2.3 Function Clustering

Table 1. Figure of Clustered Function tree.

METAL MAZE LABYRINTH

INDICATION FOR START AND FINISH

CREATE A CIRCUIT WHERE METAL BALL ACTS AS KEY

SUPPLY CURRENT

MOVEMENT OF MAZE

MAZE SHOULD BE CONNECTED TO THE MOTORS

MOTORS ARE CONTROLLED BY CONSOLE

Communication for the motors

Arduinos are the PCB’s used .

Motors are connected to the PCB’s.

2.3.1 Sub Systems Identified

1. Indication for start and stop.

2. Movement of Maze.

3. Communication for the motors.