

East West University
Department of Electrical and Electronics Engineering
EEE 302

Project name : LCD gaming using a joystick

Sec : 01

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Components:

1. Arduino Uno
2. LCD display
3. Breadboard
4. Wires
5. Joystick module
6. Resistance (330 Ω)
7. Potentiometer (10K)
8. +5V battery

Cost of the project:

Components	Price (TK)
Arduino Uno	900
LCD display	300
Breadboard	100
Wires	100
Joystick module	100
Resistance (330Ω)	20
Potentiometer (10K)	30
5V battery	50
Estimated total cost	1600

Project goals:

The main goal of the project is to build a game for a below 6 year old child. The game will be designed as microprocessor based android game. With the help of this game a child will be able to response quickly according to the stage to the game. In this game a character needs to survive from different obstacles, if not then the game will end. Gamer needs to survive the character to continue the game.