



FACULTY OF ENGINEERING AND APPLIED SCIENCE  
Department of Electrical, Computer and Software Engineering

SOFE 4640U/Fall 2022  
Mobile Application Development / Group Project (25%)

The group project is an important part of this course, and its purpose is to engage in mobile application development. You'll build an app based on the **concepts presented in lectures/labs**. Each project group will consist of 2 to 4 students, and the group should get an app topic to work on. Students should form their groups, but if this cannot be done by the date specified, groups will be assigned randomly.

The topic of the final project is the student's choice. However, any project should contain the following items:

- *User Interface*
- *Multiple activities*
- *Intents*
- *Save state mechanism*
- *The usage of internet resources (i.e. JSON, XML, RSS...)*
- *Local database transactions*
- *Centralized database i.e. Cloud database –optional*
- *Multi-thread programming – optional*
- *You have the choice to select the development framework/language*

The final mark (25%) for the project will be based on the following grading criteria:

Milestone	Activity	Due date
M1 (5 marks)	Project Proposal/ Plan	Oct. 26 (Lecture Time/online)
M2 (15 marks) (peer evaluation + instructor evaluation)	Final Project Presentation/Demo	Nov. 23 -Dec. 04 (Lecture Time/online)
M3 (5 marks)	Project Final Report	Dec. 4 (online )