



A PROJECT REPORT ON

Convenio (Mobile App)

Submitted in partial fulfilment for Degree of

MASTER OF COMPUTER APPLICATIONS

By

Mr. Abdullah A. Kazi

Mr. Aafan A. Kotawdekar

Under the guidance of

Prof. Harshada U. Salvi

(Department of MCA)

Mr. Rushikesh Patil

(Shreecore Financial Technology Private Limited)

Submitted to

FINOLEX ACADEMY OF MANAGEMENT AND

TECHNOLOGY, RATNAGIRI



**FINOLEX ACADEMY OF MANAGEMENT AND
TECHNOLOGY, RATNAGIRI**

**This is to certify that the project report titled:
Convenio (Mobile App)**

Submitted By:

Mr. Abdullah A. Kazi

Mr. Aafan A. Kotawdekar

In partial fulfilment of the award for degree of

MASTER OF COMPUTER APPLICATIONS

From Mumbai University

**And is the bonafide record of the work done by them during the
Semester IV of A.Y 2024-2025**

**Internal Guide
(Prof. Harshada U. Salvi)**

**HOD
(Prof. Tejas V. Joshi)**

**Principal
(Dr. Kaushal K. Prasad)**

CERTIFICATE OF APPROVAL

This is to certify that the project titled

Convenio (Mobile App)

Is the bonafide record of project work done by

Mr. Abdullah A. Kazi (_____)

Mr. Aafan A. Kotawdekar (_____)

This project is approved for the degree of

MASTER OF COMPUTER APPLICATIONS

Mumbai University

(Examiner)

ISO 9001:2015 Certified Company

SHRECORE FINANCIAL TECHNOLOGY PRIVATE LIMITED

CIN: U58201PN2023PTC224005

PAN: ABLCS6920N

UDYAM-MH-28-0044379

GST: 27ABLCS6920N1ZN

Ref. No. 06/25/102

Date: 19/06/2025

INDUSTRIAL TRAINING / INTERNSHIP

This is to certify that Mr. Abdullah A Karim Kazi (Registration No: A-23-0373), a student of Second Year MCA at Finolex Academy of Management and Technology, Ratnagiri, has successfully completed his internship at Shrecore Financial Technology Pvt. Ltd. as per the student's request for academic purposes.

The internship was carried out from 14 January 2025 to 15 June 2025, as part of his academic curriculum. During this period, Mr. Abdullah A Karim Kazi worked on a project titled **Convenio**.

Project Description: **Online home service booking mobile app**

For the duration of his internship, he was assigned an internal employee ID: SCFTCH/D/2508.

Mr. Abdullah exhibited a sincere attitude, disciplined work ethic, and eagerness to learn. He performed his tasks responsibly and contributed meaningfully to the assigned project. His behaviour and conduct were professional and praiseworthy.

We appreciate his efforts and wish him great success in his future academic and career pursuits.

Warm regards,



HR

Shrecore Financial Technology Pvt. Ltd.

Date - 19/06/2025



SHREE
TECHNOSOLUTION

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1st floor, Siddhivinayak City
Centre, Above Reliance Smart,
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ISO 9001:2015 Certified Company

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CIN: U58201PN2023PTC224005

PAN: ABLCS6920N

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GST: 27ABLCS6920N1ZN

Ref. No. 06/25/109

Date: 19/06/2025

INDUSTRIAL TRAINING / INTERNSHIP

This is to certify that Mr. Aafan Ashraf Kotawdekar (Registration No: A-23-0271), a student of Second Year MCA at Finolex Academy of Management and Technology, Ratnagiri, has successfully completed his internship at Shrecore Financial Technology Pvt. Ltd. as per the student's request for academic purposes.

The internship was carried out from 14 January 2025 to 15 June 2025, as part of his academic curriculum. During this period, Mr. Aafan Ashraf Kotawdekar worked on a project titled **Convenio**. Project Description: **Online home service booking mobile app**

For the duration of his internship, he was assigned an internal employee ID: SCFTCH/D/2507.

