PROJECT REPORT

MAD

A report submitted in partial fulfilment of the requirements for the Award of Degree of

BACHELOR OF TECHNOLOGY

in

COMPUTER SCIENCE AND ENGINEERING

Ву

Amey Borade

Aditya Bansode

Juned Bagban

Manmohan Billa

Aftab Choudhary

Aniket Choure

Under Supervision of

Prof. Z.M Shaikh MAD prof. of **N.K.O.C.E.T**

N K Orchid College of Engineering & Technology, Solapur

Approved by AICTE, New Delhi & Addilated to DBATU, Lonere, NAAC Accredited

ACKNOWLEDGEMENT

First I would like to thanks **Prof. Z.M. Shaikh** MAD prof. of NKOCET for giving me and my team the opportunity to do Android App.

I also would like all the Team that worked with me in this MAD project with their patience and openness they created an enjoyable working environment.

I am extremely great full to my department staff members and friends who helped me in successful completion of this Project.

ABSTRACT

MAD is an Android Mobile Application for Third Year Computer Science and Engineering students.

This app is developed by the MAD Team ,CSE Third Year students of N.K. Orchid College of Egg. And Tech. Solapur.

This APP cover the data related to Mobile Application Development Subject in B.Tech. Course

Now a days as students required all the PPTs, Question Bank, Video lectures for their study purpose for every time the prof required to send data via what's app or sometimes by drive, every time to check that data student and prof need to work with the data.

This App help both the students and the prof. in one APP which store all the data in one single app. Its help students to find what they need easily and prof do not need to send data always.

Working Of App:-

This app consist of

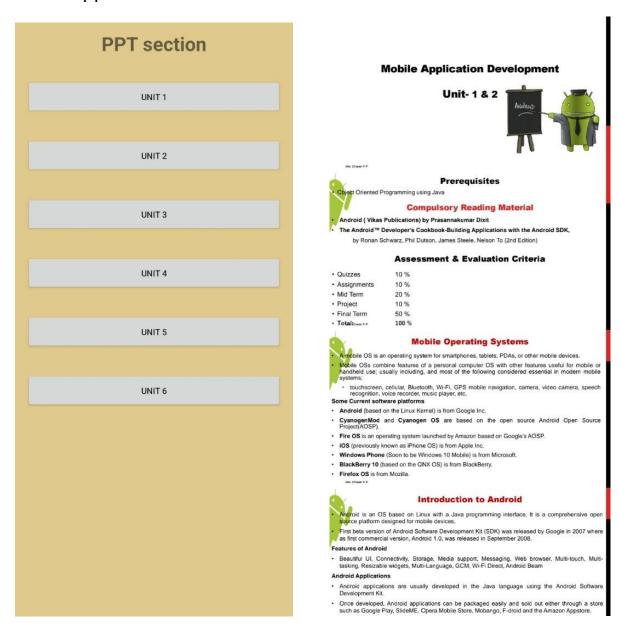
- PPT's
- Question Bank
- Handouts
- Program
- Quiz
- About app





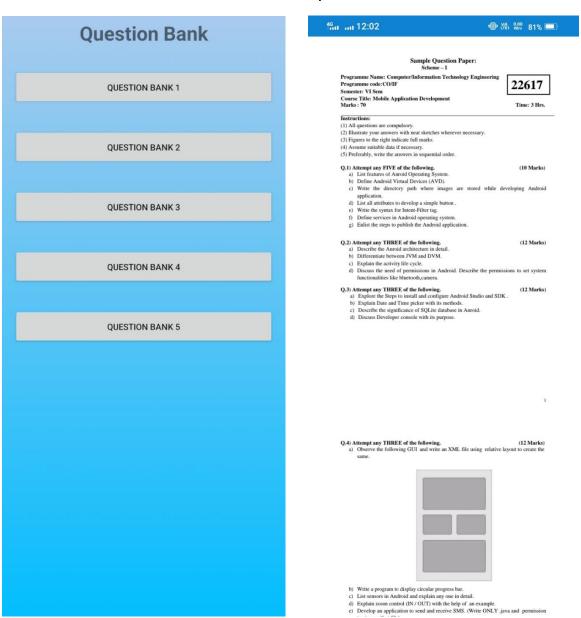
PPT's:-

Power point presentation for each unit of this course is added in this application



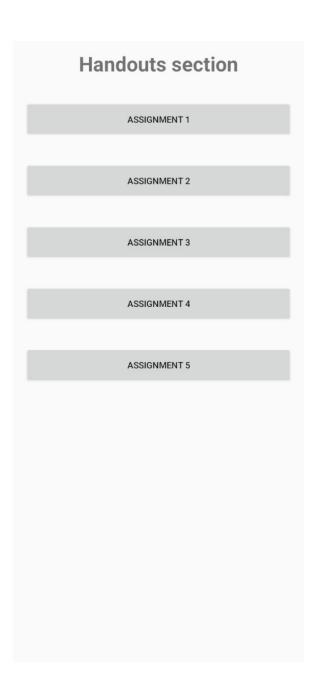
Question Bank:-

For Each unit Question Bank is provided in PDF form.



