1   Introduction

In this machine problem, you will build your final app of this course. Be creative!

2   Timeline

There are two steps in completing this project.

1. A single slide describing your app.

    - The pptx slide template is on the webpage.
    - Print your slide to pdf, and submit the pdf file on the website by 6:00 PM on Apr 23, 2019.
    - Presentation on Apr 24, 2019.

2. Your app.

    - The app requirements appear in the next section
    - Demo of app is on May 3, 2019.

3   Problem statement

Your app will need to have (from mini-project):

- At least 2 activities

- At least 1 item of information that is passed via an intent

- At least 2 fragments

- At least 1 ListView

- At least 2 types of file types in resources

- Support for portrait and landscape modes

New requirements:

- Use Firebase for storing data

- Use Firebase email authentication

- At least 1 Google Cloud API or Library (eg. MLKit, Google Maps, Directions)

- At least one notification

- At least one sensor (eg. camera, microphone)

4   Evaluation Guidelines

1. Check operation using the interface.

2. Creativity carries bonus points.

3. Your application must run on either a physical or a virtual device.