**Project Chetana - Daily Progress Report**

**Date:** March 30, 2025

**Report Start Date:** March 30, 2025

### **📌 Overall Progress Summary**

* All required hardware components have been ordered.
* Hardware testing is scheduled to begin on **Tuesday, April 1, 2025**.
* Individual PR (Project Responsibility) documents have been signed by all team members.
* GitHub file structure has been finalized and shared with the team.
* Daily reporting has officially started from today.

### **📅 Today's Updates (March 30, 2025)**

* Finalized and shared the **GitHub repository structure** for the project, including backend, frontend, edge-device, and AI/ML components.
* Ensured that all team members have received and acknowledged their individual **Project Responsibility (PR) agreements**.
* Reviewed the list of ordered hardware components and confirmed expected delivery dates.

### **📆 Next Steps (March 31 - April 1, 2025)**

* Conduct an initial team sync-up to confirm responsibilities.
* Start setting up local development environments for all team members.
* Prepare a **hardware testing plan** for structured testing once components arrive.
* Assign tasks for AI/ML data pipeline setup and EEG signal preprocessing.

### **🛠 Challenges & Risks**

* Potential delays in hardware delivery due to location constraints.
* Ensuring compatibility between **EEG sensors and Raspberry Pi Zero W**.
* Synchronization between different modules (**AI/ML, IoT, and Web Dashboard**).

### **✅ Action Items for Tomorrow (March 31, 2025)**

1. Cross-check delivery updates for hardware components.
2. Begin setting up **backend and frontend repositories** on GitHub.
3. Assign initial tasks for **sensor integration and AI/ML model research**.

**Prepared by:** Team Chetana

**Status:** 🚀 On Track

This report will be updated daily to track progress and ensure timely execution of tasks.