UNIVERSITY OF SINDH, JAMSHORO

NAME	MASOOMA AKBAR MEMON
ROLL NUMBER	2k19/SWEE/35
DEPARTMENT	(BS) SOFTWARE ENGINEERING (EVENING)
SUBJECT	MOBILE APPLICATION DEVELOPMENT

Android Mobile Application Development (Using Android Studio 2021)

BSIT/BSSW Part-III - 2nd Semester
ITEC-524 Mobile Application Development
BSSW SENG-524 Mobile Application Development

MAD LAB Manual (100 Marks) By:
Dr. Zeeshan Bhatti

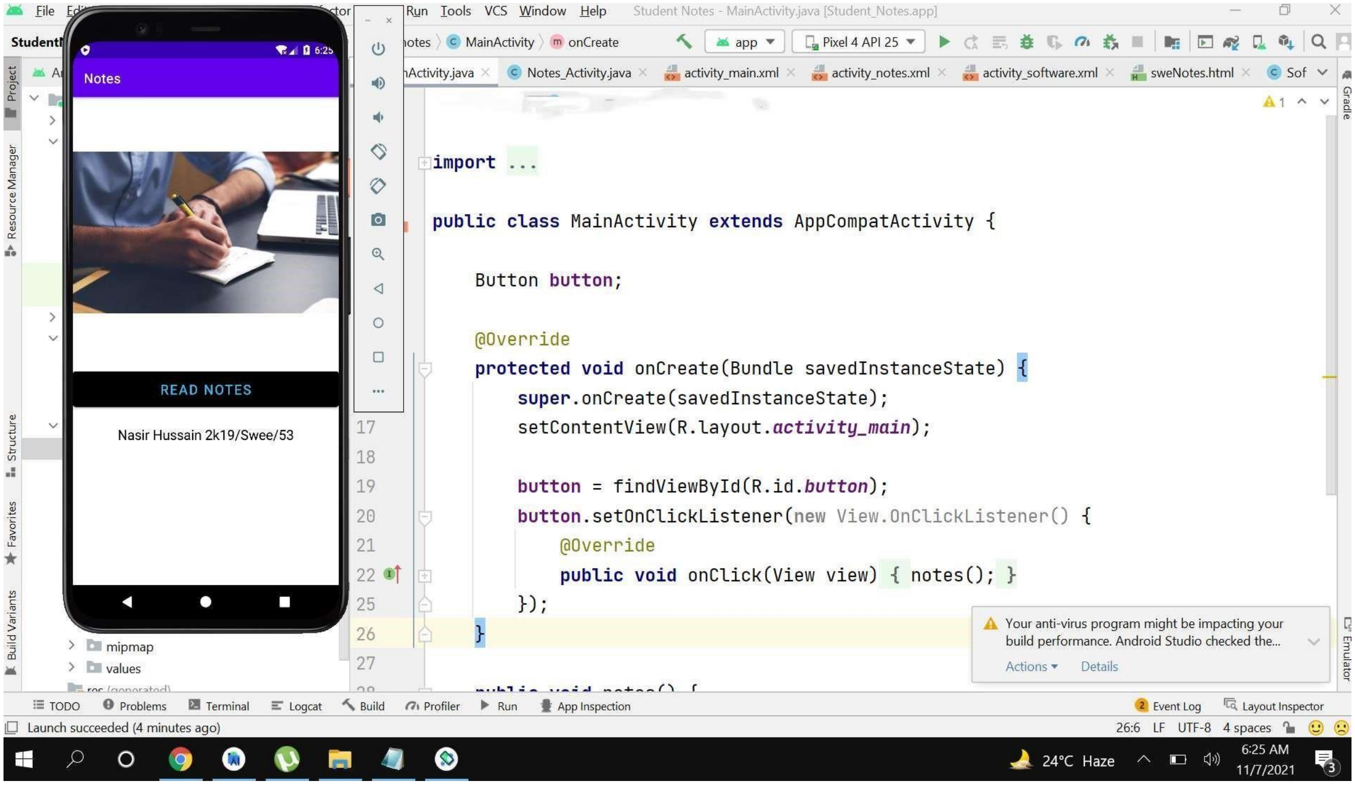
Each student is required to complete the following Lab project works individually. For each project, take Screenshot of the code and results/App output, and create PDF file and Upload it on LMS.

