**Student Name:**

**UID:**

**Date of Performance:**

**Branch: Section/Group:**

**Subject Name**

**Aim**

**Design a home appliance control system with 3-to-8 decoder.**

**Task to be done**

*(Objective of the task to be explained)*

**Requirements**

*(Hardware and software requirements)*

**Circuit diagram/ Block diagram**

*(Insert circuit diagram here)*

**Simulation Results:**

*(Insert simulation results )*

**Concept used**

*(Point out the concepts used in order to design the solution)*

**Learning/ observation**

*(Observations made during the experiment and learnings for future reference)*

**Troubleshooting**

*(Problems encountered and how did you solved those)*