**Annexure I**

**Monthly Progress Report**

**Title of the Project**: AI-Based Model for Driver Booking System

**Brief summary of work done till date**: The project is fully functional but requires further refinements to enhance the accuracy of backend.

**Work plan for next month**: Need Some work in backend.

**Outcome of the Project** The SmartDriver tackles many major issues by improving authenticity, security, efficiency, and user experience which lacks in many existing society managements systems, and most importantly it solves the problem of old-age people, intoxicated and disabled people who still don’t have any trustworthy online platform which could provide them driver-on-demand facility and maintains their needs. The proposed system guarantees data privacy and safety by putting robust authentication methods in place, such as OTP verification, JWT-based login systems and KYC verification for drivers the platform ensures seamless ride bookings, real-time driver tracking, secure payments, feedback option and user safety features. Additionally, real-time tracking using Google Maps API and WebSockets must be optimized to avoid location inaccuracies which eventually results in late arrival of driver to the user’s location. Driver’s vehicle verification provides an extra layer of authenticity which is very important when old-age and intoxicated are your prime users.

Signature of Supervisor