

## Phase 3: Building an Android APP

**Due: 3:30pm April 28, 2025**

### What to Turn In:

- Submit an electronic copy of Phase 3 of your project by "***submit malamin 3100-S25-phase3 your\_files***"

Your submission should include:

- a README file of how to install and run your software, and your names
- entire Android Studio Project including Java and XML files, and PHP code tailored for Phase 3
- Pre-record a 5-10 minutes video demo and upload it to discussion board (either the mp4 file or a link to YouTube video)
- Demonstrate how your project works during class on April 28

(one submission/demo per team)

During Phase 1 and Phase 2, you have designed and implemented a web-based database, In Phase 3, you will develop an Android app that can connect to the database you have developed, take a user query, execute it, and display the query result.

### In Phase 3, your application should be able to perform the following tasks:

1. A student can create an account. (20 points)
2. A student can browse all the courses offered in the current semester and can register for a specific section of a course if there is available space in the section. (Assume each section is limited to 15 students). (20 points)
3. A student can view a list of all courses they have taken and are currently taking. (20 points)
4. Instructors have access to records of all course sections they have taught, including names of current semester's enrolled students and the names and grades of students from past semesters. (20 points)
5. Student-proposed functionality #1 (20 points)