Mr. Aafan exhibited a sincere attitude, disciplined work ethic, and eagerness to learn. He performed his tasks responsibly and contributed meaningfully to the assigned project. His behaviour and conduct were professional and praiseworthy.

We appreciate his efforts and wish him great success in his future academic and career pursuits.

Warm regards,



HR

Shrecore Financial Technology Pvt. Ltd.

Date - 19/06/2025



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Acknowledgment

It is our prime duty to offer our sincere gratitude to University of Mumbai to include the internship project in syllabus of Final Year Master's Degree so as to develop interest about project and research work among the students like us.

We are grateful to Dr. Kaushal K. Prasad, Principal, Finolex Academy of Management and Technology for providing all the facilities of library.

We wish to express our sincere thanks to Mr. Tejas V. Joshi, Head of the Master of Computer Applications Department, for giving us the opportunity to complete the project work by providing facilities in the department and for providing valuable guidance to perform the task.

We are greatly obliged to Prof. Harshada U. Salvi, Assistant Professor in the Department of Master of Computer Application, who provided valuable and conceptual guidance throughout the project work and helped clear concepts about the project.

We would also like to thank Mr. Rushikesh Patil from Shreecore Financial Technology Private Limited for providing us with an excellent working environment and his readiness to assist whenever needed. His support has been invaluable to our success.

We sincerely thank our lab assistant Mr. Sukumar Birje for his exceptional support, dedication, and readiness to assist, which have greatly contributed to our efficient lab environment.

Last but not least, our special thanks to our parents, friends, and those who have encouraged and supported us.

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Abstract

The Convenio On-Demand Home Services App is designed to bridge the gap between users seeking household services and professional service providers. This mobile application offers a seamless platform where users can effortlessly browse, book, and pay for a wide array of home services, including plumbing, electrical work, cleaning, gardening, and more. By integrating features such as real-time booking, secure payment gateways, and user reviews, Convenio ensures a trustworthy and efficient service experience. Service providers benefit from increased visibility and access to a broader client base, while users enjoy the convenience of accessing multiple services from a single, user-friendly interface.

The app aims to revolutionize the traditional home service industry by leveraging technology to provide timely, reliable, and quality services at the fingertips of its users.

Introduction

The on-demand home services market in India has experienced significant growth, driven by factors such as increased smartphone penetration, affordable internet access, and a rising middle class. Traditionally, Indian households have relied on local service providers for tasks like cleaning, plumbing, and electrical work. However, issues related to quality, reliability, and punctuality have often been prevalent. The emergence of on-demand home service applications has transformed this landscape by offering users a convenient platform to connect with verified professionals for various household tasks. The Indian online on-demand home services market generated a revenue of USD 217.1 million in 2022 and is expected to reach USD 1,092.5 million by 2030, growing at a compound annual growth rate (CAGR) of 22.4% from 2023 to 2030.

This growth reflects the increasing consumer preference for accessible and efficient home services. Despite this upward trend, challenges such as ensuring the quality and reliability of service providers, addressing customer concerns, and managing the logistics of service delivery remain. Nonetheless, the market's potential continues to attract new entrants and investments, aiming to further streamline and enhance the home service experience for Indian consumers.

System Planning and Analysis

Feasibility Study

A feasibility study is an assessment of the practicality and viability of a proposed system or project. It helps determine whether the project can be successfully developed and implemented within the constraints of time, resources, and technology. For the Convenio – Home Services Booking App, the feasibility study covers several key areas:

1. Technical Feasibility:

Technical feasibility assesses if the available tools and expertise can support the project. Convenio uses Android Studio with Java, a reliable platform for Android development. Firebase and Supabase ensure a scalable backend, and the team's technical skills make the project technically sound and feasible.

2. Operational Feasibility:

Operational feasibility evaluates how well the system fits its intended environment. Convenio offers a user-friendly interface for easy service booking and allows admins to manage operations. As it addresses real-world needs, the app is practical and aligns with user and service provider expectations.