It is required/Compulsory for each student to Watch the given Video Lectures/Tutorials in order to complete the lab projects. Write your Name/Roll Number and status of project (completed) under the comments of each video.

LAB Projects for Week-3

Website for Notes on Android studio

Task 11: Create a simple Android App called "University Students Notes App" , where show noes of each subject or all subjects then in next activity show chapters, then third activity shows WebView with complete notes.


Student Notes - MainActivity.java [Student_Notes.app]
MainActivity.java
Notes_Activity.java
activity_main.xml
activity_notes.xml
activity_software.xml
sweNotes.html
Pixel 4 API 25
app
TODO
Problems
Terminal
Logcat
Build
Profiler
Run
App Inspection
Event Log
Layout Inspector
24°C Haze
6:25 AM
11/7/2021

Notes

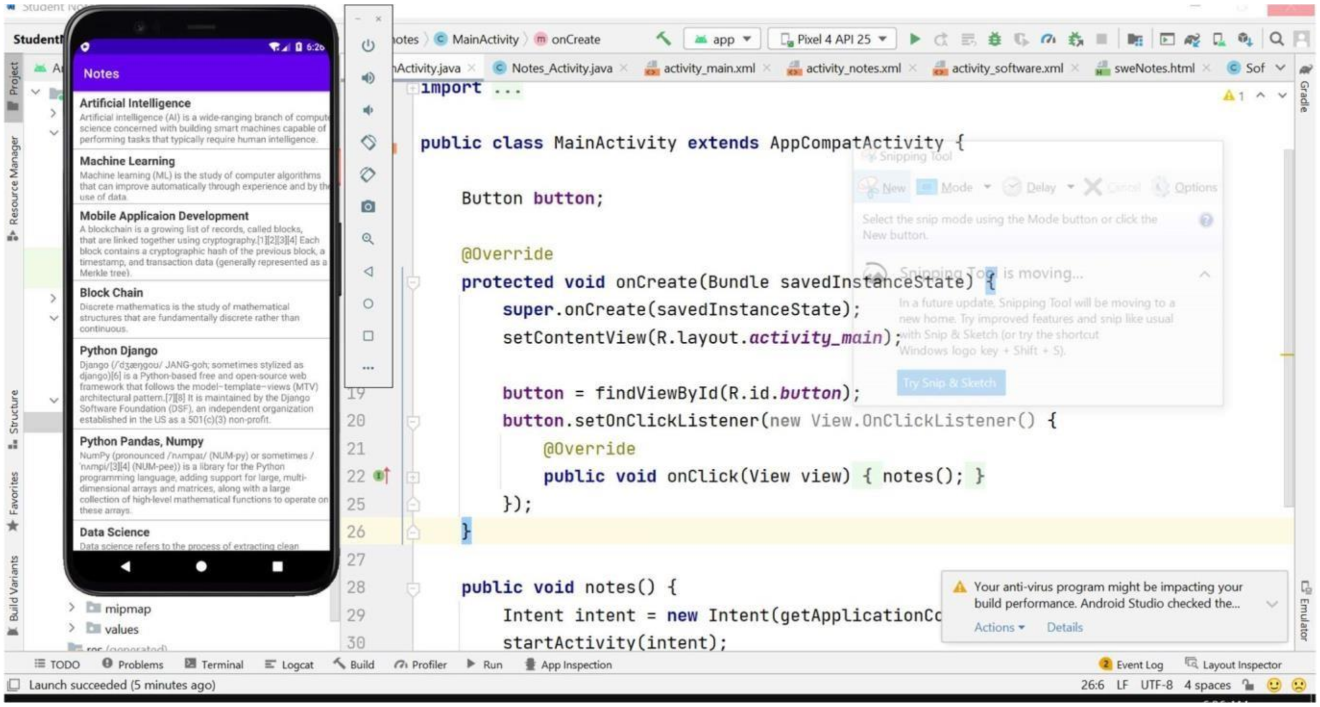
READ NOTES

Nasir Hussain 2k19/Swee/53

```java
import ...

public class MainActivity extends AppCompatActivity {

    Button button;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        button = findViewById(R.id.button);
        button.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) { notes(); }
        });
    }
```

Your anti-virus program might be impacting your build performance. Android Studio checked the...

