ENSE 405
Project Check-In

Community of
Meal Planners Forums
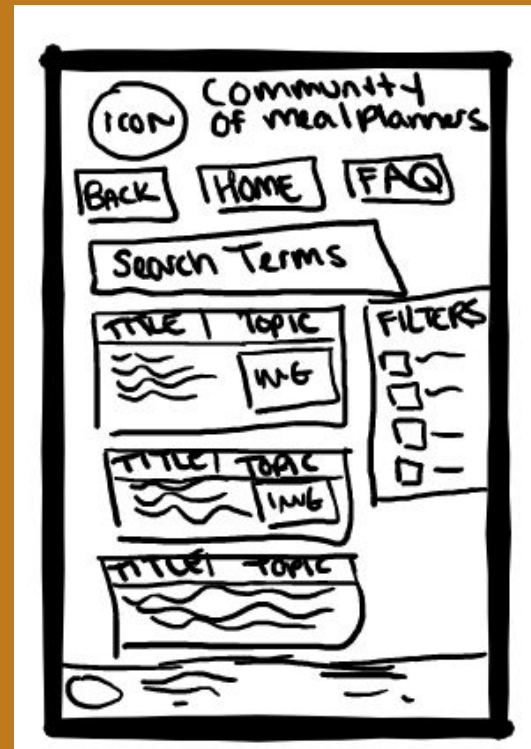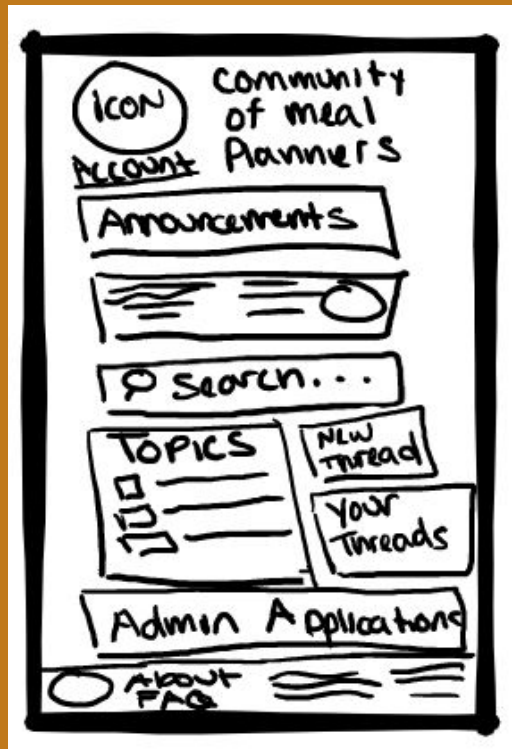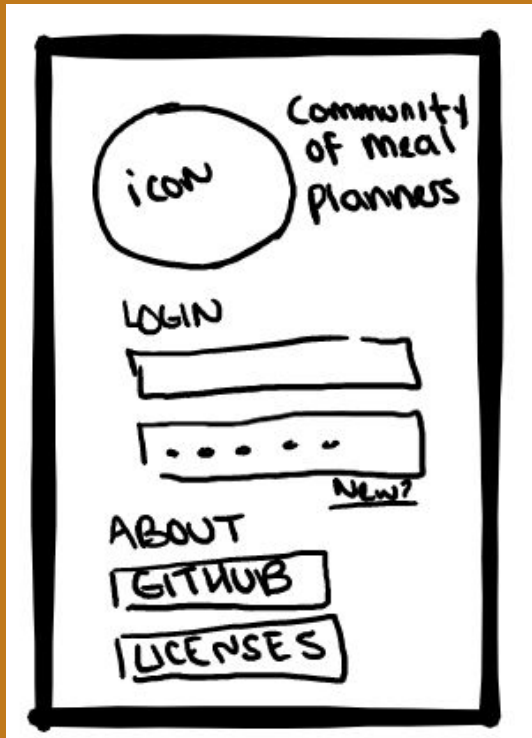
Software Design
Kelly Holtzman
February 22, 2021

