Enterprise Mobile Application Development

Assignment 1

Develop a mobile application using local database with the following features:

1. Create a login screen that returns (login success or login failure)
2. Create a signup screen that returns (signup success or login failure) with the following text data fields:
    2.1. Name (mandatory field)
    2.2. Gender (radio button – optional field)
    2.3. Email (FCI Email structure validation - mandatory field example: studentID@stud.fci-cu.edu.eg)
    2.4. Student ID (mandatory field)
    2.5. Level (4 options only {1,2,3,4} – optional field)
    2.6. Password (at least 8 characters - mandatory field)
    2.7. Confirm password (at least 8 characters – matching password field - mandatory field)

    Signup failed if any of the mentioned conditions are not come true.

3. Create and edit profile screen with an option of adding profile photo (from gallery or from camera). <using http plugin>

Bonus: Implementation using API integration

Terms and conditions:
1. Submit your project as a zipped folder named with the team member IDs (ID1_ID2_ID3).
2. Delivery deadline is Friday, 5th April 2024 with no late submission.
3. Delivery is in groups of 2 - 3 members.
4. Cheating marking policy is zero for all cheating parties.
5. Late submission policy is zero for all group members.
6. Missing features marking policy is zero for this feature for all group members.
7. Not running feature marking policy is half marking after successful code discussion.
8. Marking policy for any member has not participated in coding is zero.