**INTERNSHIP REPORT**

**1. INTRODUCTION:**

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**2. OVERVIEW OF THE INTERNSHIP:**

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

**3. DAY - BY - DAY SUMMARY**

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

**4. PROJECTS:**

**I. XXXXXXXXXXXXXXX:**

Objective:

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

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Components Used:

* XXXXX
* XXXXX
* XXXXXX
* XXXXXXXXX
* XXXXXXXXXXXXXX
* XXXX
* XXXXXX
* XXXXXXXXXXXXXXXXXXXXX
* XXXXXXX
* XXXXXXXXX

Simulation Software:

* XXXXXXXXXXX

Outcome:

* XXXXXXXXXXXXXX.
* XXXXXXXXXXXXXXXXXXXXXXXXXXX.

Processes:

* XXXXXXXXXXXXXXXXX
* XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
* XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
* XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Circuit Diagram: Simulation:

Output:

Challenges:

* XXXXXXXXXXX
* XXXXXXXXXXXXXXX
* XXXXXXXXXXX

**5. CONCLUSION:**

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX