



COMSATS University Islamabad Lahore Campus

Lab Midterm Term Fall 2024

Course Title:	Mobile Application Development				Course Code:	CSC 303	Credit Hours:	3(2,1)
Course Instructor/s:	Akhzar Nazir				Program Name:	BSE		
Semester:	5 th , 6 th , 7 th	Batch:	FA22	Section:	G3 and G5	Date:	21.10.2024	
Time Allowed:	90 Minutes				Maximum Marks:		25	
Student's Name:					Reg. No.			
<u>Important Instructions / Guidelines:</u> <ul style="list-style-type: none">● Avoid overwriting and cutting.● Read the questions carefully.								

[Section A]

Question 1: [10 marks]

“FoodApp” is a simple mobile application which help people to Find their favorite fast food. Make this app workable to run in offline mode also.

- 1- Fetch data from the given API using Custom Hooks [5 Marks] – [CLO 2]
- 2- Design of the screen is given below [Screenshot attached] [5 Marks] - [CLO 2]



[Section B]

Question 2: [15 marks]

- 3- App should workable in offline mode as well. Test the app without internet, kill and restart the app should work. Use Async Storage or any local database. All use cases must be covered [10 Marks] - [CLO 3]
- 4- Push your code on new branch with your name and roll number and create pull request [For example your name is ali and your roll number is fa22-bcs-102, you can name your branch with following name **ali-fa22-bcs-102**] [5 Marks] - [CLO 3]

- 1- API Link [You can use your own API link as well] – For this URL you can use dummy images as this URL does not return images
<https://simple-grocery-store-api.online/products>

2- Screen Design

