PROJECT PLAN DOCUMENT

(Due: 31st January, 2024)

Project number	***33***
Project Title	***Computer Vision Application for Real-time Multi modal Product Detection***
Document	Project Plan
Creation date	***30/1/24***
Created by	***Badarla Rohan Naidu***
Client	***Chaitanya Sagar, Perceptive Analytics Ltd.***

Brief problem statement

Many struggle to utilize advanced computer vision (CV) algorithms for product detection due to technical complexities and lack of user-friendly interfaces. To address this, we propose developing a mobile app that interfaces with powerful CV algorithms, offering still image recognition and real-time video analysis. Leveraging cloud computing, our solution aims to provide swift and accurate results directly to users' mobile devices. The product at the end of the project would be a user-friendly app with robust app architecture and delightful UI.

Team Members

- **Aanvik Bhatnagar** – Developer
- **Chetan Mahipal** – Developer
- **Rohan Shridhar** - Developer
- **Badarla Rohan Naidu** - Developer
- **Rohan Rathee** - Developer

Team Communication

- Regular communication about the project is going in slack. Sharing of files is being done in Dropbox.

- Project meetings with clients are held thrice a week (Monday, Wednesday, Friday) regarding any queries and suggestions.
- The team meets among themselves when required.

Development Environment

- Expo Go – Running interface
- React native - Frontend
- Nodejs- Backend
- Flask - Backend
- GitHub – Source code management

Milestone Schedule

Milestone	Due Date	Release	Deliverable?
Create Draft requirements	25/2/24	R1	Yes
Finalize requirements	28/2/24	R1	Yes
Set up mobile app structure	20/2/24	R1	Yes
Frontend development of mobile app	10/3/24	R1	Yes
Backend development of mobile app	10/3/24	R1	Yes
Initial Release	18/3/24	R1	Yes
Real time testing	28/3/24	R2	Yes
Test Stability	30/3/24	R2	Yes
Improvements		R2	Yes
Final release		R2	Yes