This Agreement ("Contract") is made and entered into as of [date] by and between **A Admirals Group, INC.**, ("Client") located in Houston, Texas, and TooTech Agency. This Contract outlines the terms, scope, and deliverables for developing a passenger transportation web and mobile application for connecting limousine chauffeurs with passengers in multiple regions, both domestically and internationally.

Definitions

- **Project:** Refers to the website and mobile applications developed under this Contract.

- **Limo Service:** Transportation services offered exclusively by limousine companies and operators.

- **Customer:** A person or business entity booking the service for personal or third-party use.

- **Passenger:** The individual or group leader receiving transportation services.

- **Partner:** Affiliate businesses providing transportation services, and managing chauffeurs, and vehicles.

- **Chauffeur:** A driver affiliated with the Partner, holding a valid license for passenger transportation.

- **Super Admin:** The central administrator with full platform control.

- **Staff Member:** Individuals assigned specific roles within the platform (e.g., Regional Admin, SEO Agent, Dispatcher).

- **Service Categories:** Includes Airport Transfers, City Point-to-Point, Hourly/Full-Day Hire, and City-to-City Long Distance Rides.

Project Final Deliverables

The Developer agrees to deliver a fully functional platform for **web and mobile applications**, designed to serve both customers and business partners with the following detailed components:

1. Customer Web Application

A responsive web platform providing customers with a seamless booking experience and user account management.
Key Features:

- **User Registration and Profile Management:**

  o Create accounts with secure credentials or via Google account, or social media login (Facebook, Instagram, X, TikTok).

- o Add personal information: name (as per ID), date of birth, email, gender, and payment methods (credit/debit cards, Apple Pay, Google Pay).
- o Manage billing and pickup/drop-off addresses.
- o Enable booking for third parties.

- **Booking Services:**
  - o Choose service categories: Airport Transfer, Entire City (Point-to-Point), Hourly/Full-Day Hire, City-to-City Long Distance.
  - o Instant booking or scheduled rides for future dates.
  - o View and select available vehicles in real-time.
  - o Option to book multiple vehicles simultaneously.

- **Trip Management:**
  - o Confirm trip details, track ride in real-time, and review trip history.
  - o Add stops and provide special instructions for scheduled services.
  - o Generate trip reports and export them in Excel or PDF formats.

- **Payment Processing:**
  - o Confirm estimated charges before booking; final charges are calculated based on actual trip distance and time.
  - o Add gratuity for chauffeurs directly through the platform.

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2. Partner Web Application

A dedicated portal for business partners (affiliates) to manage their operations and vehicle inventory.
Key Features:

- **Partner Account Management:**
  - o Register businesses with official credentials (legal name, DBA, entity type, tax ID, business address, and supporting documents).

- **Vehicle and Chauffeur Management:**
  - o Add/edit vehicles with details like make, model, year, capacity, amenities, and documentation.
  - o Add, activate, or deactivate chauffeurs, uploading their profiles and licenses.

- **Booking Management:**
    - Accept or reject pre-scheduled bookings within a defined timeframe.
    - Assign accepted bookings to chauffeurs and monitor their progress.
- **Reporting and Analytics:**
    - View completed, ongoing, and upcoming trips.
    - Generate monthly performance reports and export them as PDF or Excel files.
- **Role-Based Access:**
    - Enable multi-user access within the partner's organization (e.g., Account Manager, Chauffeur roles).

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3. Mobile Applications

Developed with **Flutter** to provide cross-platform compatibility for iOS and Android.
Key Features:

Customer App:

- All functionalities of the web application are tailored for mobile.
- Intuitive design for Viewing and selecting available vehicles in real-time.
- quick bookings and trip tracking on the go.

Chauffeur App:

- Profile management and scheduling of availability.
- Real-time notifications for instant and pre-scheduled trips.
- Trip management tools: start, end, and update trip status.
- Ability to rate passengers post-trip.
- Notifications for pre-scheduled trips, including an alert an hour before pickup time.

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4. Super Admin Dashboard

A centralized platform for managing the entire system.
Key Features:

- Comprehensive user, partner, and chauffeur management.
- Role-based access for staff (Regional Admins, SEO Agents, Dispatchers).

- Configuration of pricing, commission rates, and service parameters.

- Performance monitoring and quality control tools.

- Advanced reporting with options to export or print data.

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5. Regional Admin, SEO Agent, and Dispatcher Dashboards

Specific dashboards for staff roles with defined functionalities:

- **Regional Admin:**

    o   Manage region-specific pricing, partners, and chauffeurs.

- **SEO Agent:**

    o   Optimize content for search visibility within the admin interface.

- **Dispatcher:**

    o   Assign and monitor real-time trip operations.

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6. Backend Infrastructure

- **APIs:** Secure and scalable RESTful APIs for integration with frontend components.

- **Database:** A PostgreSQL database optimized for user data, bookings, and operational management.

