**Software Requirements Specification (SRS)**

**1. General Information**

* **Project Name:** Car Rental Website (Desi Cars)
* **Customer:** Desi Cars Company
* **Contractor:** —
* **Document Date:** 2025-09-28
* **Version:** 0.1 (Draft)

## 2. Project Goal

To create a public-facing website for the car rental business that allows customers to view available cars, make bookings, and access contact information and legal policies.

## 3. Project Description

The website will act as the main digital presence of Desi Cars, providing customers with a simple and user-friendly way to:

* View the fleet of available cars
* Make a booking directly online
* Access contact information
* Read company policies (privacy & rental policy)

## 4. Functional Requirements

### **4.1. Core Features**

* **Landing Page** – introduction to the company, main CTA to view cars and book
* **Booking Page** – booking form with necessary fields (dates, car selection, customer info)
* **Car View Page** – individual car view with photos, details, and "Book" button
* **Contacts Page** – phone number, address, map integration (optional)
* **Privacy & Policy Page** – company’s privacy and rental policies

### **4.2. Additional Features**

(Not in scope for initial version, to be defined later)

## 5. Non-functional Requirements

* **Performance:** Pages must load in < 2 seconds on average broadband connections
* **Reliability:** Hosting must ensure ≥ 99% uptime
* **Security:** Use HTTPS, protect forms against spam submissions
* **Compatibility:** Work correctly in modern browsers (Chrome, Firefox, Safari, Edge)

## 6. User Interface and Design

* **Main screens:** Landing, Booking, Car View, Contacts, Privacy & Policy
* **Color palette:** Orange (#EB5E1B) & White (#FFFFFF)
* **Branding:** Desi Cars logo must be included in the header and footer
* **Mockups:** To be designed later

## 7. Architecture and Technologies

* **Backend:** FastAPI
* **Database / Realtime:** Firebase
* **Frontend:** Jinja2 templates
* **Hosting:** UltaHost VPS.
* **Domain:** [desicars.us](http://desicars.us)

## 8. Implementation Stages

1. Drafting requirements (current stage)
2. Design and mockups
3. Development of core pages (Landing, Booking, Car View, Contacts, Policy)
4. Testing basic functionality
5. Deployment
6. Feedback collection and iteration

## 9. Timeline

* Project start: September 28, 2025
* First MVP release: TBD (est. 1–2 months)

## 10. Responsible Parties

* **Customer:** Desi Cars (Dallas, TX)
* **Contractor:** TBD

## 11. Acceptance Criteria

* All listed pages (Landing, Booking, Car View, Contacts, Privacy & Policy) are implemented
* Booking form is functional and stores requests in Firebase
* Website uses orange & white palette consistently
* Pages accessible via desktop and mobile browsers