Launch succeeded (4 minutes ago)


MainActivity
onCreate
MainActivity.java
Notes_Activity.java
activity_main.xml
activity_notes.xml
activity_software.xml
sweNotes.html
Pixel 4 API 25
app
Snipping Tool
New
Mode
Delay
Cancel
Options
Try Snip & Sketch
Actions
Details
TODO
Problems
Terminal
Logcat
Build
Profiler
Run
App Inspection
Event Log
Layout Inspector

Notes

Artificial Intelligence
Artificial intelligence (AI) is a wide-ranging branch of compute science concerned with building smart machines capable of performing tasks that typically require human intelligence.

Machine Learning
Machine learning (ML) is the study of computer algorithms that can improve automatically through experience and by the use of data.

Mobile Applicaion Development
A blockchain is a growing list of records, called blocks, that are linked together using cryptography.[1][2][3][4] Each block contains a cryptographic hash of the previous block, a timestamp, and transaction data (generally represented as a Merkle tree).

Block Chain
Discrete mathematics is the study of mathematical structures that are fundamentally discrete rather than continuous.

Python Django
Django (/ˈdʒæŋɡoʊ/ JANG-goh; sometimes stylized as django)[6] is a Python-based free and open-source web framework that follows the model–template–views (MTV) architectural pattern.[7][8] It is maintained by the Django Software Foundation (DSF), an independent organization established in the US as a 501(c)(3) non-profit.

Python Pandas, Numpy
NumPy (pronounced /ˈnʌmpaɪ/ (NUM-py) or sometimes /ˈnʌmpi/[3][4] (NUM-pee)) is a library for the Python programming language, adding support for large, multi-dimensional arrays and matrices, along with a large collection of high-level mathematical functions to operate on these arrays.