3. Economic Feasibility:

Economic feasibility assesses the project's cost-effectiveness. Convenio is affordable to develop using low-cost tools like Android Studio, Firebase, and Supabase. With minimal infrastructure needs and future revenue potential from commissions, subscriptions, or ads, it is financially sustainable.

4. Legal and Ethical Feasibility:

Legal and ethical feasibility considers whether the project complies with legal regulations and follows ethical standards. Convenio does not collect or use user data unethically. It adheres to Android's permission system for accessing sensitive information like location. Future versions can include clear terms of service and privacy policies to further ensure legal protection and ethical responsibility.

5. Scheduling Feasibility:

Scheduling feasibility determines whether the project can be completed within a reasonable and defined timeframe. For an academic or startup-level project, Convenio is realistically achievable within 8 to 12 weeks, including planning, development, testing, and deployment. A clear timeline with weekly milestones ensures that the project stays on track and meets deadlines effectively.

Requirement Analysis

- **Functional Requirements:**

1. For Admin (Web Portal):

- Admin can log in to access the dashboard securely.
- Admin can view all user bookings with full details.
- Admin can add, edit, or delete service categories.
- Admin can view and manage registered user data.
- Admin can manage Service Provider information.
- Admin can approve, cancel, or complete bookings.
- Admin can view analytics and reports (future enhancement).
- Admin can log out from the dashboard securely.

2. For User (Mobile App):

- User can register with name, email, phone, password, and address.
- User can log in using email and password securely.
- User can browse available home service categories.
- User can view detailed information for each service.
- User can book a service by selecting date, time, and address.
- User can view and manage current and past bookings.
- User can cancel or reschedule pending bookings.
- User can update their profile details.
- User receives notifications for booking status and updates.
- User can log out from the application securely.

- **Non-Functional Requirements:**

1. **Performance:** The app should load service listings and complete bookings within 2–3 seconds under normal network conditions.
2. **Scalability:** The system should be able to handle increasing numbers of users, services, and bookings without performance degradation.
3. **Usability:** The interface should be simple, user-friendly, and intuitive for users of all age groups.
4. **Security:** User data must be securely stored using Firebase Authentication and Supabase with encrypted communication (HTTPS).
5. **Availability:** The application should be accessible from 9:00am to 11:30pm, with minimal downtime during updates or maintenance.
6. **Maintainability:** The codebase and backend should be structured for easy updates and debugging as the app grows.
7. **Portability:** The app should work on all Android devices running Android 7.0 (Nougat) or above.
8. **Responsiveness:** The UI should adapt to various screen sizes and orientations (phones and tablets).

Existing System:

In developing the Convenio On-Demand Home Services App, a thorough system study is crucial to understand market trends, user needs, and technical requirements. It includes evaluating existing platforms, identifying service gaps, and aligning features with user expectations. This ensures the app effectively connects users with reliable service providers for a smooth and satisfying experience..

• Limitations of the Existing System:

1. The home services market is subject to rapid changes, including shifts in consumer behaviour and emerging competitors, which may affect the relevance of the study's findings over time.
2. Variations in user demographics and preferences make it challenging to create a single solution for all, often requiring multiple iterations and customizations.
3. Continuous technological innovations may introduce new tools and platforms that could render current system designs obsolete or less competitive.
4. Limited access to comprehensive data sources or reliance on outdated information can impact the accuracy of the analysis and subsequent decision-making.
5. Constraints related to budget, time, and expertise may limit the depth and breadth of the system study, potentially affecting the comprehensiveness of the findings.

Proposed System:

The proposed system for the **Convenio** On-Demand Home Services App is a comprehensive mobile application designed to seamlessly connect users with professional service providers for various household tasks. The platform aims to deliver a user-friendly experience by integrating features such as service browsing, booking, secure payments, and user reviews. This approach ensures that users can efficiently access reliable home services, while service providers gain a platform to expand their customer base and manage their offerings effectively.

