

# MARKET PLACE BUILDER HACKATHON 3

## DAY 1 – LAYING THE FOUNDATION

### 1. PERSONAL THOUGHTS:

I am genuinely excited about participating in the ongoing **Marketplace Builder Hackathon**. This event feels like a golden opportunity to learn something incredible, push my boundaries, and gain hands-on experience in building real-world applications.

Initially, I was particularly drawn to creating an **E-commerce platform**, as it aligns closely with my interests and aspirations. However, I was selected to work on **Template 7**, which focuses on building a **Car Rental Website**. While it wasn't my first choice, I'm fully committed to giving my best effort to make it a success.

Over the next seven days, I will dedicate myself wholeheartedly to completing this project, ensuring it meets the highest standards. This challenge is not only about building a functional website but also about refining my skills, enhancing my creativity, and growing as a developer. I'm determined to make this journey count and create something I can be truly proud of.

### 2. MARKETPLACE TYPE:

My marketplace type is rental ecommerce a marketplace that focuses on rental products and opens up exciting possibilities for connecting people who need temporary access to items with those who can provide them. This model is particularly impactful in industries like car rentals, where it offers users the flexibility to access vehicles without the long-term commitment or costs of ownership.

In my case, I have chosen to create a platform specifically for **car rentals**. The idea is to display a curated selection of cars that users can browse, compare, and rent based on their needs. Whether someone requires a car for a weekend getaway, a business trip, or to fill in while their vehicle is being repaired, the website will serve as a one-stop solution.

### 3. TARGET AUDIENCE:

This marketplace will target the following audience.

- **Travel Enthusiasts** (Individuals or families planning vacations, road trips, or weekend getaways who need a convenient and flexible transportation option.)
- **Business Professionals** (Professionals traveling for work who require reliable vehicles for commuting or attending meetings and events.)
- **Students and Young Adults** (Students or young people who don't own cars but occasionally need one for specific purposes, such as moving or short trips.)
- **Temporary Residents** (Tourists, expatriates, or temporary residents in a city who need transportation during their stay without the commitment of purchasing a vehicle.)
- **Car Owners Needing Temporary Alternatives** (Car owners whose vehicles are undergoing maintenance or repairs and need a rental car to fulfill their daily commuting needs.)
- **Event Attendees** (People attending weddings, parties, or other events who want to rent a stylish or specific type of car for the occasion.)
- **Urban Residents Without Cars** (People living in urban areas where owning a car may not be practical or affordable but who occasionally need one for errands or trips.)

## **BUSINESS GOALS TO INTRODUCE THIS MARKET PLACE**

This marketplace is aimed at solving the problems mentioned below

### **4. PROBLEMS SOLVED BY THIS MARKETPLACE:**

#### **Lack of Access to Vehicles**

The platform provides a wide range of short-term rental vehicles, offering convenient access without the need for ownership.

#### **High Costs of Ownership**

Users can rent cars only when needed, avoiding the long-term financial burden of ownership.

#### **Limited Rental Options in Local Areas**

The e-commerce platform brings rental options online, allowing users to browse, compare, and book cars from the comfort of their homes.

#### **Inconvenient Booking Processes**

The website simplifies the booking process with an intuitive interface, instant confirmations, and streamlined payment methods.

#### **Difficulty in Comparing Rental Options**

The site centralizes all information, offering easy-to-use filters and comparison tools to help users make informed decisions.

#### **Uncertainty About Vehicle Condition and Safety**

The platform ensures transparency by providing detailed car descriptions, maintenance history, and customer reviews for peace of mind.

#### **Limited Flexibility for Short-Term Needs**

Flexible rental durations are available, catering to short-term needs or custom schedules.

#### **Lack of Customer Trust and Security**

The site incorporates secure payment gateways, transparent pricing, and verified car listings to build trust and reliability.

#### **Environmental Impact of Car Ownership**

By promoting a shared economy, the platform reduces the need for excessive car ownership, contributing to a more sustainable future.

# SCHEMA FOR MARKETPLACE

## CUSTOMER DETAILS

- ID (Unique Id)
- NAME (Faizan Suhail)
- EMAIL ([faizansuhail3@gmail.com](mailto:faizansuhail3@gmail.com))
- Phone no (923170350484)
- ADDRESS (xyz Sindh Pakistan)
- ORDER HISTORY (Has made any order before)

## PRODUCT DETAILS

- CAR ID (unique ID)
- CAR NAME (Civic)
- CAR BRAND (Honda)
- CAR MODEL (2024)
- CAR SPECIFICATIONS (4 people & 30 KM/ltr etc)
- CAR IMAGE (Image of the car selected by consumer)

## ORDER & PLAN

- DATE (Date when he/she wants to rent a car)
- DAY (Day when he/she wants to rent a car)
- TIME (Time when he/she wants to rent a car)
- DURATION (how long he/she wants to rent a car)

## PAYMENT

- PAYMENT ID (Unique ID)
- ORDER ID (Order ID)
- AMOUNT (Amount paid by consumers based on their selections)
- PAYMENT METHOD (Credit Card/ Debit Card/ Etc)
- PAYMENT DATA (When the payment has been made)

## REVIEWS

- REVIEW ID (Unique ID)
- PRODUCT ID (Products Unique ID)
- CUSTOMER ID (Customers Unique ID)
- RATING (Rating in number/stars)
- COMMENS/FEEDBACK (their thoughts about our service)

# DIAGRAM FOR MARKETPLACE

This Diagram Is Just For Understanding The Model. Details Are Already Mentioned In Schema Section