Data Science
Data science refers to the process of extracting clean

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        });
    }

    public void notes() {
        Intent intent = new Intent(getApplicationCo
        startActivity(intent);
```

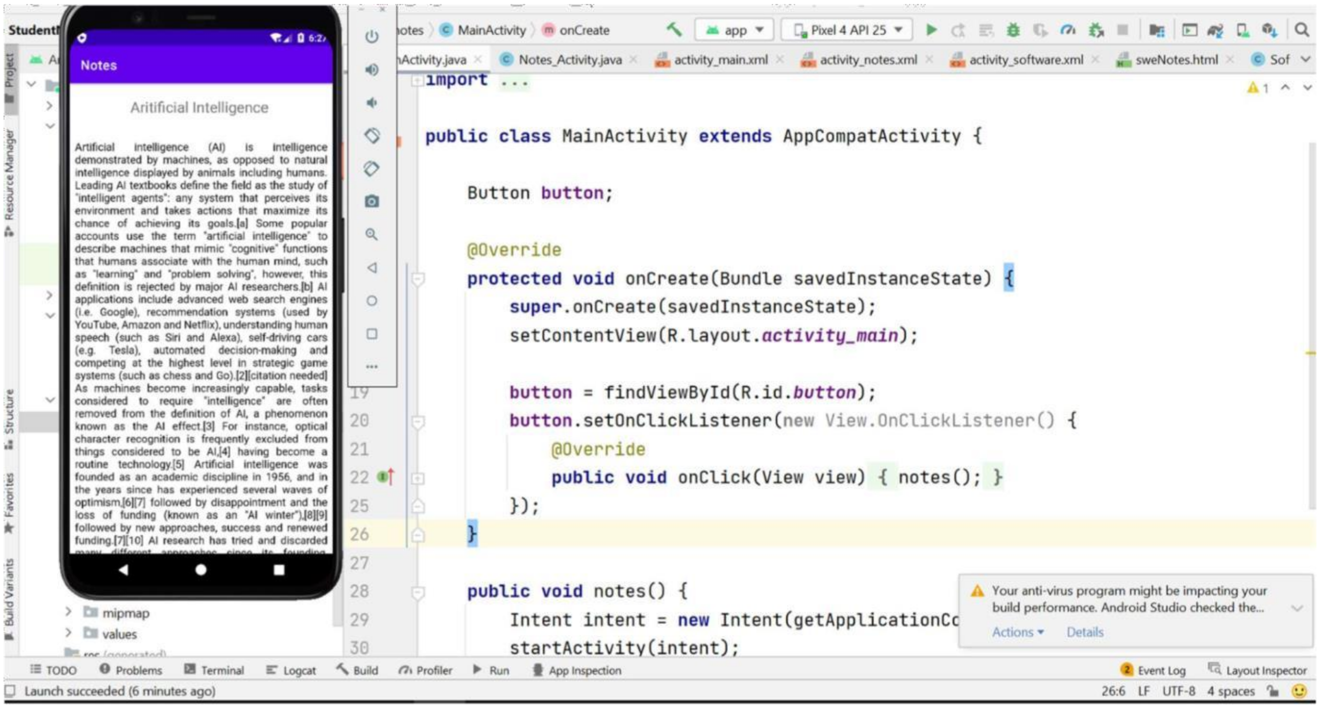
Select the snip mode using the Mode button or click the New button.

Snipping Tool is moving...

In a future update, Snipping Tool will be moving to a new home. Try improved features and snip like usual with Snip & Sketch (or try the shortcut Windows logo key + Shift + S).

Your anti-virus program might be impacting your build performance. Android Studio checked the...

Launch succeeded (5 minutes ago)


Student
Project
Resource Manager
Structure
Favorites
Build Variants
otes
MainActivity
onCreate
app
Pixel 4 API 25
Activity.java
Notes_Activity.java
activity_main.xml
activity_notes.xml
activity_software.xml
sweNotes.html
Sof
mipmap
values
res (generated)
TODO
Problems
Terminal
Logcat
Build
Profiler
Run
App Inspection
Event Log
Layout Inspector
26:6
LF
UTF-8
4 spaces
6:27
Actions
Details

Notes

Aritificial Intelligence

Artificial intelligence (AI) is intelligence demonstrated by machines, as opposed to natural intelligence displayed by animals including humans. Leading AI textbooks define the field as the study of "intelligent agents": any system that perceives its environment and takes actions that maximize its chance of achieving its goals.