

**SSN COLLEGE OF ENGINEERING
DEPARTMENT OF CSE
VII SEMESTER – CSE 'A' SECTION**

UCS1711 MOBILE APPLICATION DEVELOPMENT LAB

ACADEMIC YEAR: 2021-2022 (Odd)

BATCH: 2018-2022

Due Date: 27.7.21 & 29.7.21

Ex. No. 2 Simulation of a Keyboard

Create an Android mobile application which simulates a virtual keyboard.

- a. A Textview (multiple lines) to display the typed content.
- b. Use Grid Layout.
- c. Design the keyboard similar to Fig. 1.



Fig. 1

- d. On press number key display Fig. 2.



Fig. 2

- e. On press each symbol, display the corresponding character in the textview.
- f. On press enter, move to newline in textview.

g. On press backspace, erase a character in the textview.

Additional Points:

On press Up arrow, toggle between uppercase and lower case letters.