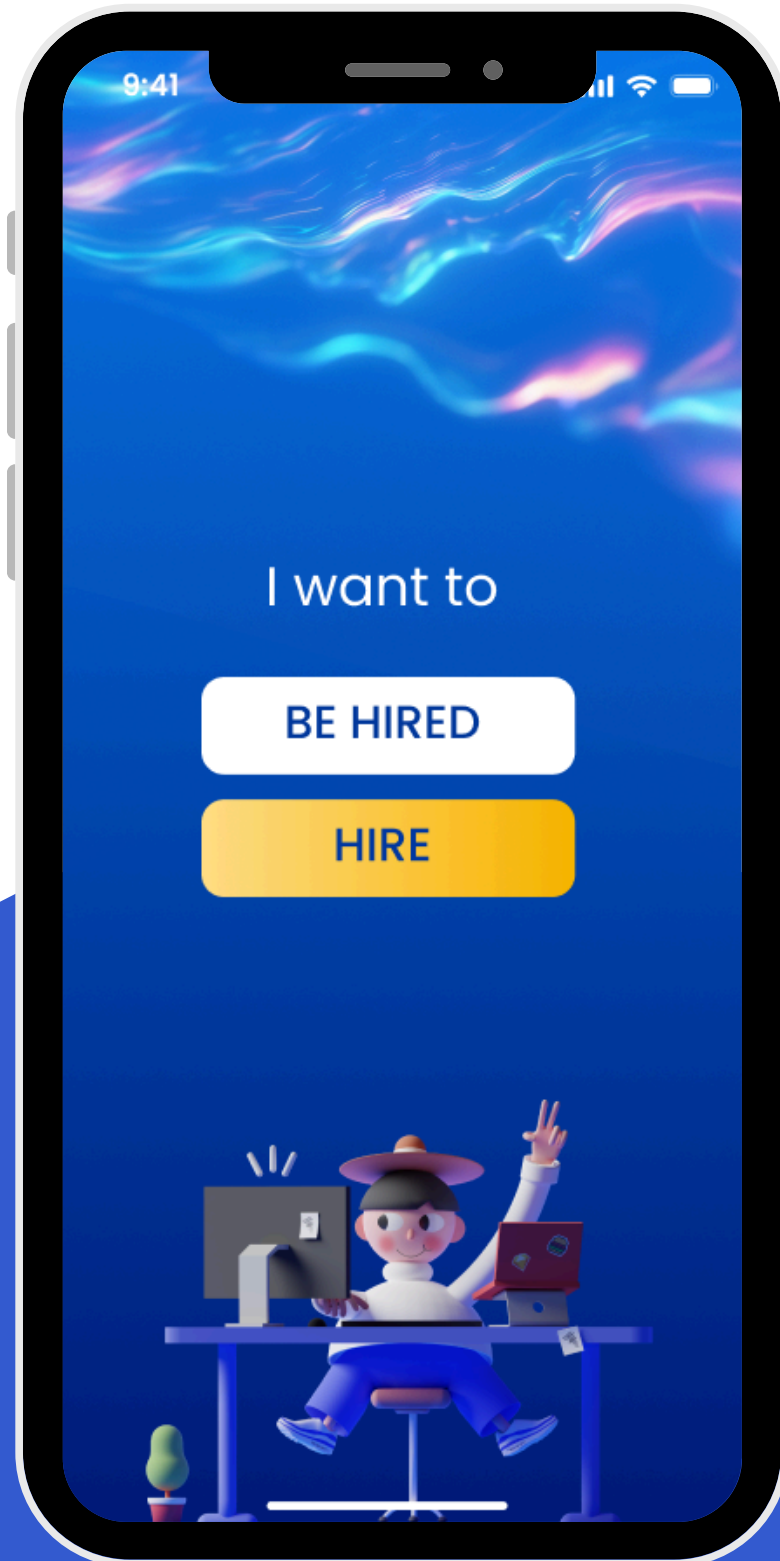


PHOTO HIRE

Develop a comprehensive platform that connects users with photographers and camera rental services.





Introduction

This project develops a platform connecting users with photographers and rental services through a mobile app using Flutter and Firebase. Users can browse photographer portfolios, view rates, communicate via in-app chat, and book services through secure payment gateways. Professional and Freelance photographers manage bookings and showcase portfolios, while camera rental stores list equipment for users and photographers.