[a] Some popular accounts use the term "artificial intelligence" to describe machines that mimic "cognitive" functions that humans associate with the human mind, such as "learning" and "problem solving", however, this definition is rejected by major AI researchers.[b] AI applications include advanced web search engines (i.e. Google), recommendation systems (used by YouTube, Amazon and Netflix), understanding human speech (such as Siri and Alexa), self-driving cars (e.g. Tesla), automated decision-making and competing at the highest level in strategic game systems (such as chess and Go).[2][citation needed] As machines become increasingly capable, tasks considered to require "intelligence" are often removed from the definition of AI, a phenomenon known as the AI effect.[3] For instance, optical character recognition is frequently excluded from things considered to be AI,[4] having become a routine technology.[5] Artificial intelligence was founded as an academic discipline in 1956, and in the years since has experienced several waves of optimism,[6][7] followed by disappointment and the loss of funding (known as an "AI winter"),[8][9] followed by new approaches, success and renewed funding.[7][10] AI research has tried and discarded

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    }

    public void notes() {
        Intent intent = new Intent(getApplicationCo
        startActivity(intent);
```
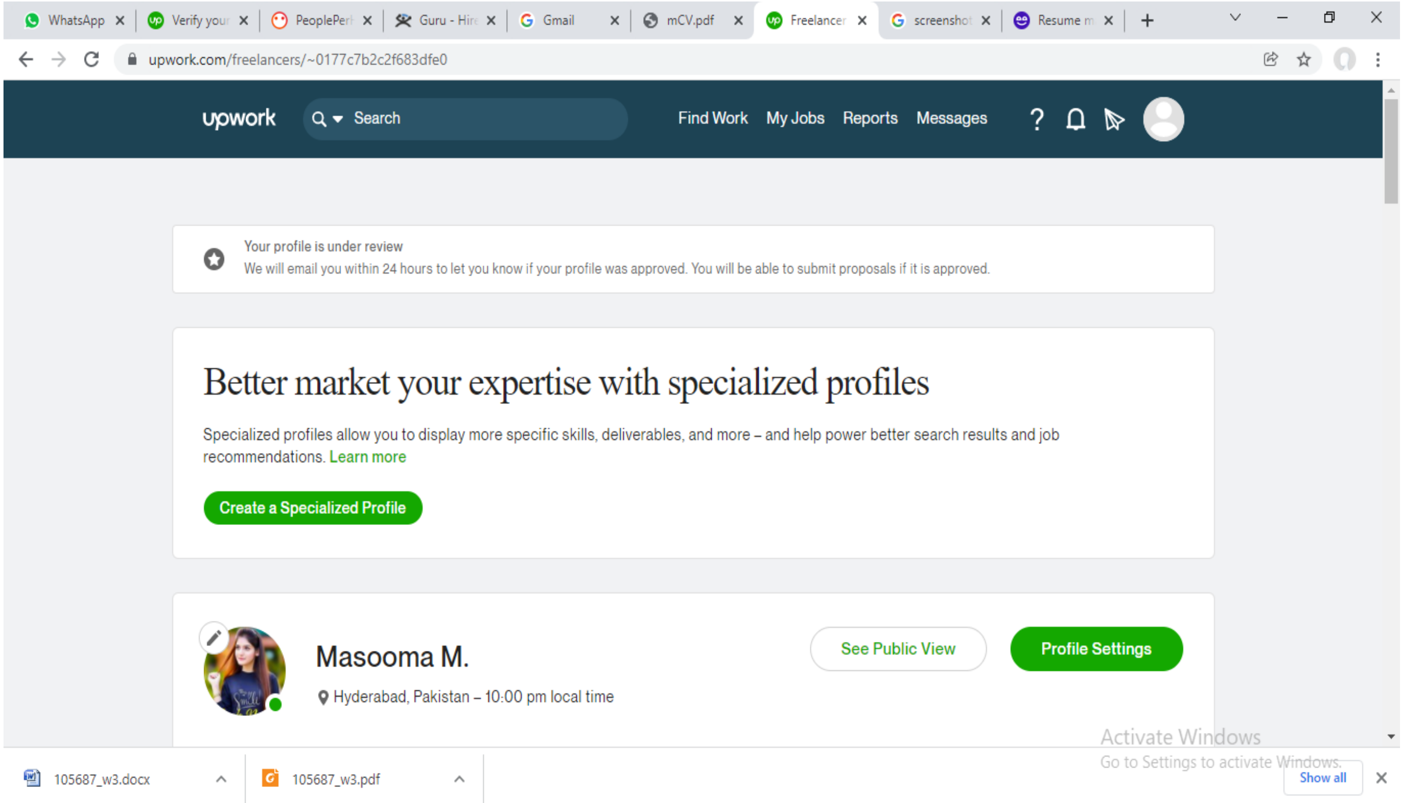

