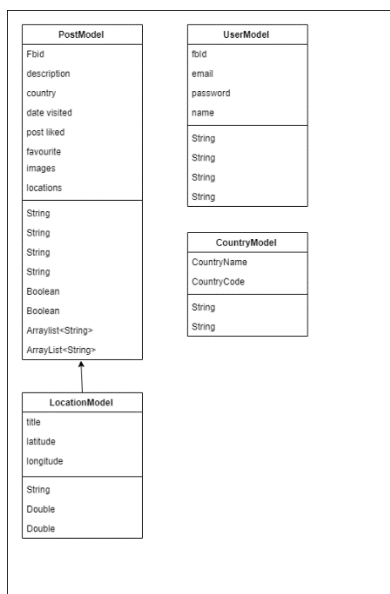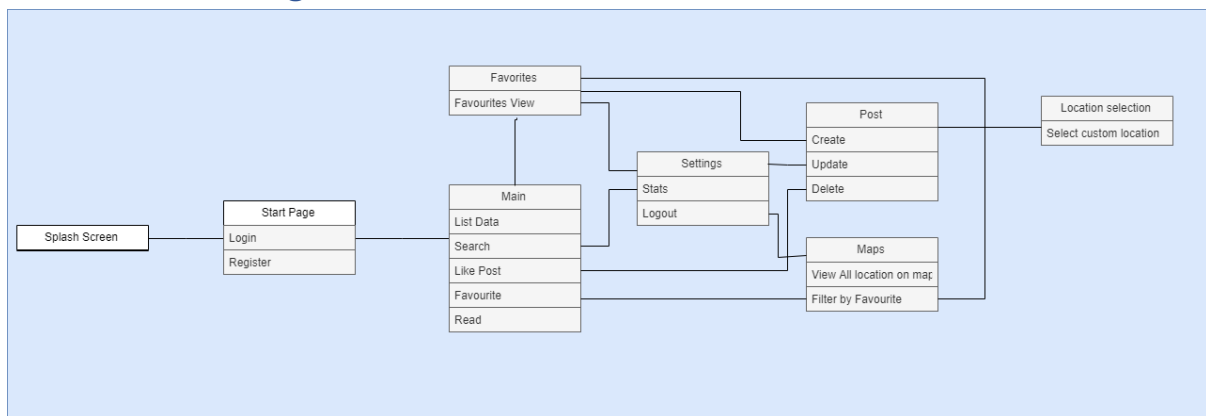# Discussion of all functionality, including, if any, 3rd party and/or Google APIs used.

- Add posts
- Firebase ML kit to allow find landmarks from the image and get name and GPS location.
- Add multiple images to post
- Description to post
- Stats
- Favourites page
- Home Page listing all posts
- Map showing the location of where the landmarks are.
- Login/ Register page
- Firebase UI to login and register
- Logout
- Swipe Support

UML & Class Diagrams.

UX / DX Approach Adopted

The UX/DX approach that is that I wanted to make it as simple to upload as possible. This can be achieved by uploading an image and let the app do the processing. I have a calendar view instead of entering in the date. The pager allows to simply move from fragment to fragment very easily. Never have to leave the main part of the app to add a new post.

Git approach adopted and link to git project / access, if any

https://github.com/michealdunne14/LocationMarker

Develop branch approach adopted

Personal Statement

The project will allow you to upload your images and the app will automatically find this location and be able to show you where this is without having to input the location yourself. The user can then view all posts on a map and filter by favourites.

References

https://tutors-design.netlify.app/course/ddrohan.netlify.app