Lo-Fi GUI Prototypes

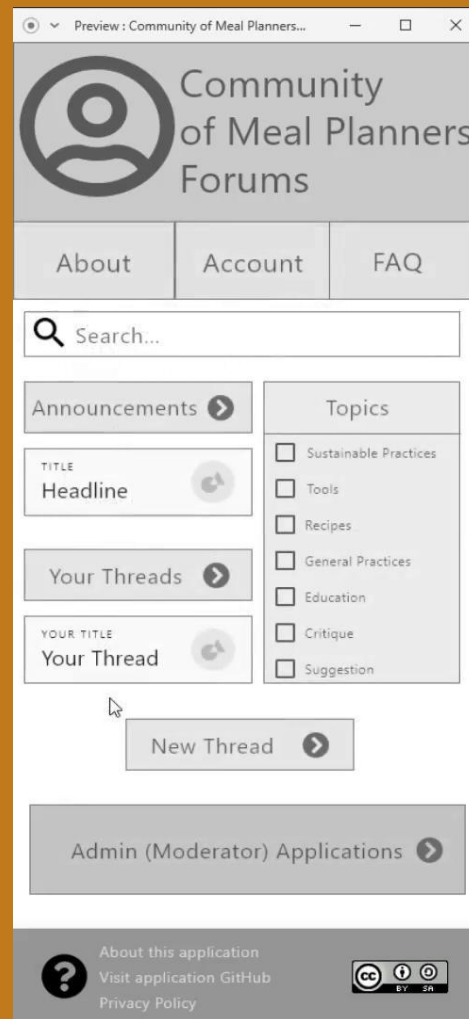*Made using Microsoft Whiteboard*

Mid-Fi GUI Prototype

Made using Adobe XD

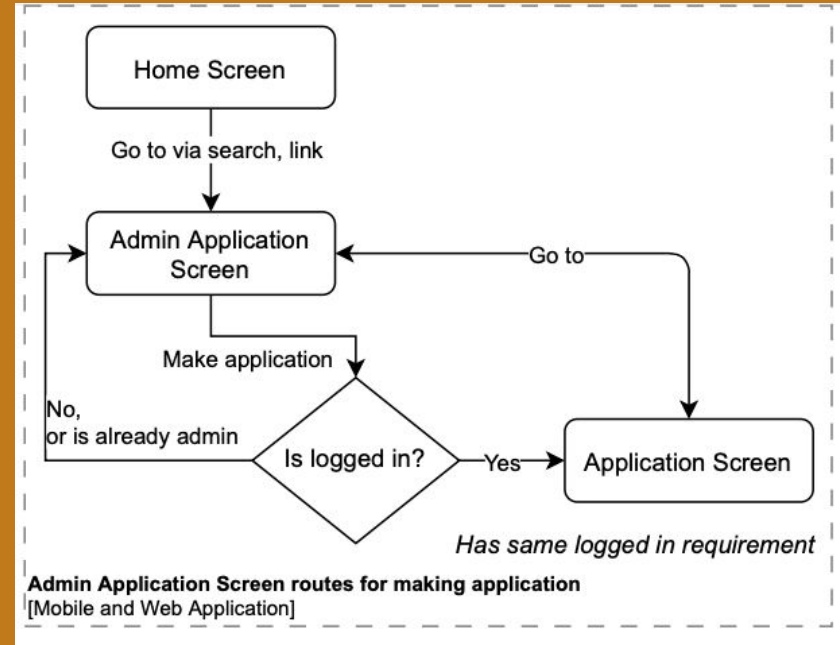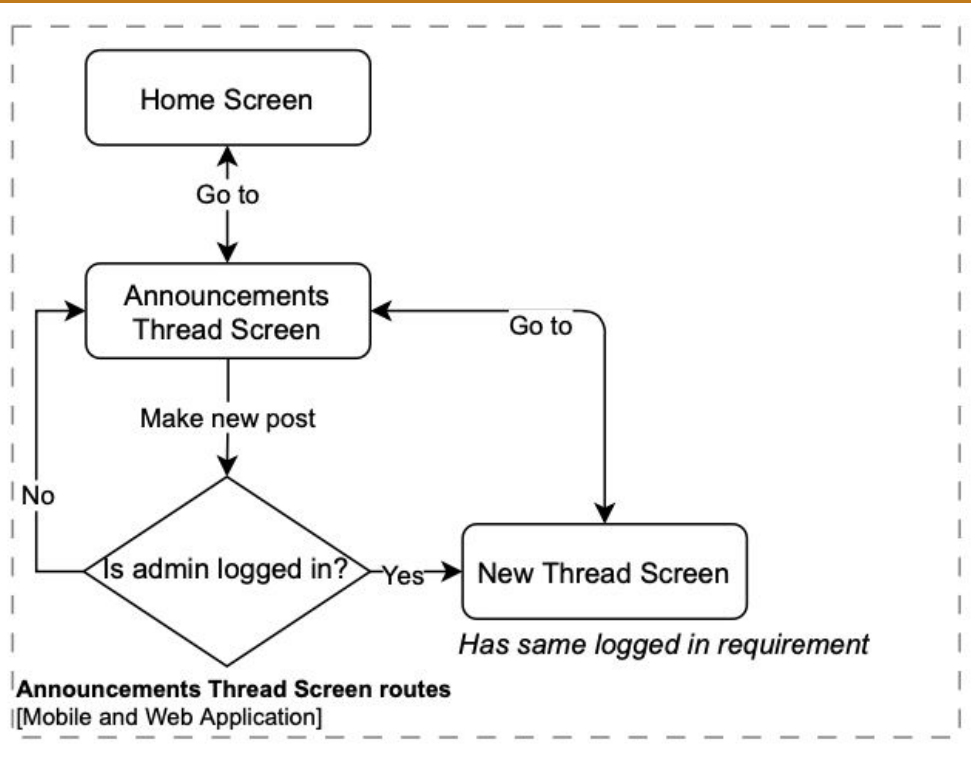**Versions available on GitHub:**