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7. Real-Time Communication Tools

- Integrated with **Socket.io** for live ride tracking and instant notifications for booking updates.

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8. Mapping and Navigation Integration

- Powered by **Google Maps API** for geolocation, route optimization, and trip tracking.

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9. Payment Gateway Integration

- Secure payment processing using **Stripe**, **Apple Pay**, and **Google Pay**.

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10. Deployment and Hosting

- Deployed on **AWS Cloud Infrastructure** for scalability and security:
    - Can be AWS Amplify, or EC2 for servers, S3 for file storage, and RDS for database hosting. (Need the developer recommendations for the best hosting scenario)

Project Phases:

Phase 1: Project Initiation

- **Finalization of requirements, user roles, and wireframes.**

Phase 2: Development

1. **UI Design customer, and partner Web, dashboard, and customer, and chauffer mobile application.**
2. **Responsive customers, partner webs, and dashboard.**
3. **Customer, and chauffer mobile applications (Android, and IOS).**
4. **Backend: API integration and database setup.**

Phase 3: Testing & Deployment

1- **Load testing of all project parts**
2- **UAT (User Acceptance Testing)**
3- **Deployment on AWS infrastructure.**

Phase 4: Post-Deployment Support

- **Six months of maintenance and bug fixes.**

Project Timeline and Cost Breakdown:

Phase	Deliverables	Timeline	Cost (USD)
Phase 1: Project Initiation	Finalization of detailed requirements, user roles, and wireframes.	6 weeks	$5000
Phase 2: Development			
1. UI Design	Design for customer and partner web, dashboards, and mobile applications (customer and chauffeur).	8 weeks	$5000
2. Responsive Webs & Dashboard	Development of responsive customers' and partners' websites, and admin dashboard.	14 weeks	
3. Mobile Applications	Development of customer and chauffeur apps for Android and iOS.	14 weeks	$11000
4. Backend Development	API integration, database setup, and backend functionality.	14 weeks	

Phase	Deliverables	Timeline	Cost (USD)
Phase 3: Testing & Deployment			
1. **Load Testing**	**Load testing for 15 days.**	weeks	
2. **User Acceptance Testing (UAT)**	**UAT for all platform components for 15 days.**	weeks	**$3000**
3. **Deployment**	**Deployment on AWS infrastructure, including server setup and optimization.**	week	**$2000**
Phase 4: Post-Deployment Support	**Six months of maintenance and bug fixes.**	Ongoing	Undefined

- **Total Cost: $26000**
- **Total Duration: 28 weeks**

Payment Procedure:

You have to pay 70% of the total amount (approximately $18,200) before the project is delivered. This can be divided into monthly installments of approximately $2,600 over the 7-month project duration. After the project is delivered and the testing period is completed, you will need to pay the remaining 30% (approximately $7,800).

Technologies Will be Used in the Project:

Category	Technology	Purpose
Frontend Development	**Next.js**	Building a fast, SEO-optimized, server-rendered web application.
	Flutter	Cross-platform mobile app development for iOS and Android, ensuring a consistent user experience.
Backend Development	**Node.js with Express.js**	Creating RESTful APIs and real-time functionalities with scalability and performance.
Database	**MySQL**	Reliable relational database for handling transactional data.
Real-Time Communication	**Socket.io**	Enabling real-time ride tracking and bidirectional communication.
Maps and Navigation	**Google Maps API**	Providing geolocation, route optimization, and real-time tracking capabilities.
Payment Gateway	**Stripe**	Supporting secure online and in-app payments, refunds, and subscriptions.
Cloud Hosting & Deployment	**AWS Amplify**	Hosting and managing the frontend (Next.js) and backend (APIs) with CI/CD pipelines.
	AWS Services (S3, RDS)	S3 for file storage and RDS for PostgreSQL database hosting.
Containerization &	**Docker &**	Ensuring environment consistency and managing

Category	Technology	Purpose
Orchestration	Kubernetes	scalable containerized applications.
DevOps and CI/CD	GitHub Actions	Automating testing, building, and deployment pipelines.
Monitoring & Analytics	Datadog	Comprehensive stack monitoring and performance analytics.
Security	OAuth 2.0 & JWT	Secure user authentication and API communication.
	Cloudflare	Protecting against DDoS attacks and improving site performance.
Development Workflow	Git & GitHub	Version control and repository management for collaboration.
	Trello	Agile project management and workflow tracking.

Additional Parts and Notes:

1. Ownership: The source code, APIs, and all associated intellectual property will be handed over to An Admirals Group Inc upon project completion and %90 payment.

2. The developer will push the source codes of all project parts on A Admirals GitHub account.

3. The two parts of this agreement agreed to protect the sensitive business information of each and not to share any information with the competitors in the same industry.

4. Each deliverable should include detailed documentation for functionality and usage.

5. Technical support will be needed to fix errors, bugs, and critical problems that may occur after the post-deployment period, and technical support will be against monthly charges starting to pay after the post-deployment support period.