20MCA243 MOBILE APPLICATION DEVELOPMENT LAB

Lab Report Submitted By

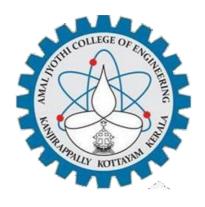
TEENA ROSE MATHEW

Reg. No.: AJC20MCA-2080

In Partial fulfillment for the Award of the Degree Of

MASTER OF COMPUTER APPLICATIONS (2 Year) (MCA)

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

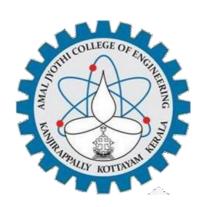


AMAL JYOTHI COLLEGE OF ENGINEERING KANJIRAPPALLY

[Affiliated to APJ Abdul Kalam Technological University, Kerala. Approved by AICTE, Accredited by NAAC with 'A' grade. Koovapally, Kanjirappally, Kottayam, Kerala – 686518]

2021-2022

DEPARTMENT OF COMPUTER APPLICATIONS AMAL JYOTHI COLLEGE OF ENGINEERING KANJIRAPPALLY



CERTIFICATE

This is to certify that the lab report, "20MCA243 MOBILE APPLICATION DEVELOPMENT LAB" is the bonafide work of TEENA ROSE MATHEW (Reg.No: AJC20MCA-2080) in partial fulfillment of the requirements for the award of the Degree of Master of Computer Applications under APJ Abdul Kalam Technological University during the year 2021-22.

Ms. Sona Maria Sebastian

Head of the Department

Staff In-Charge

External Examiner

Internal Examiner

Content

S.No	Name of the Experiment	Date	Page No	Signature of Staff- In-Charge
1	Design a Login Form with username and password using Linear Layout and toast validcredentials.	24/11/2021	5	g
2	Write a program that demonstrates Activity Lifecycle.	24/11/2021	10	
3	Implementing basic arithmetic operations of a simple calculator	01/12/2021	13	
4	Implement validations on various UI controls	01/12/2021	20	
5	Design a registration activity and store registration details in local memory of phoneusing Intents and SharedPreferences	08/12/2021	29	
6	Design a simple Calculator using GridLayout and Cascaded LinearLayout	08/12/2021	38	
7	Create a Facebook page using RelativeLayout;set properties using .xml file	15/12/2021	47	
8	Develop an application that toggles image using FrameLayout	15/12/2021	52	
9	Implement Adapters and perform exception handling	22/12/2021	56	
10	Implement Intent to navigate between multiple activities	05/01/2022	59	
11	Develop application that works with explicitintents	19/01/2022	62	
12	Implement Options Menu to navigate to activities	02/02/2022	70	
13	Develop an application	02/02/2022	75	

	that uses ArrayAdapter with ListView.			
14	Develop an application that use GridView with images and display Alert box on selection	09/02/2022	80	
15	Develop an application that implements Spinner component and perform event handling	14/02/2022	84	
16	Apply themes via code and manifest file	15/02/2022	89	
17	Develop application using Fragments	15/02/2022	92	
18	Implement Navigation drawer	16/02/2022	100	
19	Program to implement various SQLite operations: (INSERT, UPDATE, DELETE, SELECT)	23/02/2022	104	