Key Features and Improvements:

1. **Convenience:** Users can access a variety of home services through a single platform, streamlining the process of finding and scheduling assistance.
2. **Flexible Scheduling:** The app allows users to book services at their preferred times, accommodating individual schedules and enhancing user satisfaction.
3. **Secure and Easy Payments:** Integration of secure payment gateways facilitates hassle-free transactions, ensuring user confidence in the financial aspects of the service.

Scope:

The scope of the Convenio project includes designing, developing, and deploying a mobile app that allows users to book basic home services via their Android devices. It aims to connect service providers with users through a digital platform that simplifies scheduling for services like cleaning, electrical repairs, plumbing, and beauty care. The app targets urban and semi-urban users seeking on-demand solutions for their household needs.

The system includes three main user roles: customers, administrators, and service providers which is optional for future versions. Customers will have functionalities such as account registration, browsing service categories, booking services, managing their profile, viewing booking history, and receiving real-time notifications. The administrator will have access to a backend dashboard to manage service categories, monitor bookings, manage users, and oversee the operational flow. The backend is powered by Firebase handles secure authentication and user data protection.

The app is designed to be secure, user-friendly, and Android-compatible. While the initial version covers core booking and management features, it supports future additions like service provider logins, in-app payments, reviews, and chat. Web-based admin tools may also be added later to enhance efficiency. Convenio aims to be a reliable solution for home service booking.

Software Requirement and Specification

- **Hardware Requirement:**

For Development:

- Processor: Intel i5 or higher / AMD Ryzen 5 or higher
- RAM: Minimum 8 GB (16 GB recommended for smooth Android Studio performance)
- Storage: At least 100 GB free space (for IDEs, SDKs, emulators, and database tools)
- Display: 14" or larger monitor with 1920×1080 resolution
- Graphics: Integrated or dedicated graphics capable of running Android Emulator (optional if using a physical device)
- Internet: Stable broadband connection for SDK downloads, Firebase, and Supabase access.

For Mobile Device (User Side Testing):

- Operating System: Android 7.0 (Nougat) or higher
- RAM: Minimum 2 GB (4 GB recommended)
- Storage: At least 200 MB free space for the app

- **Software Requirements**

1. User Requirements:

Operating system	Android 7.0 or above
Service	Google Play Service
Internet connection	Required
App	Convenio (APK)

2. Developer Requirements:

Operating system	Windows 10 / 11
Programming language	Java
Web-technology	Android Studio
Back End	Firebase
Web server	Firebase / Supabase
Integrated development	Android studio

Estimation and Planning

Development Phases:

The Convenio project follows a structured Agile development life cycle, ensuring incremental progress, continuous user feedback, and flexibility to accommodate evolving requirements. The development is divided into clearly defined phases aligned with Agile sprints, enabling focused and iterative delivery of the app's key modules and features.

1) Requirement Gathering and Analysis

This phase focuses on understanding user and stakeholder needs like registration, booking, and profile management. Requirements are gathered, converted into user stories, and added to the backlog. Risk and feasibility are also assessed to ensure project viability.

2) System Design (Architecture, Database Design, Wireframes)

After finalizing requirements, a modular and scalable system architecture is designed. Technologies like Java, Firebase, and Supabase are used, with a relational schema for users, services, and bookings. Wireframes and UI mockups visualize user flows and key app features.

3) Development (Front-end and Back-end)

Development follows Agile sprints, using Android Studio with Java for the frontend and Firebase with Supabase for backend features. Key modules like booking, profiles, and admin dashboards are built iteratively with regular reviews.

4) Integration and Testing

In this phase, all modules are integrated and tested using both manual and automated methods, including unit, integration, and system testing. Key features like booking, profiles, and location services are verified, and issues are resolved during each sprint to ensure stability.

5) Deployment

After successful testing, the Convenio app is deployed on Android devices. This includes APK generation, backend configuration, and real device testing to ensure compatibility. The phase ensures smooth operation with minimal downtime in the live environment.