❑ **PDF of all screens,**

❑ **This video recording,**

❑ **Link to Adobe XD Prototype**

(to try on your own, give feedback)

Application Workflow Diagrams

All following drawings made using draw.io

Home Screen

Go to

Announcements Thread Screen

Go to

Make new post

No

Is admin logged in? — Yes — New Thread Screen

Has same logged in requirement

Announcements Thread Screen routes
[Mobile and Web Application]

Home Screen

Go to via search, link

Admin Application Screen

Go to

Make application

No, or is already admin

Is logged in? — Yes — Application Screen

Has same logged in requirement

Admin Application Screen routes for making application
[Mobile and Web Application]

Client/Server/Database Architecture

Database Conceptual Data Models

<<collection>>
Account

username <<PK>>
name
titles
aboutMeSection
isAdmin
joinDate
threads <<FK>>

Creates

0..n   0..n

<<collection>>
Threads

threadID <<PK>>
title
topics
subTopics
owner <<FK>>
startDate
completeDate
isComplete
completionPostID
isReplyable

<<collection>>
Posts

postID <<PK>>
author <<FK>>
message
postDate
images

<<embedded>>

Database Conceptual Data Models

Identifies database structure and data for the forum application
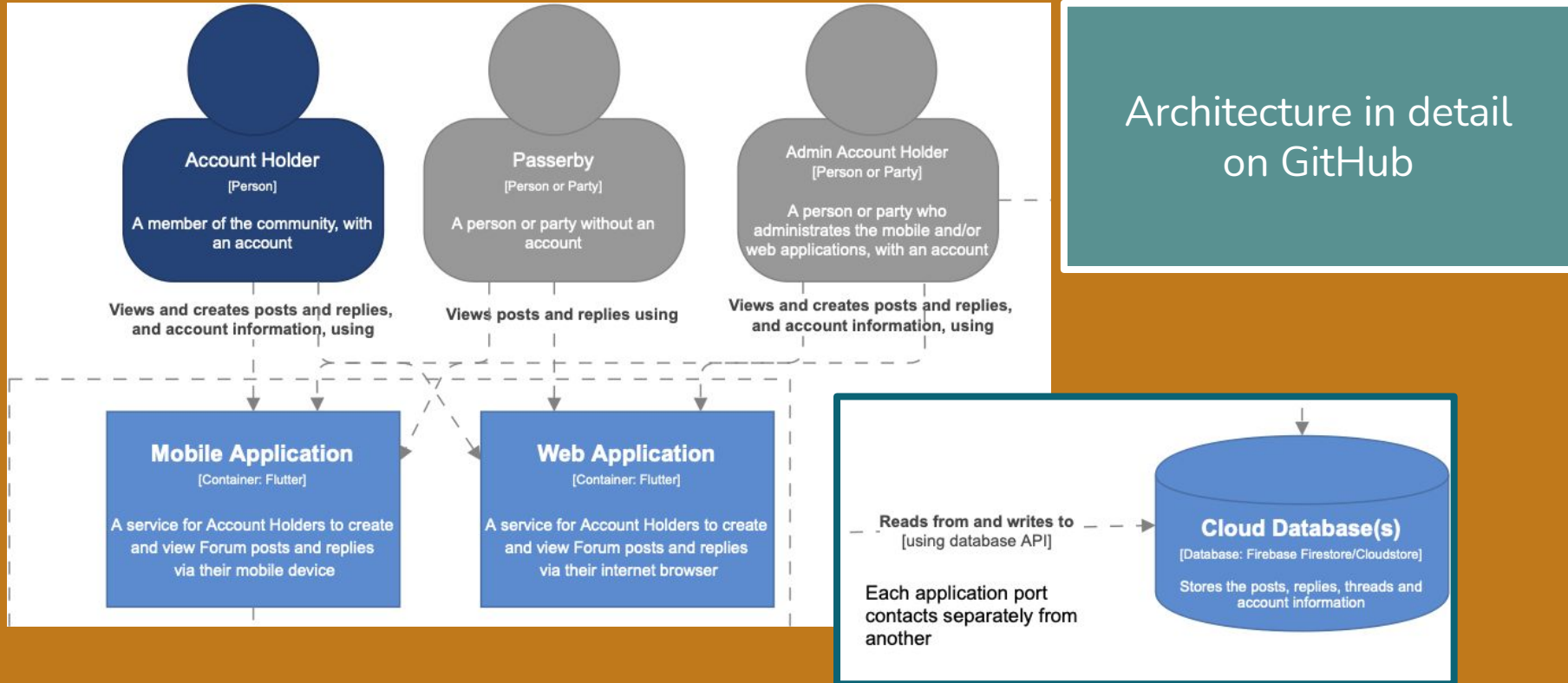
Last Modified: February 20, 2021

Using NoSQL Database Cloud Firestore

Questions? Suggestions?

Up next: structuring the database in Sprint 1 for accounts, threads, and posts