

Android Mobile App Development With Kotlin Language

Instructor : Kasim Adalan
Office : Altunizda Digital Campus
Contact : Email: kasimadalan@gmail.com / Tel: +90 537 274 28 06

Course schedule

Term : Spring Term, 2022 -2023 academic year
Start/End : May 27th, 2023 – July 12th, 2023
When : Wednesday 19:00 – 22:00 / Saturday: 13:00 – 16:00

Course Description

This course teaches android application development processes using the kotlin language. The course starts by learning the kotlin language. After learning the Kotlin language, the details of Android Application development are discussed. Many Android applications will be developed during the course.

Outline

- Kotlin Language
 - Introduction
 - Variables and Data Types
 - Standard Programming Structures
 - Object-Oriented Programming
 - Collections
 - Advanced Kotlin
- Android Development
 - Introduction
 - Design
 - Working Structure
 - Widgets
 - Material Design
 - Application Architecture
 - Advanced Android
 - Storage Operations
 - Internet Based Operations

Course Format

The course process progresses by developing kotlin and android applications for each relevant department. The course content includes homework, a course project and a medium article.

Course Notes

The slides and android studio projects used during the course will be shared with the students.

Assessment

Course grading will be based on the total number of points that the participant receives on quizzes, exams and homework assignments. Tentative breakdown of the overall course grading is:

- 6 Homework 25%
- 1 Medium Article 10%
- 1 Project 50%
- 1 Instructor Note %10

Software:

- Android Studio Kurulumu : <https://developer.android.com/studio>
- Android Studio Emülatör Kurulumu : <https://developer.android.com/studio/run/emulator>
- Db Browser Kurulumu : <https://sqlitebrowser.org/>
- Any Desk Kurulumu : <https://anydesk.com/tr>

Course Communication

All course-related announcements will be made through SUCourse. E-mail is my preferred way of communication if you need to reach me. I check my mail on a regular basis and reply relatively fast.

Collaboration

You are welcome and even encouraged to discuss the problems in your homework assignments with your fellow classmates but are expected to submit your own work prepared in your own words. You are also expected to know, understand, and comply with the ethical standards of the university and stay away from any sort of dishonesty (cheating, copying somebody else's work, etc.).

Disclaimer

The information provided in this syllabus is tentative and is subject to change. Any modifications to the syllabus will be announced via email or SUCourse, or you'll be verbally notified in class.