Basic Details of the Team and Problem Statement

Ministry/Organization Name/Student Innovation: Ministry of environment

PS Code: SIH1390

Problem Statement Title: Pro Planet Person App

Team Name: The Innovatologists

Team Leader Name: Tharun Karthick T

Institute Code (AISHE): C-16614

Institute Name: RMK Engineering College

Theme Name: Clean and Green Technology

SMART INDIA HACKATHON 2023
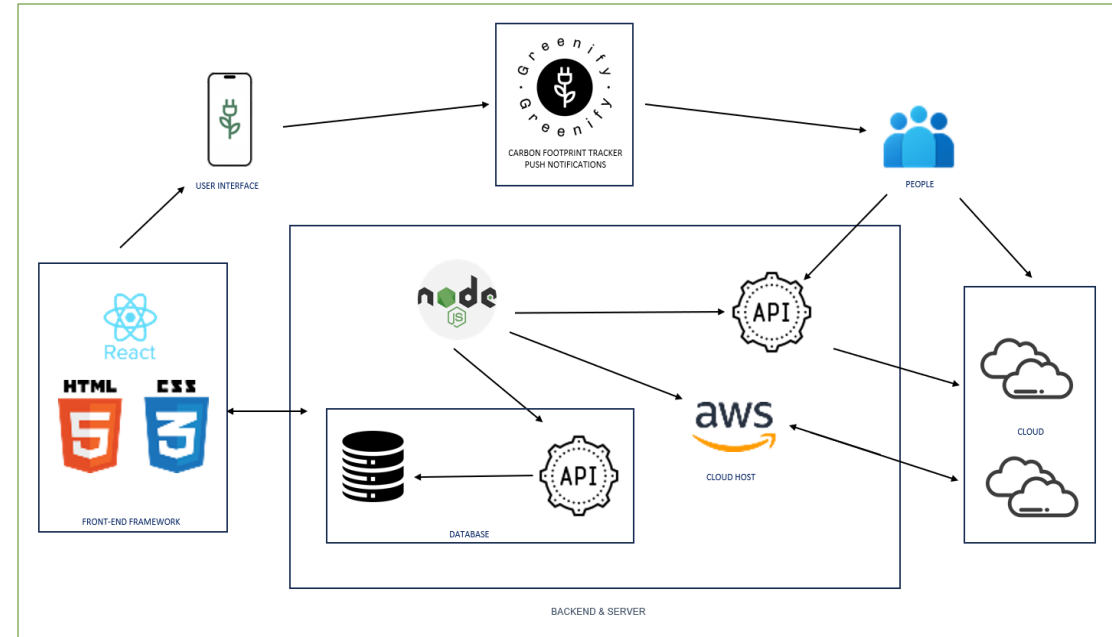
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Idea/Approach Details

IDEA/SOLUTION:

Creating an App to a lifestyle for combat climate change.

- ❖ Foster a pro-planet ethos through user-driven social and environmental concern sharing.

- ❖ Users earn eco credits for eco-friendly actions, redeemable as coupons/vouchers.

- ❖ Social community for discussions; submit emergency issues through point purchase.

- ❖ Collaborations with authorities aid issue resolution, fostering a greener world.

PRODUCT STATUS:
   75% of the product has been built and we're working on cloud end. Testing and Validation yet to be undergone.

TECHNOLOGY STACK:

- ➢ **React Native -** Mobile Application.

- ➢ **Node.js -** Server management.

- ➢ **MongoDB** - Database.

- ➢ **Firebase Cloud Messaging –** Push Notifications.

- ➢ **AWS -** Cloud Hosting.

Idea/Approach Details

- **Ecological Issue Rectification:** Address specific ecological problems and implement sustainable solutions to mitigate environmental problems.
- **Soil-Sapling Matching:** Analyze soil for ideal tree selection and plant matchable saplings with right soil condition.
- **Ecological Innovation Promotion:** Identify the Eco innovation ,raise awareness, show practical applications through community.
- **Global Ecological Day Celebration:** Organize events for global ecological awareness and fostering a commitment to environmental preservation.

- Establishing **Collaborative Partnerships** with Organizations and Government Entities
- Implementing a **In app - Coin Collection** Initiative for Daily Engagement in Ecological Conservation Activities
- Creating a **Tech - Enhanced Community** for Eco-Enthusiasts to Foster Interactive Ecological Development.
- **Smart Greenify-** *Stay Cool, Save Energy*! Our app tracks the temperature and reminds you to turn off the AC when it's already comfortable outside.

CHANNELS: Govt. Portals , Organizations etc.

Revenue Streams: Service based model

Team Member Details

Team Leader Name : THARUN KARTHICK T

Branch : BTECH   **Stream : IT**   **Year : II**

Team Member 1 Name : VIGNESHWARAN N

Branch : BTECH   **Stream: IT**   **Year : II**

Team Member 2 Name : VIKRAM S

Branch : BTECH   **Stream : IT**   **Year: II**

Team Member 3 Name: RUBA KRISHNA S

Branch : BTECH   **Stream : IT**   **Year : II**

Team Member 4 Name : SHAHANA V

Branch : BTECH   **Stream : IT**   **Year : II**

Team Member 5 Name : T.MOUNISH ANIRUTH

Branch : BTECH   **Stream :   IT**   **Year : II**

Team Mentor 1 Name: Dr. Jaya Prakash

Category   Academic   **Expertise : DBMS**   `   **Domain Experience (in years): 7**

Team Mentor 2 Name: Type Your Name Here

Category Industry: **Expertise (AI/ML/Blockchain):**   **Domain Experience (in years):**