

2023-2024 Semester Project

BLM3520 Introduction to Mobile Programming

Assignment 2

Course Instructor: Assoc. Prof. M. Amaç GÜVENSAN

Course Assistants: Research Assist. Mustafa Mert KARA & Research Assist. M. Enes ÖZELBAŞ

Subject: Course Assistant Application - Authentication

Related Topics: Activity, Intent, SharedPreferences, File, AndroidManifest

Content:

1. Registration and Login Module:

First page of the application letting users register/login.

- a. Registration page (Name*, Surname*, Student ID*, E-mail*, Password*)
- b. Authentication email upon registration (@std.yildiz.edu.tr / @yildiz.edu.tr)
- c. Login Page (E-mail, Password)
- d. Change password

2. Account Module:

A page showing account information of instructors and students.

- a. Account level (Admin, Instructor, Student)
 - i. Account types of Student and Instructor will be determined by the e-mail address. Accounts that register with an e-mail address that ends with @std.yildiz.edu.tr will be registered as Student while accounts with @yildiz.edu.tr will be registered as Instructor. Admin Account will be created by you and not registered.
- b. Add/Delete/Update personal account information
- c. Adding profile picture via Gallery App and Camera (camera authorization)
- d. Ongoing educational information (Undergraduate/Master's/PhD & semester)*
- e. Contact information (Email address*, Phone number*(should be kept optionally private))
- f. Account level (Admin, Instructor, Student) should only be shown to the user and cannot be modified by the user (set as private)
- g. Social media accounts (Instagram, Twitter)(should be kept optionally private)
- h. Forwarding (to Whatsapp, E-mail, phone number)

Important Notes:

You should upload,

1. Source codes **and APK file** to GitHub platform
2. **StudentID.pdf** to online.yildiz.edu.tr (should include the video link and the GitHub link) until **15.04.2024 23:59 before midnight.**

- While presenting your work you should **introduce your application** as well as **your code**. Please **explain the functions** of your application. **At the beginning** of your video please **introduce yourself with a camera on.**
- Do not prepare a report.

VERY IMPORTANT

Please keep your GitHub link private and make it public after the deadline of the assignment. Unless, similar codes will be punished.