6) Maintenance and Updates

Post-deployment, the project enters the maintenance phase. User feedback is collected to address usability issues and identify potential improvements. Updates are planned to add new features such as in-app payment, real-time chat, and more. The system is also monitored regularly to fix bugs, enhance performance.

Timeline:

- Sprint 1: Project Setup and Backend Initialization (2 Weeks):

The first sprint focuses on laying the groundwork for a successful development process. The Android project is initialized in Android Studio, and version control is established using GitHub. Core tools such as Firebase (for authentication and for real-time backend database) are configured. The database schema is designed to support service listings, user accounts, and booking records. Basic architecture and folder structures are defined, ensuring that front-end and back-end development can proceed in parallel. This sprint ensures a stable foundation for future feature integration.

- Sprint 2: User Authentication and Service Listings (5 Weeks):

This sprint centers on implementing user access and basic service discovery. Firebase Authentication is used to enable secure user sign-up, login, and logout functionalities. Features like password encryption, session handling, and profile creation are added. Concurrently, modules for browsing available services are developed and connected to Firebase. Users can view service categories, provider details, and book appointments. Initial UI elements are implemented for smooth navigation, ensuring that users can interact meaningfully with the app in its early stages.

- Sprint 3: Booking System and Admin Dashboard (6 Weeks):

The third sprint focuses on building the core booking engine and admin-side functionality. Users can now schedule, cancel, or reschedule service bookings through the app. Integration with Google Maps API allows address auto-completion and location-based filtering. For admins, a basic web-based or mobile-accessible dashboard is developed using Supabase data to view and manage service listings, bookings, and user data. The dashboard allows the admin to approve, reject, or track service requests. Notifications and confirmations are added to enhance user communication and engagement.

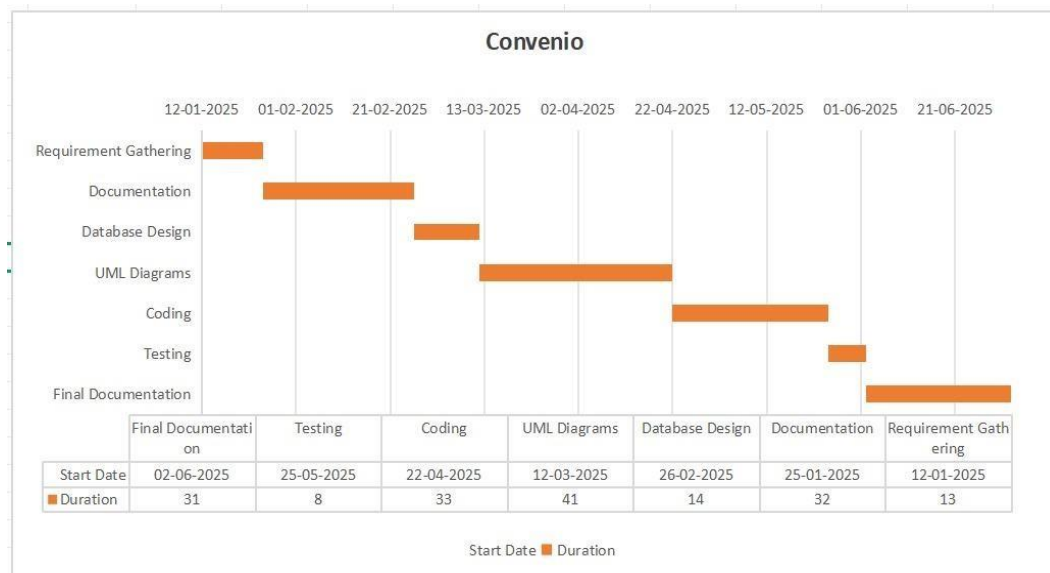
- Sprint 4: UI Polishing, Testing & Deployment (3 Weeks):

The final sprint focuses on refining UI/UX for improved accessibility and usability. Modern design principles are applied, and responsiveness across Android devices is tested. The app undergoes unit, integration, and user acceptance testing (UAT). Key workflows like login, service booking, and admin control are validated. Bugs are fixed, performance is optimized, and the sprint concludes with APK deployment and final documentation.

