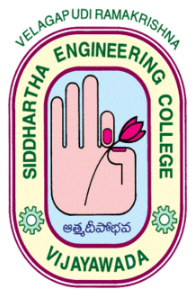
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

V R SIDDHARTHA ENGINEERING COLLEGE

VIJAYAWADA



LABORATORY WORKBOOK

17CS3652B MOBILE APPLICATION DEVELOPMENT LABORATORY



**LABORATORY WORKBOOK**

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| STUDENT NAME |  |
| REGISTERED NUMBER |  |
| YEAR |  |
| ACADEMIC YEAR |  |
| SEMESTER |  |
| SECTION |  |
| COURSE INSTRUCTOR |  |

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[b) Android Virtual Device Creation.](#_Toc97809)

**[Lab Session 02:](#_Toc97810)** [a) Implement Hello World Program](#_Toc97810)

[b) Develop an android application to demonstrate Activity life cycle.](#_Toc97810)

Example: Develop an android application that find's my age.

**[Lab Session 03:](#_Toc97811)** [Develop an android application to demonstrate the Implicit and Explicit Intent.](#_Toc97811)

Example: Develop a mobile application that shares the message through an email.

**[Lab Session 04:](#_Toc97818)** [Develop an android application to implement user interface by using following User Interface (UI) Widgets available in android. a) Linear Layout, Constraint Layout](#_Toc97818)

[b) TextView, EditText, RadioButton, Button, CheckBox, ToggleButton, Spinner Example: Develop an android application for login and registration screens………....](#_Toc97818)

**[Lab Session 05:](#_Toc97812)**  [Develop an android application to implement user interface by using different types of User Interface (UI) Layouts available in android.](#_Toc97812)

[a) Linear Layout, Constraint Layout](#_Toc97812)

b) TextView, EditText, SeekBar

Example: Develop an android application that prompts the user to cast the poll.

[**Lab Session 06:**](#_Toc97813) Develop an android application to implement user interface by using User Interface input control RatingBar available in android.

Example: Develop an android application that allows the user to rate an application.

[**Lab Session 07:**](#_Toc97813) Develop an android application to implement user interface by using User Interface (UI) or input controls available in android.

TextView, EditText, Button, SeekBar

Example: Develop an android application that sets various color code.

**[Lab Session 08:](#_Toc97812)**  [Develop an android application to implement user interface by using different types of User Interface (UI) Layouts available in android.](#_Toc97812)

[Linear Layout, Relative Layout,](#_Toc97812)

Example: Develop an android application that converts text to speech.

**[Lab Session 09:](#_Toc97814)** [Develop an android application to implement user interface by using Android Menus](#_Toc97814)

[Options Menu](#_Toc97814)

[**Lab Session 10:**](#_Toc97813) Develop an android application to implement user interface by using User Interface (UI) or input controls available in android.

DatePicker, TimePicker

Example: Develop an android application that prompts user to select date of birth.

**[Lab Session 11:](#_Toc97817)** [Develop an android application to implement multimedia components](#_Toc97817)

[a)Camera](#_Toc97817)

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ACADEMIC YEAR 2021-2022

17CS3652B MOBILE APPLICATION DEVELOPMENT LABORATORY ***CONTINUOUS EVALUATION REPORT***

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| Sl No | Date | Experiment Name | Pre-Lab  (5M) | In-Lab | | | | Post Lab  (5M) | Viva Voce (3M) | Total (30M) | Faculty Signature |
| LOGIC  (2M) | EXECUTION (5M) | RESULT (5M) | ANALYSIS (5M) |
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*(For Evaluator’s use only)*

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|  | Comments of the Evaluator (if Any) | Evaluator’s Observation  Marks Secured:\_\_\_\_\_\_\_ out of \_\_\_\_\_\_\_\_  Full Name of the Evaluator:  Signature of the Evaluator Date of Evaluation: | Signature of the Head of the Department |