Product Design Specification

Team name: Two Seniors
Team members:
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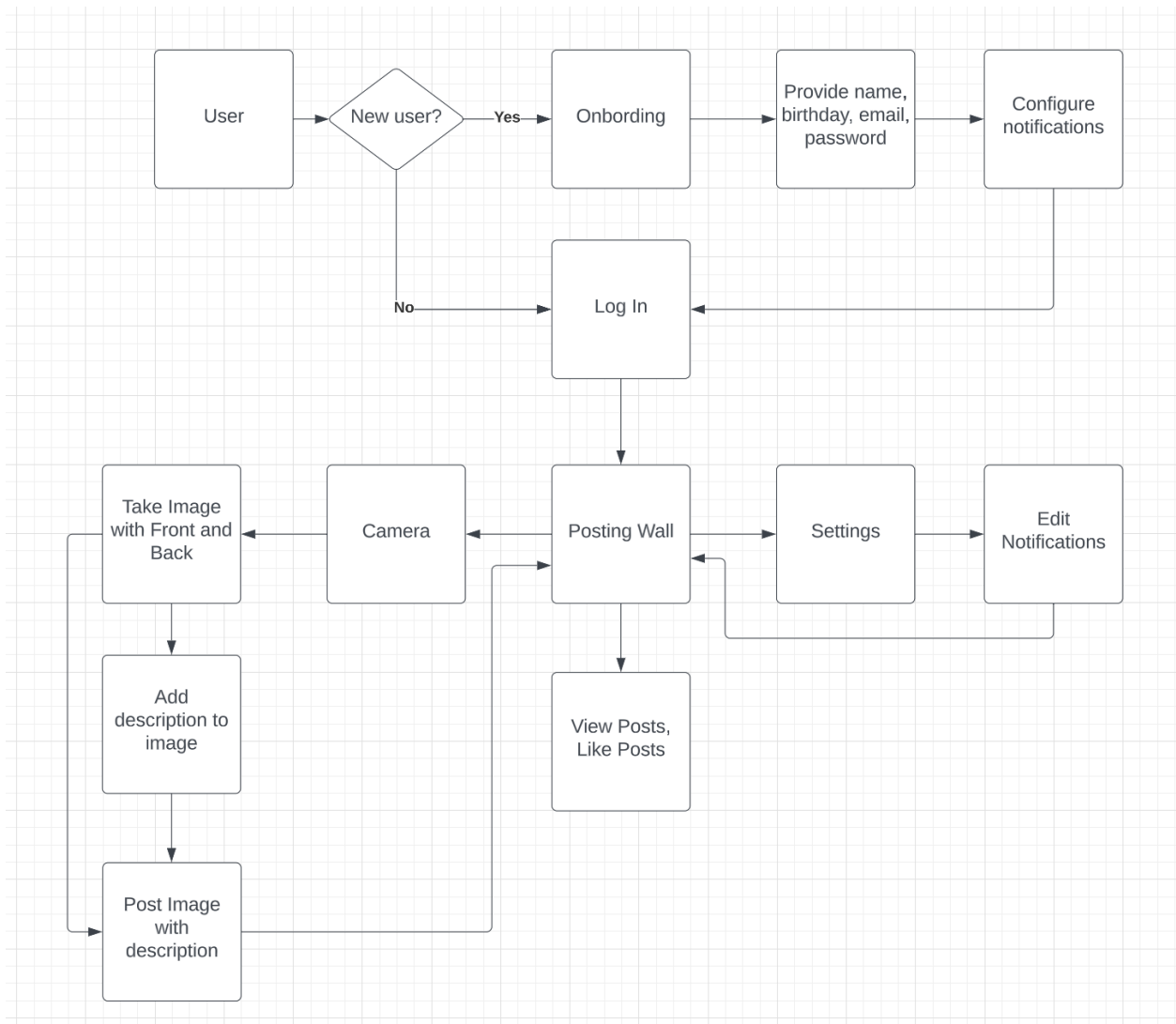
Project title: FoodReal

Application Description

- Market Space
    - Social media
    - Food blogging
- Features
    - Creating a user account
    - Using front and back cameras to capture images
    - Posting images publicly
    - Able to see images posted by other users
    - Getting a notification to post
- Functional Specifications
    - Onboarding
        - Users will be taken through a series of screens to instruct them on signing up for FoodReal.
    - Camera feature
        - User is able to capture images with front and back cameras with one click
        - User is able to switch between the front and back cameras
    - Posting
        - User will be able to add a description to their pictures and press "send" button to post in on the public wall
        - User will be able to view their own post and others' posts on the public wall
    - Notification
        - User will be able to add a description to their pictures and press "send" button to post in on the public wall
            - Set 3 times for 3 notifications per day:
                - Breakfast
                - Lunch
                - Dinner
- Testing Plan for Each Feature
    - Onboarding:
        - User testing
        - Manual testing

- Database unit testing
- Camera feature
  - User testing
  - Manual testing
- Posting
  - User testing
  - Manual testing
  - Database unit testing
- Notification
  - User testing
  - Manual testing
  - Database unit testing

UML Feature Description

Features to be accomplished during milestones

Milestone	Features
2	Plan UI structure and components (posting wall) Set up Firestore project (posting wall) Plan database collection and document structure (posting wall)
3	Write Create and Read operation for posting wall (posting wall) Base UI implementation of posting wall (posting wall)
4	Implement picture taking functionality (camera) User onboarding screens (onboarding) Set up firebase authentication (onboarding)
5	Posting wall with functionality (posting wall) Write rest of CRUD operation (posting wall, onboarding, notification) Implement notification (notification)