Resource Planning:

- Project Manager: 1
- Backend Developers: 2
- Frontend Developer: 2
- UI/UX Designer: 2
- QA/Testers: 2
- Support Teams :2

Gantt Chart:



Data Dictionary

- User Registration:**

Column name	Description	Type	Constraints
userID	Unique identifier for the user	INT	PRIMARY KEY
name	Full name of the user	STRING	NOT NULL
email	Email address of the user	STRING	NOT NULL
phone	Contact number of the user	STRING	NOT NULL
password	Encrypted password of the user	STRING	NOT NULL

- Address Table:**

Column Name	Description	Type	Constraints
addressID	Unique identifier for the address	INT	PRIMARY KEY
ownerID	Reference to the owner	INT	NOT NULL
ownerType	Type of owner (User or Provider)	STRING	NOT NULL CHECK (ownerType IN ('User', 'Provider'))
street	Street address	STRING	NOT NULL
city	City name	STRING	NOT NULL
state	State name	STRING	NOT NULL
Pin	Postal code	STRING	NOT NULL

- **Admin Table:**

Column Name	Description	Type	Constraints
adminID	Unique identifier for the admin	INT	PRIMARY KEY
name	Full name of the admin	STRING	NOT NULL
email	Email address of the admin	STRING	NOT NULL

- **Service Table:**

Column Name	Description	Type	Constraints
serviceID	Unique identifier for the service	INT	PRIMARY KEY
serviceName	Name of the service	STRING	NOT NULL
description	Detailed description of the service	STRING	NOT NULL
price	Cost of the service	FLOAT	NOT NULL
categoryID	Reference to the service category	INT	FOREIGN KEY REFERENCES SERVICE_CATEGORY(categoryID)

- **Service Category Table:**

Column Name	Description	Type	Constraints
categoryID	Unique identifier for the category	INT	PRIMARY KEY
categoryName	Name of the service category	STRING	NOT NULL
description	Description of the category	STRING	NOT NULL

- **Booking Table:**

Column Name	Description	Type	Constraints
bookingID	Unique identifier for the booking	INT	PRIMARY KEY
userID	Reference to the user	INT	FOREIGN KEY REFERENCES USER(userID)
providerID	Reference to the service provider	INT	FOREIGN KEY REFERENCES SERVICE_PROVIDER(providerID)
serviceID	Reference to the booked service	INT	FOREIGN KEY REFERENCES SERVICE(serviceID)
bookingDateTime	Date and time of booking	DATETIME	NOT NULL
status	Status of the booking	STRING	NOT NULL

- **Notification Table:**

Column Name	Description	Type	Constraints
notificationID	Unique identifier for the notification	INT	PRIMARY KEY
message	Notification message content	STRING	NOT NULL
dateSent	Timestamp when notification was sent	DATETIME	NOT NULL
status	Notification status	STRING	NOT NULL

- **Payment Table:**

Column Name	Description	Type	Constraints
paymentID	Unique identifier for the payment	INT	PRIMARY KEY
bookingID	Reference to the booking	INT	FOREIGN KEY REFERENCES BOOKING(bookingID)
amount	Payment amount	FLOAT	NOT NULL
paymentDateTime	Date and time of payment	DATETIME	NOT NULL
status	Payment status	STRING	NOT NULL
paymentMethod	Method of payment	STRING	NOT NULL

