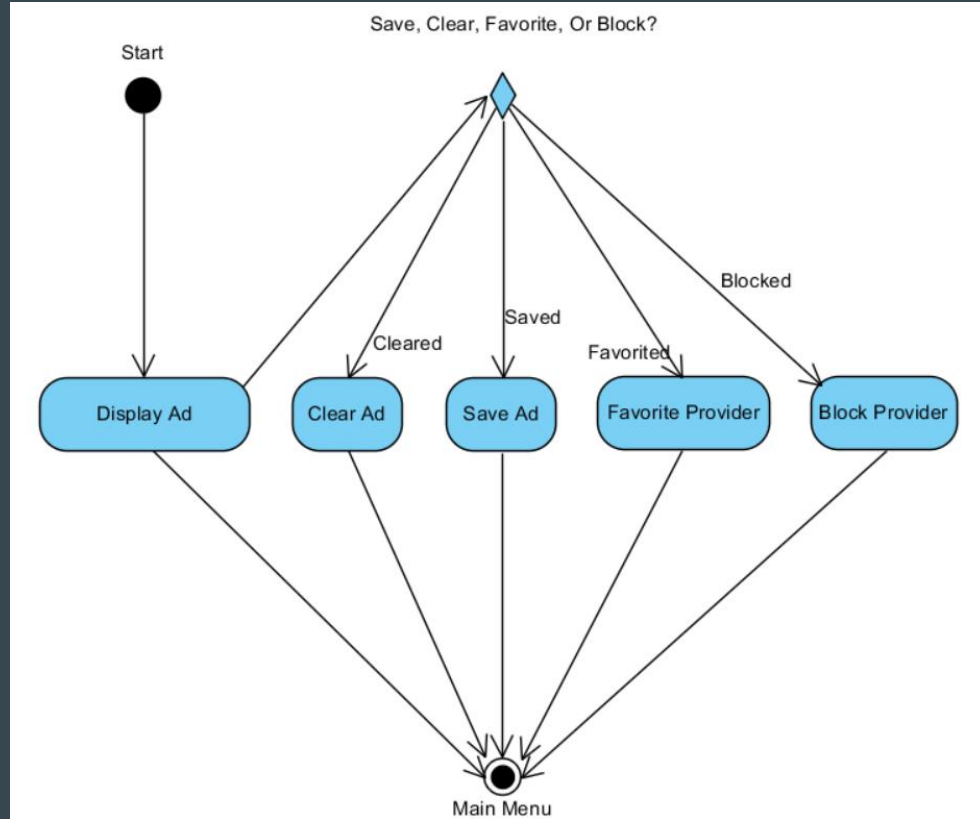




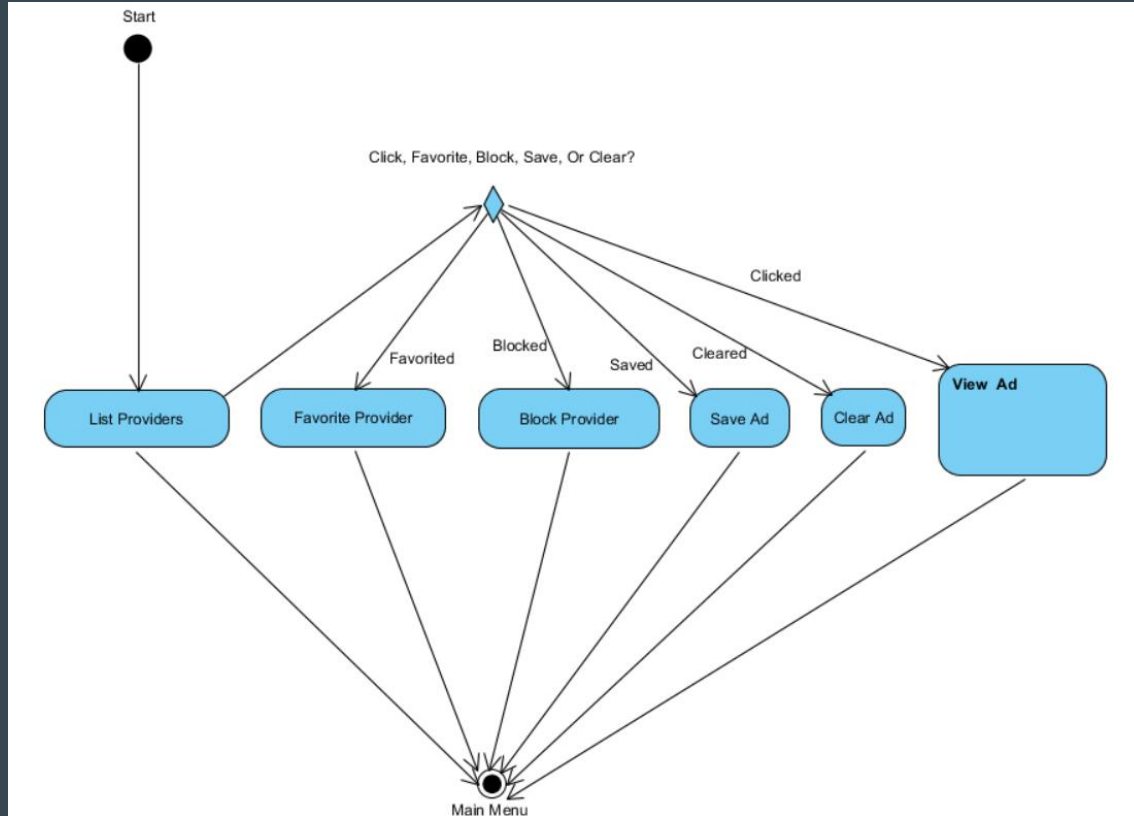
Create Ad



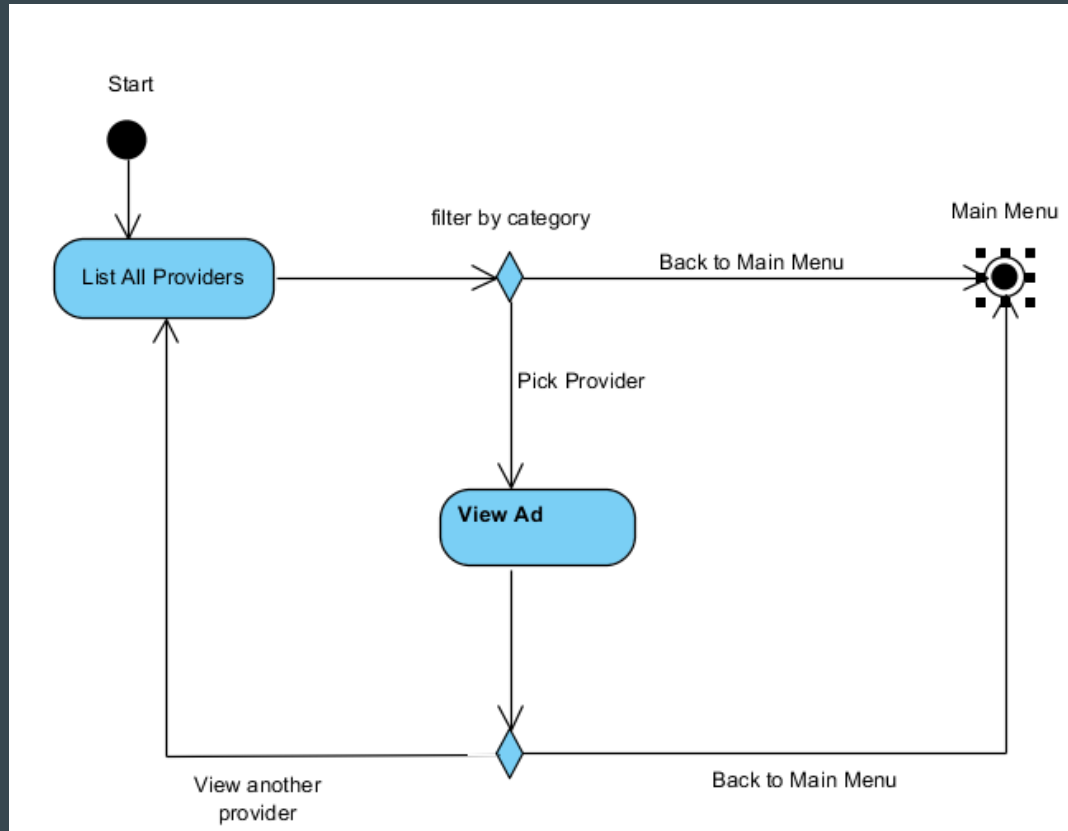
View Ad



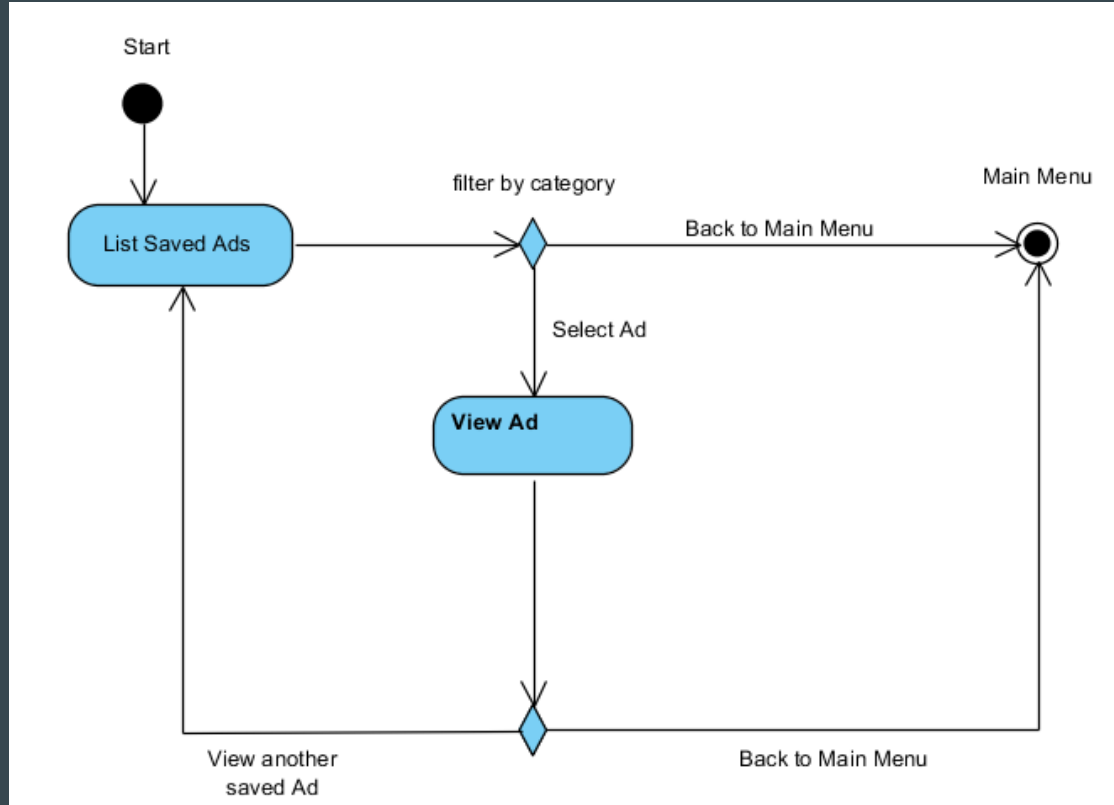
List Nearby Providers



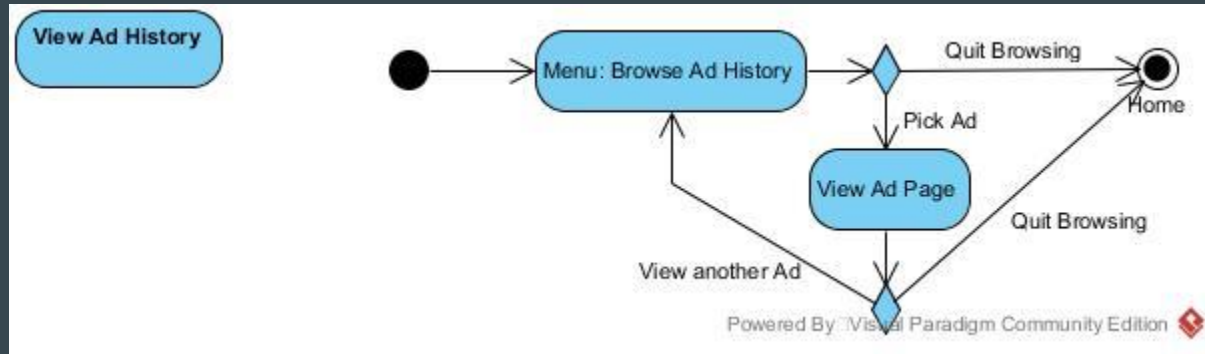
List All Providers