Existing System

- **Separate Platforms:** Photographers and camera rental services are managed through different websites or apps.
- **Manual Booking Process:** Users must manually check availability and make bookings, often through email or phone.
- **Full Payment Required:** The user must settle the entire amount due in a single payment
- **Referrer Feedback:** Feedback is based on the reviews and testimonials provided by the people who referred them.

Drawbacks of Existing System

- **Complex Booking Process:** Users face a difficult process to find and book photographers or rental equipment, often involving multiple steps and separate communications.
- **Limited Payment Options:** Inconsistent support for payment gateways and lack of EMI options can create inconvenience and limit accessibility.
- **Inadequate Scheduling Tools:** Manual management of schedules and availability by photographers and rental stores can result in double bookings or unavailability issues.

Drawbacks of Existing System

- **Scattered Reviews and Ratings:** Users must visit different sites or platforms to read reviews and ratings, leading to a fragmented view of service quality.
 - **Difficulty in Comparing Services:** Users struggle to compare different photographers or rental stores due to the lack of a centralized platform with consolidated information.
 - **Manual Resource Management:** Photographers and rental stores manage their bookings and resources manually, increasing the risk of errors and inefficiencies.
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Proposed System

- **Integrated Platform:** Unified app for hiring photographers and renting equipment.
- **Portfolio Viewing:** Users can view photographers' portfolios directly within the app to make informed decisions.
- **Real-time Communication:** In-app messaging and notifications for instant updates.
- **Multiple Payment Gateways:** Support for Google Pay, Razorpay, Stripe, PayPal, with EMI options.
- **Time Slot-based Booking:** Users can book photographers and equipment based on available time slots or dates.
- **Map Overview:** Users are able to access photographers and rental stores nearby with the help of maps



Advantages of Proposed System

- **Streamlined Experience:** Single platform for all needs—photography and equipment rental.
- **Enhanced Communication:** Real-time chat and notifications.
- **Flexible Payments:** Multiple payment gateways and EMI options.
- **Efficient Booking Management:** Time slot-based booking and real-time updates.
- **Comprehensive Admin Controls:** Manage users, photographers, and rental stores effectively.


Modules

User Modules:

- **Profile Management:** Update personal details and manage preferences.
- **Photographer Search:** Find photographers using map and filters.
- **Browse Equipment:** Search and filter rental items.
- **Explore and Search:** Find photographers by viewing works of them in the explore tab
- **Real-time Chat:** In-app messaging with notifications.
- **Booking and Payment:** Time slot-based bookings, multiple payment gateways.
- **Reviews:** Rate and review services.
- **Push Notifications:** Updates on bookings and messages.
- **Booking History:** Manage and view past bookings.
- **Map Overview:** View services nearby


Modules

Photographer Modules:

- **Profile Management:** Update profile, manage availability, add pricings.
 - **Portfolio Management:** Upload and organize work.
 - **Explore and Learn:** View and follow other photographers.
 - **Appointment Management:** Manage bookings and availability.
 - **Analytics:** Track engagement and performance.
 - **Push Notifications:** Alerts for bookings and messages.
 - **Social Media Integration:** Link to social profiles.
 - **Browse Equipment:** Search and filter rental items.
 - **Reviews:** Rate and review rented equipment.
 - **Real-time Chat:** In-app messaging with notifications.
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Modules

Camera Rental Module:

- **Browse Equipment:** Search and filter rental items.
 - **Map Overview:** Locate rental stores on a map.
 - **Store Profile:** Manage store profiles and equipment listings.
 - **Booking and Payment:** Rent equipment based on availability, payment gateways.
 - **Rental History:** Track rental periods and deadlines.
 - **Push Notifications:** Updates for rental deadlines and availability.
 - **Real-time Chat:** In-app messaging with notifications.
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Modules

Admin Modules:

- **Management:** Approve and oversee users, photographers, rental stores.
- **Moderation:** Manage profiles, and content.
- **Reporting:** Generate analytics reports.
- **Transaction Management:** Handle payment issues and track transactions.
- **Support:** Manage user queries and disputes.
- **Notifications:** Send platform-wide updates.
- **Referrals:** Manage and track referral programs.

Hardware and Software Requirements

Hardware Requirements:

- **Processor** : i3 or above
- **System Bus** : 32bit or 64bit
- **RAM** : 8GB or Above
- **HDD** : 500GB or above

Software Specifications:

- **Operating System**: Windows 10 (32/64 bit)
- **Front End**: Flutter
- **Back End**: Flutter FireBase
- **IDE**: Android Studio

THANK YOU.
