

Software for Mobile Devices Sessional-I Exam

(CS4039)

Date: September 24, 2024

Course Instructor(s)

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Total Time: 1 hour

Total Marks: 30

Total Questions: 2

Roll No

Section

Student Signature

Do not write below this line

Attempt all questions on the answer sheet

CLO 1: Apply expertise of both frontend design and backend programming to create android mobile apps.

Question 1: Write short answers for the following questions.

[10 marks]

- Write java code to display the message "Welcome Mid-1 SMD" using Toast when the fragment is attached with its Activity.
- Write java code snippet to open Dialer App upon button click with user provided mobile number. Assume ids of Button and EditText are "btnCallMe" and "etPhoneNum" respectively.
- How can you check the phone's current orientation through java code.

Question 2: Write codes for the following questions.

[10 marks]

- Design winners activity layout for a quiz app. The detailed design is attached. Choose any useful assumptions where are required. Choose any layouts of your choice.
- Suppose there was a registration activity in which every user provided their addresses, which are stored in a list of name addressList. Write java code in this way that if a user clicks on any of the winner, google map will display his/her address on it.
- Suppose Weekly, Monthly and All Time are three buttons and three fragments of name weekly_frag, monthly_frag and all_time_frag are attached with these buttons. Currently you can see the Weekly button is clicked and weekly_frag is shown. Write java code which will show the respective fragment on any of the buttons clicked.