List Saved Ads



View Ad History



Features

Required

1. Web-side provider interface
2. Show consumers a list of nearby provider ads
3. View Ads
4. Clear Ads

Possible

1. Save Ads
2. Favorite Providers
3. Block Providers
4. Report Problems

Future Work

1. Ad templates for providers
2. Consumers can log in and register
3. Ad History for Providers
4. Profits tracking for providers
5. Enabling multiple Gimbal devices for

Potential Risks

Understanding and manipulating the Gimbal API

Android Studio environment

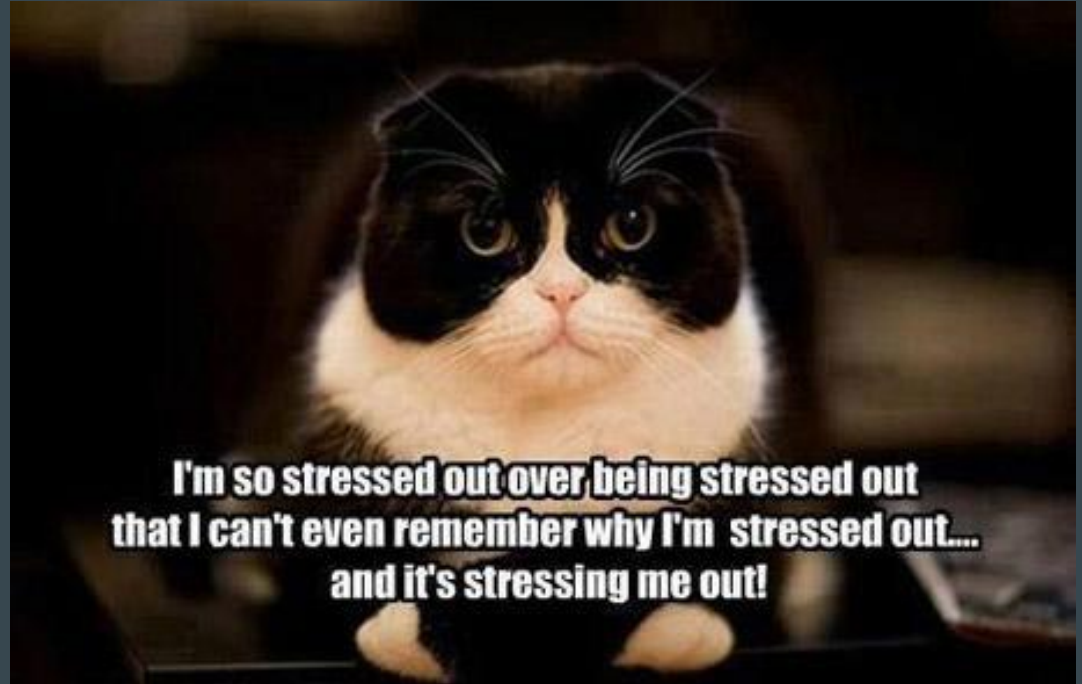
Technical problems

Learning curve

Not enough time to devote due to other classes and work

Potential Risks

Mid-semester crisis (i.e.
We lose sanity, drop
out of college, and
move to Africa to
teach kids how to
program...)



Discussion of Project (Team Members' Perspective)

