



Basic Details of the Team and Problem Statement

Ministry/Organization Name/Student Innovation: Ministry of Environment

PS Code: SIH1392

Problem Statement Title: E-Waste facility locator

Team Name: TechGeeks

Team Leader Name: Gursidak Singh

Institute Code (AISHE):

Institute Name: Chandigarh Engineering College, Mohali

Theme Name: Smart Automation

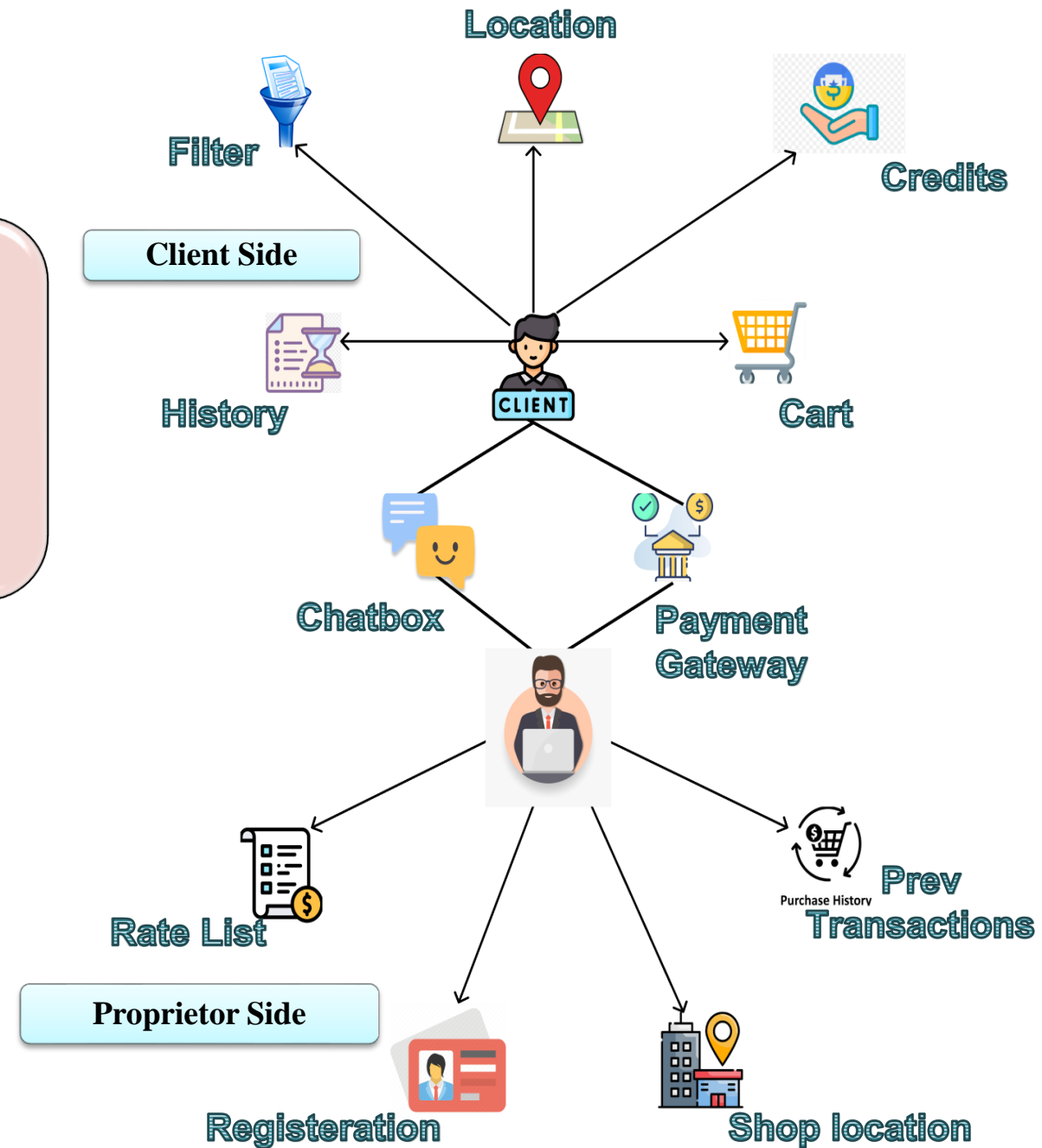
Idea/Approach Details

Ideas to tackle this issue

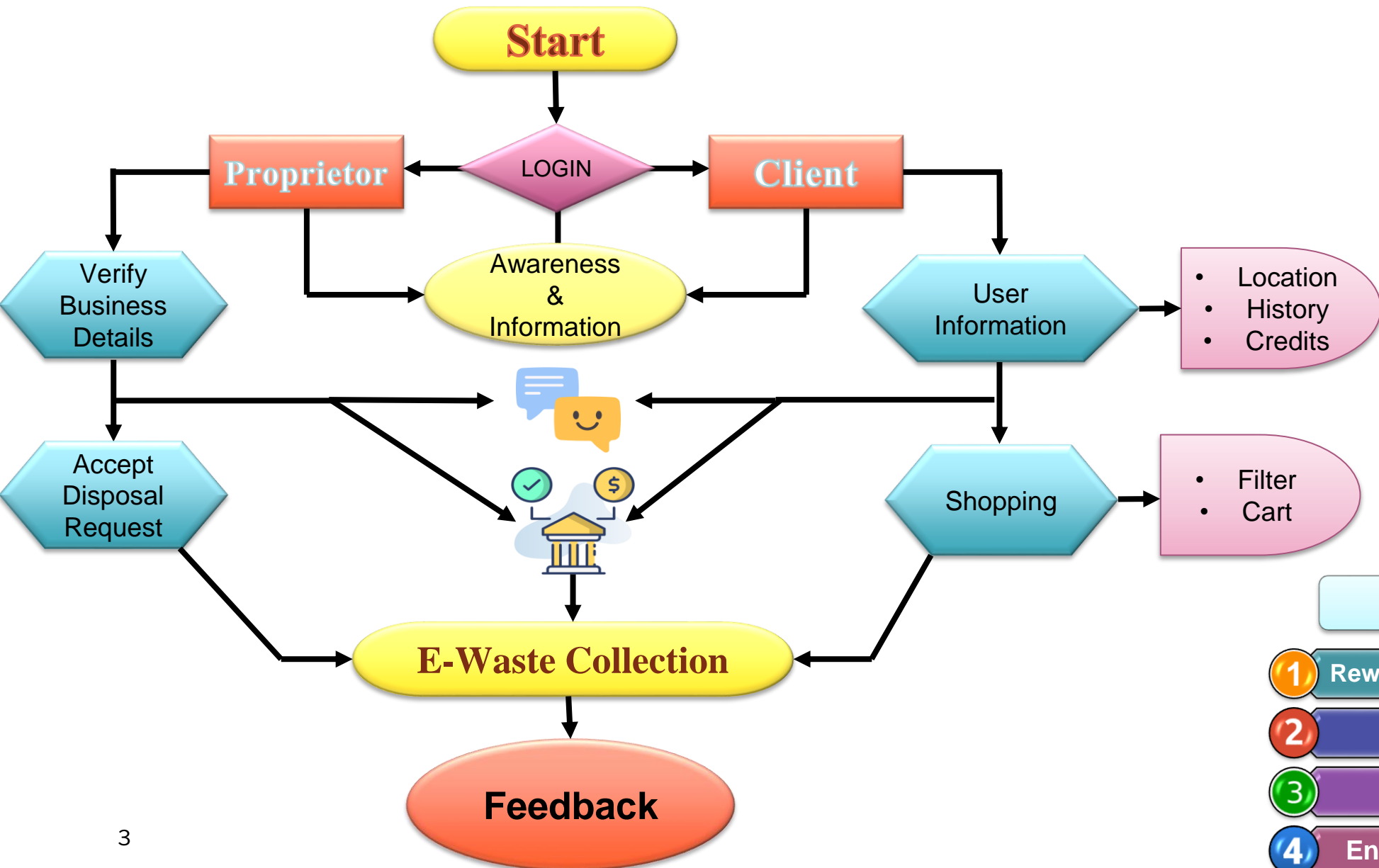
- Bridge gap between users and e-waste facilitators
- Raise awareness about e-waste harms and proper disposal
- Locate nearest e-waste collectors
- Redeem credit points on e-commerce websites

Technology Stack:

- Programming Language – React Js
- Database – MySQL
- Backend – PHP
- Geo-location API
- Figma - UX



Idea/Approach Details



Dependencies

- API Integration
- Hosting a server infrastructure.
- Payment gateway.
- User authentication and security.
- Web development framework
- Database management.

Show Stoppers

- Rewards for Responsible Disposal.
- Negotiable Deals.
- Cross-Platform Benefits.
- Environment Impact Tracking.

Team Member Details

Team Leader Name: Gursidak Singh

Branch : B.Tech

Stream : IT

Year : III

Team Member 1 Name: Anish Roy Choudhury

Branch : B.Tech

Stream : IT

Year : III

Team Member 2 Name: Aryan Gupta

Branch : B.Tech

Stream : IT

Year : III

Team Member 3 Name: Garima Verma

Branch : B.Tech

Stream : IT

Year : III

Team Member 4 Name: Ashish Pal

Branch : B.Tech

Stream : IT

Year : III

Team Member 5 Name: Chinmay Verma

Branch : B.Tech

Stream : IT

Year : III

Team Mentor Name: Dr. Amanpreet kaur

Category (Academic/Industry): Academic

Expertise (AI/ML/Blockchain etc): Cloud Computing

Domain Experience (in years): 10 yrs