

CIS*4030 – Mobile Computing – Labs Nine & Ten

In these labs, you will be learning to work with firebase (Lab09) as well as learn one topic of your choice (Lab10) by completing one codelab for each lab.

Lab Nine - Due: 11:59pm 30 March 2022

In this lab you will be completing a codelab to learn how to work with firebase. You will complete the “Get to know Firebase for Flutter” for this lab:

<https://firebase.google.com/codelabs/firebase-get-to-know-flutter-0>

You will need to complete all steps of the codelab (1-10) for this lab.

Submission:

For Lab09, submit a single video file (must be mp4, mov, or m4v format) that shows all the codelab functionality and also shows your firebase database being updated while in use.

Lab Ten - Due: 11:59pm 06 April 2022

In this lab you will complete one of three possible codelabs:

The first option is adding transitions using the animations package in flutter:

<https://codelabs.developers.google.com/codelabs/material-motion-flutter#0>

The second option is building a photo sharing application:

<https://codelabs.developers.google.com/codelabs/google-photos-sharing#0>

The third option is learning how to test flutter applications:

<https://codelabs.developers.google.com/codelabs/flutter-app-testing/#0>.

For whatever option you choose, you must fully complete all steps in the codelab. We recommend doing the codelab that most benefits your CIS*4030 project. Feel free to strategize with your group members if you want to cover multiple topics within your group, but make sure to do your own chosen codelab individually.

Submission:

For Lab10, submit a single video file (must be mp4, mov, or m4v format) that demonstrates the fully completed codelab of your choice.