- **Schedule Table:**

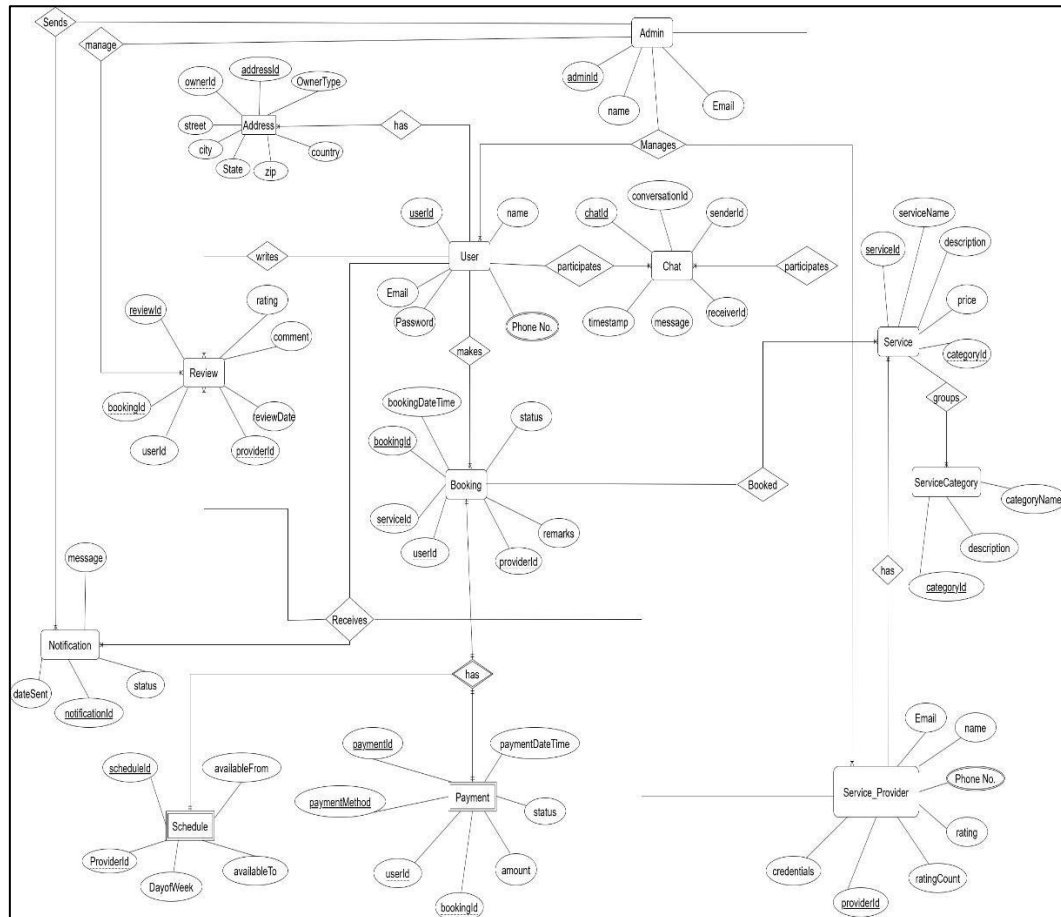
Column Name	Description	Type	Constraints
scheduleID	Unique identifier for the schedule	INT	PRIMARY KEY
providerID	Reference to the service provider	INT	FOREIGN KEY REFERENCES SERVICE_PROVIDER(providerID)
availableFrom	Start time of availability	DATETIME	NOT NULL
availableTo	End time of availability	DATETIME	NOT NULL
dayOfWeek	Day of availability	STRING	NOT NULL

System Design (UML Diagrams):

