



Google

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## Mid Checkpoint Report

## Bangkit 2023 Product-based Capstone

**Project Name** : TerraTech - [Solar pump monitoring application using with IoT and sky images]

**Team ID** : C23-PC631

**Team Member** :

- (ML) M148DSY2109 – Ayu Medina Prameswari [Active]
- (ML) M346DKX413 – Muhammad Rizki [Active]
- (ML) M282DSX2308 – Rafki Afza Amri [Active]
- (CC) C330DSX2391 – Afrido Surietno Siringo-Ringo [Active]
- (CC) C055DSX1931 – Naufaldo - [Active]
- (MD) A181DSX2450 – Javier Bintoro - [Active]

### **Project Schedule (based on project plan):**

This is our project schedule :

<https://docs.google.com/spreadsheets/d/18F6KaLI-8TwZLtx5p6ufWRUGwsrYubTW/edit?usp=sharing&ouid=111956175502945431338&rtpof=true&sd=true>

### **Project Progress Description:**

What progress/task has been done/completed

- Research (BMC, Problem survey, Business things, Sustainability, Upcoming features, Target Persona/market, etc), TerraTech Roadmap, Architecture Cloud, Database, Installation of IoT, Git Repository, Data Preparation, Training and Modelling Data, Program Tools, Prototype Application/UI Design for Android, UseCase, PPT GoTo Market, Design Website.

What progress/task on progress

- Connect ML to GCP, Design PPT, Layout and function app, ERD, website coding.

What progress/task not started yet

- Make and edit Video, Testing with Postman for Cloud Computing, Testing for Machine Learning, Testing for Mobile Development

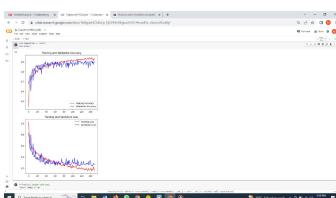
**If the complete capstone is 100%, tell us how many percent of your group's project has been completed? Please describe the reason for your percentage.**

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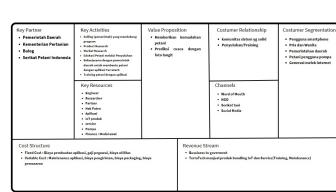
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Our progress averages 80%, our MVP for this capstone is almost done and we only need to connect the IoT to the apps, and now we works on design editing for PPT and video concept. Please attach your supporting evidence.

**ML:**



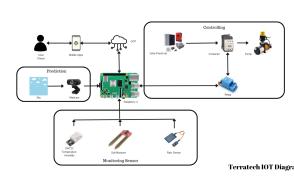
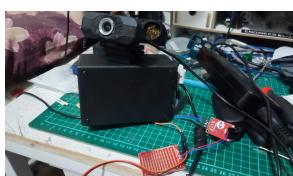
**PPT:**



**MD :**



**IOT:**



**CC :**

