

Internship Weekly Report

WEEK-1

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Company:	CopperCloud IoTech
Project Guide:	Prof. SA Khandekar
Industry Mentor:	Yogesh Yewale
Domain:	Internet of Things (IoT)
Problem Statement:	Power IoT device off-grid, outdoors.
Internal Mentor Comment:	Very Good. Best of Luck!
External Mentor Comment:	Good Work, focus more on core stuff regarding LiPo battery and Power Budgeting only for this week.
Technology/Equipment:	<ul style="list-style-type: none">• AWS Cloud Database• MySQL• LiPo Charge Controller• Solar Cell• MQTT/JSON
Expected Outcome:	<ul style="list-style-type: none">• Design LIPO battery charging system• Power budgeting and Management• Communication protocol between IoT Embedded Device and Cloud• Relational Databases• Agile methodology