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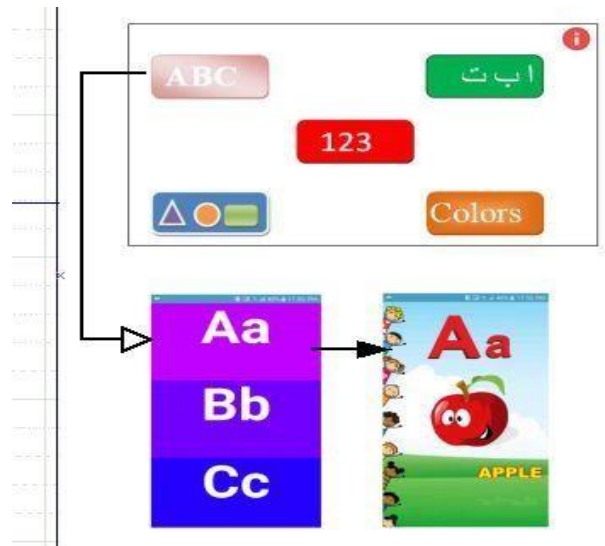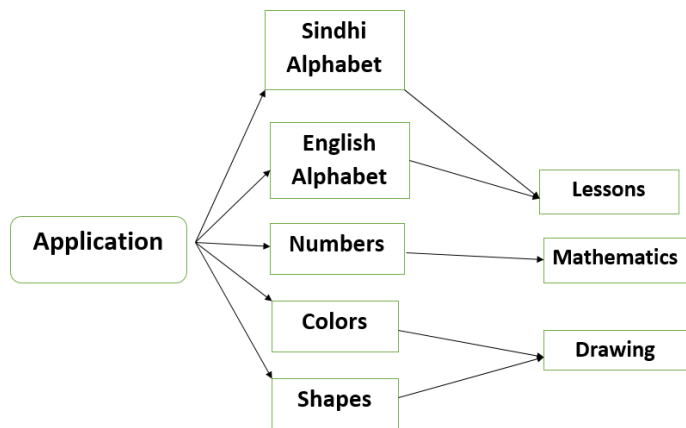
It is required/Compulsory for each student to Watch the given Video Lectures/Tutorials in order to complete the lab projects. Write your Name/Roll Number and status of project (completed) under the comments of each video.

LAB Projects for Week-6

Task 21: FULL APP PROJECT

Develop a Complete Learning APP for Children with following specifications. As the App starts, the Main activity shows Five Lessons or Tasks, Sindhi/Urduy alphapets, English Alphabets, Numbers, Colors, Shapes as shown in Figure 1. As the user selects each lesson type, the lesson begins the Letters of Numbers in scroll view with fragments, with interactive design as shown in figure 2
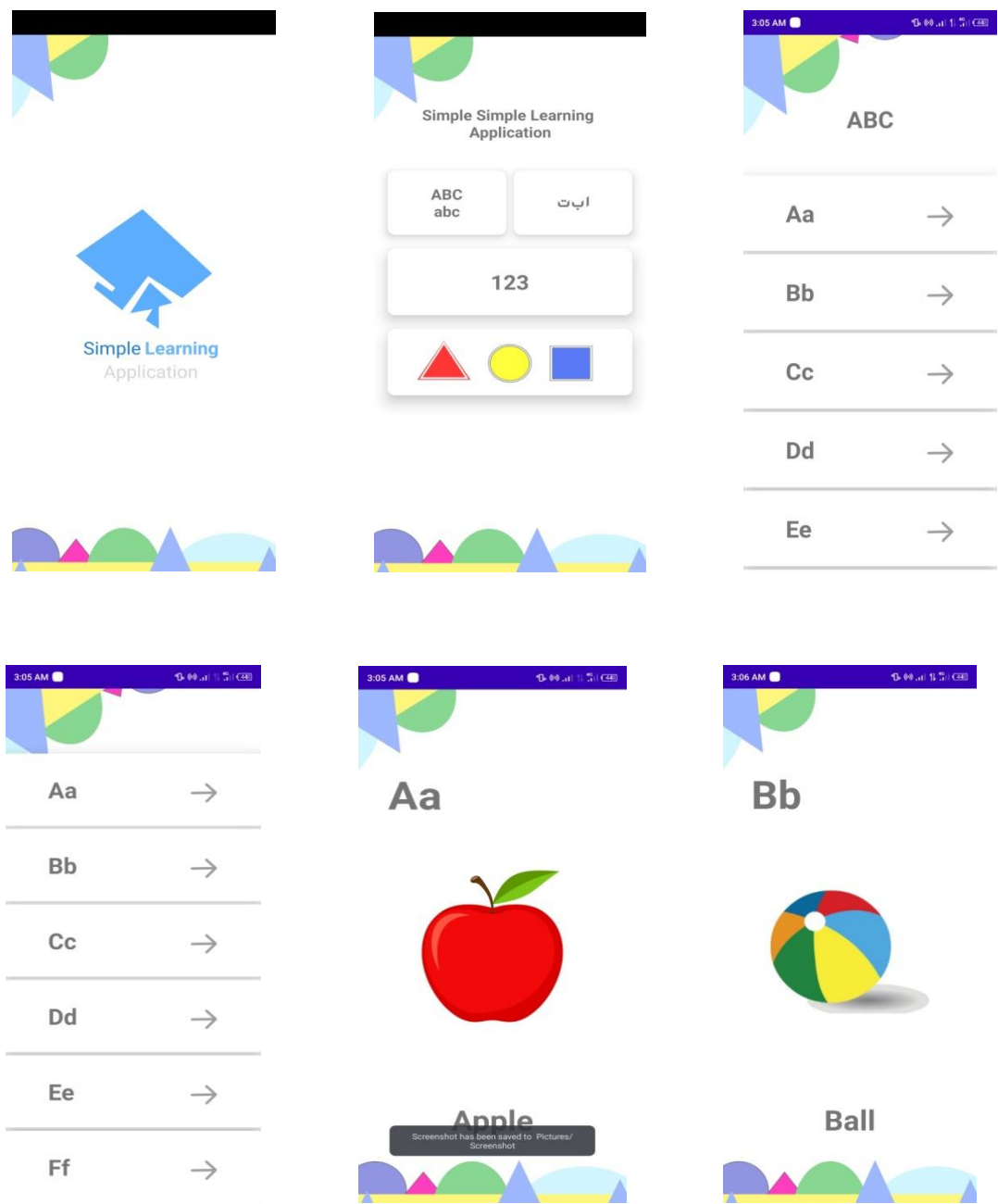
Application → Sindhi Alphabet, English Alphabet, Numbers, Colors, Shapes

Sindhi Alphabet, English Alphabet → Lessons

Numbers → Mathematics

Colors, Shapes → Drawing

UNIVERSITY OF SINDH, JAMSHORO

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

Figure 1: Main Structure of the App

Figure 3: Numbers Exercise

Sindhi/Urdu Exercise

Simple Simple Learning Application

ABC abc | ابت
123

Aa →
Bb →
Cc →
Dd →
Ee →

Aa →
Bb →
Cc →
Dd →
Ee →
Ff →

Aa

Apple

Bb

Ball

ا	→
ب	→
پ	→
ٻ	→
ت	→
ٹ	→
ٿ	→

ا

اک

Screenshot has been saved to Pictures/Screenshot

ب

بدک

123

1	→
2	→
3	→
4	→
5	→

1

One

Screenshot has been saved to Pictures/Screenshot

2

Two

Shapes

circle →

Triangle →

Squre →

polygon →

Rectangle →

Triangle

Squre

Triangle

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