Your anti-virus program might be impacting your build performance. Android Studio checked the...

Launch succeeded (6 minutes ago)

Task 12. Each student is required to create account on any three Freelancing websites and create their profiles with complete description. (Attach Screen shot of their accounts / pitch as assignment submission)


WhatsApp
Verify your
PeoplePer
Guru - Hire
Gmail
mCV.pdf
Freelancer
screenshot
Resume m
upwork.com/freelancers/~0177c7b2c2f683dfe0
upwork
Search
Find Work
My Jobs
Reports
Messages
Create a Specialized Profile
See Public View
Profile Settings
Activate Windows
Go to Settings to activate Windows.
105687_w3.docx
105687_w3.pdf
Show all

Your profile is under review

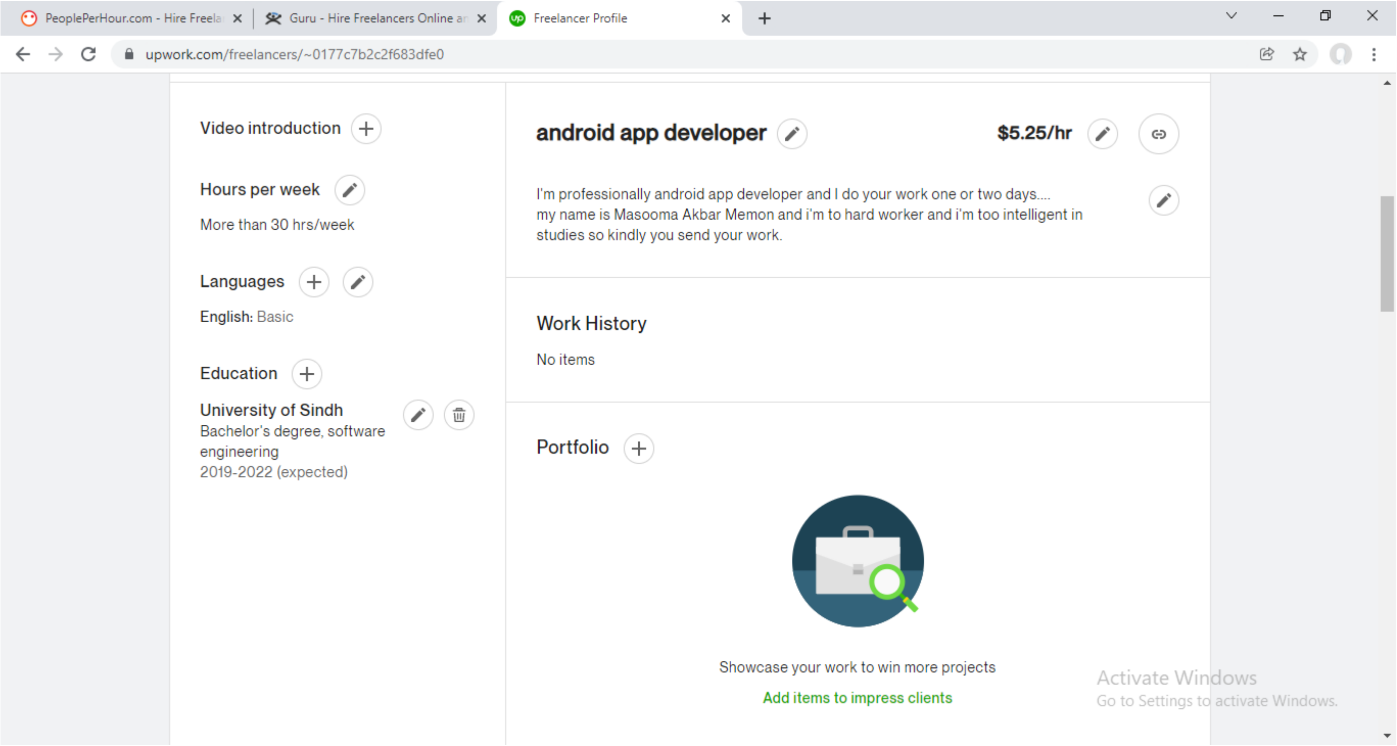
We will email you within 24 hours to let you know if your profile was approved. You will be able to submit proposals if it is approved.

Better market your expertise with specialized profiles

Specialized profiles allow you to display more specific skills, deliverables, and more – and help power better search results and job recommendations. Learn more

Masooma M.

Hyderabad, Pakistan – 10:00 pm local time


PeoplePerHour.com - Hire Freela
Guru - Hire Freelancers Online ar
Freelancer Profile
upwork.com/freelancers/~0177c7b2c2f683dfe0
Activate Windows
Go to Settings to activate Windows.