Handouts:-

For Each unit Assignment is provide in this application in PDF form

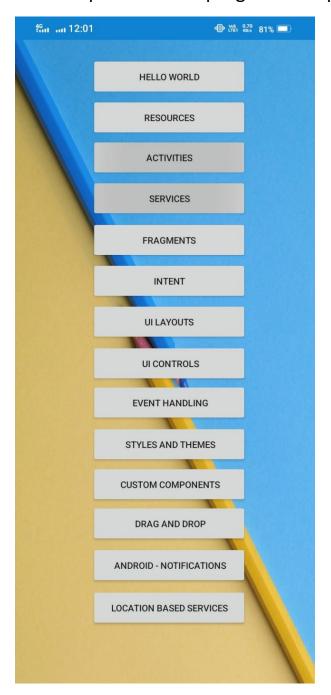


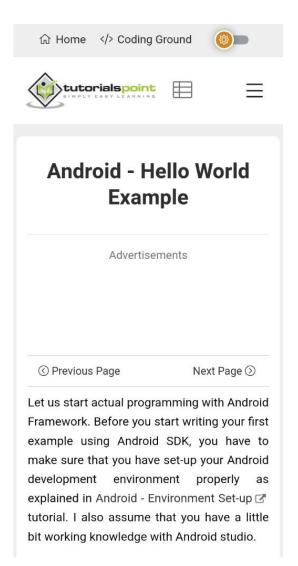
```
Step 1: Create a new project and name it TableLayoutExample
Step 2: Open res -> layout ->activity_main.xml (or) main.xml and add following code:
In this step we open an <u>xml</u> file ( activity_main.<u>xml</u> ) and add the code for displaying username and password fields by using <u>textview</u> and <u>additext</u> with one login <u>button</u>.
<TableLayout xmlns:android="http://schemas.android.com/apk/res/android"</pre>
    android:layout_width="match_parent"
     android:layout_height="match_parent"
     android:background="#000"
     android:stretchColumns="1">
               android:layout_height="wrap_content"
             android:layout_marginBottom="20dp"
             android:gravity="center_horizontal"
android:text="@string/loginForm"
              android:textColor="#8ff"
              android:textSize="25sp"
     </TableRow>
              android:layout_height="wrap_content"
             android:layout_column="0"
            android:text="@string/userName"
android:textColor="#fff"
              android:textSize="16sp" />
```

```
android:layout_height="wrap_content"
android:layout_height="wrap_content"
android:layout_column="1"
android:layout_marginleft="l@dg"
android:hatgroud="#fff"
android:hatgroud="#fff"
android:hatgroud="#fff"
android:hatgroud="#fff"
android:tayout_marginleft="wrap_content"
android:layout_height="wrap_content"
android:layout_height="wrap_content"
android:layout_marginleft="l@dg"
android:layout_marginleft="l@dg"
android:layout_marginleft="l@dg"
android:layout_marginleft="l@dg"
android:text="#ffff"
```

Program:-

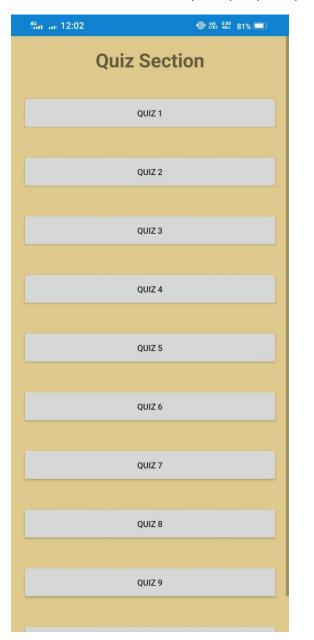
As per unit wise programs are provided in this application





Quiz:-

As for practice purpose some offline quiz are provide in which the result will directly display as you submitted the test

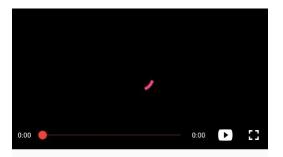




Videos:-

As per unit wise Videos are provided in this application





Installing Android Studio and Setup | Android Tutorials

Download Android Studio by writing "download android studio" in your browser's search bar. Go to the official android studio website and download android studio! Click on the downloaded android studio in your Downloads folder and install it by following instructions and clicking on "Next" Create a new android project by selecting Create New Project > basic activity > name the project > package name > location > language (jax/kotlin) > API level(try to use an API which runs on maximum possible phones)

To be able to zoom in and out using mouse wheel, you will have to activate a setting as mentioned below: Go to "File > Settings > Editor > General and click the checkbox next to "change font size with cltr-mouse wheel"

To Create an Emulator for testing your Android app:-

Select Tools > AVD manger > Create Virtual Device > Phone/tablet (select the device you want to choose) > Next > System image (API level) > Finish

Here mainly two languages will be used: XML and Java. XML is for designing and Java is for the logic and hence is the brain of the app. Code completion or Auto completion suggests the code while you write it and it is very helpful as it saves a lot of time while coding. There are three types of code completion in Android Studio Basic completion (auto complets variable name)

- Space Smart completion (auto completes code on the basis of context)

- Ctrl + Shift + Space Statement completion (auto completes brackets, parantheses)

- Ctrl + Shift + Enter

CONCLUSION

We Learn how to build the Android App in Android Studio using java
In this Project we learn how to use Grid Layout, Table Layout, Pdfview, Youtube
Viewer, some java logic implementation, Xml properties, Sdk path, Build.
Gradle, Learn about Activity Life Cycle.

The changes required according to the version in Build.Gradle Dependences

We Learn how to work Dynamic in XML properties with the help of java.