Video introduction

Hours per week

More than 30 hrs/week

Languages

English: Basic

Education

University of Sindh

Bachelor's degree, software engineering

2019-2022 (expected)

android app developer

$5.25/hr

I'm professionally android app developer and I do your work one or two days....
my name is Masooma Akbar Memon and i'm to hard worker and i'm too intelligent in studies so kindly you send your work.

Work History

No items

Portfolio

Showcase your work to win more projects

Add items to impress clients

each student must create account on these and start exploring the freelancing portals for online work.

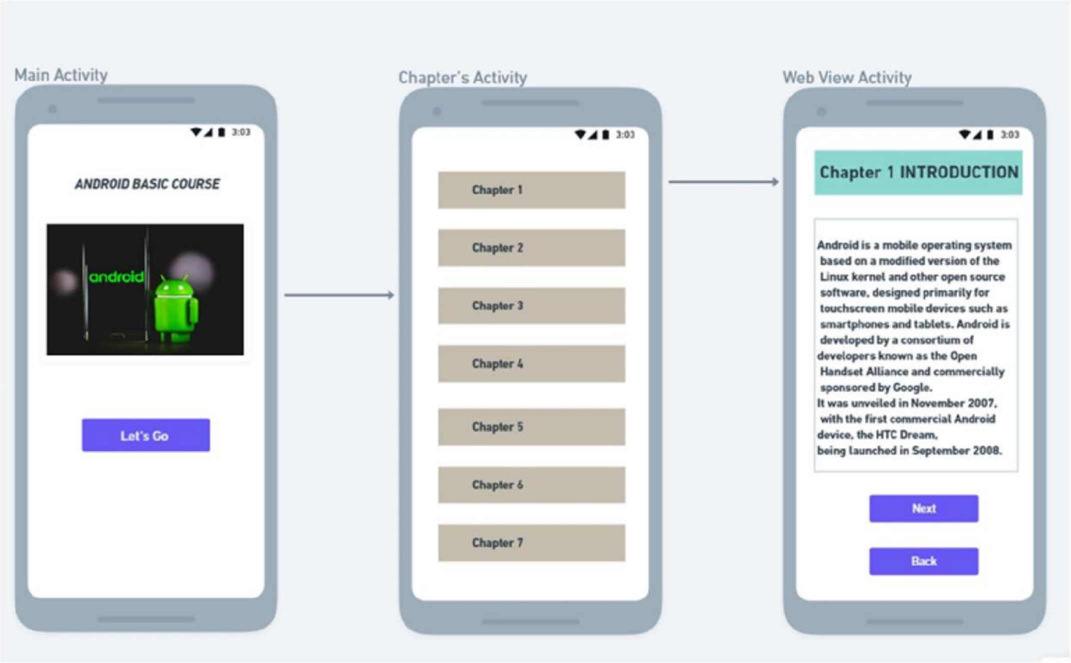
IDEA Student Software Developer Team/Group/Incubation

Step 1. Form a group of 3 to 4 students and create your own private software house/group/team.
Step 2. Name your Software developer Team/group.
Step 3. Start brainstorming on your skills and areas of expertise, i.e. PhP Web development, Android App, Graphics Designing, etc.
Step 4. Create a single account on Freelancer and Fiver websites as a Software Developer. Keep searching for projects from your expertise and start biding on them. **Step 5.** Try to create an interesting profile with portfolio showing all your work.

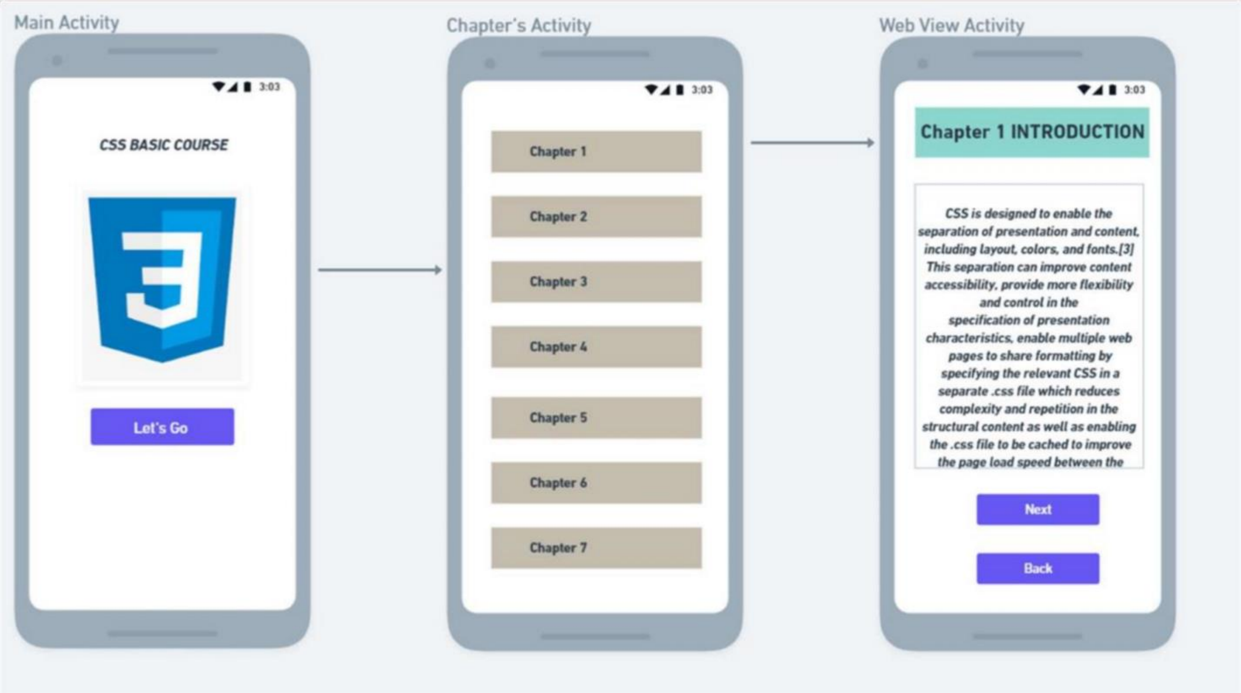
Those students who form a software developer group/team will be guided further on how to work better on freelancer websites and fiver.

Task 13 & 14: Create a Full Android App on any of the TWO (02) following topics. The Basic Wireframe of project is given below, You can use this UI wireframe or create your interesting UI. Your APP Must have three things (1. Splash Screen. 2. Main Activity and fragments 3. Display HTML notes in WebView .

App Idea 1. HTML Notes App
App Idea 2. CSS Notes App
App Idea 3. Multimedia Technology Nates App
App Idea 4. Java Programming Notes App
App Idea 5. Android App Development Notes App


Main Activity
3:03
ANDROID BASIC COURSE
android
Let's Go
Chapter's Activity
3:03
Chapter 1
Chapter 2
Chapter 3
Chapter 4
Chapter 5
Chapter 6
Chapter 7
Web View Activity
3:03
Chapter 1 INTRODUCTION
Next
Back

Android is a mobile operating system based on a modified version of the Linux kernel and other open source software, designed primarily for touchscreen mobile devices such as smartphones and tablets. Android is developed by a consortium of developers known as the Open Handset Alliance and commercially sponsored by Google.
It was unveiled in November 2007, with the first commercial Android device, the HTC Dream,
being launched in September 2008.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3:03
CSS BASIC COURSE
Let's Go
Chapter's Activity
3:03
Chapter 1
Chapter 2
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Chapter 4
Chapter 5
Chapter 6
Chapter 7
Web View Activity
3:03
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CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts.[3] This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file which reduces complexity and repetition in the structural content as well as enabling the .css file to be cached to improve the page load speed between the

The Mobile App UI Wireframe was created using following website. Use this to create a quick design of your Website of Mobile App to show to customers/clients

https://whimsical.com/