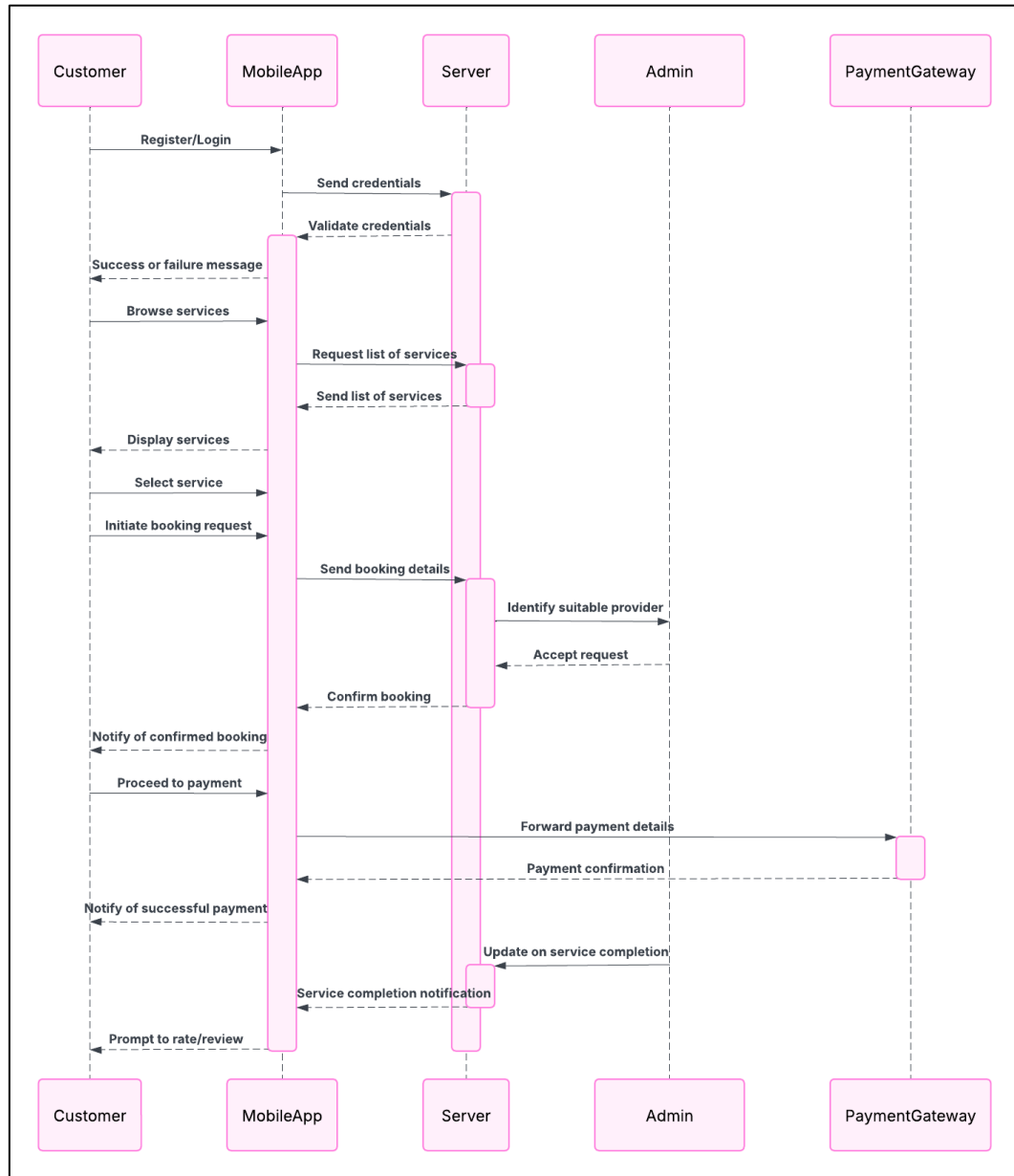
- Use case diagram:








• Entity Relationship Diagram:




- Sequence diagram:



- **User Persona:**

	Bio	Motivations	Devices
	Emily is a busy working mom who values her time and likes to keep her house clean and well-maintained. She enjoys spending time with her family and doesn't have much time for household chores.	Saving time, maintaining a clean and organized home, spending quality time with her family	iPhone, iPad, Laptop
Emily Smith  Age/Gender 32/Female  Location Urban area  Occupation Marketing Manager  Family Status Married with two young children	Goals	Pains	Brand Affiliations
	To find reliable and convenient home services to help manage her busy schedule	Finding trustworthy service providers, coordinating schedules, managing household tasks while balancing work and family life	Organized Home Solutions, Busy Bee Cleaning Services



Rakesh Sharma

"Rakesh is social guy who loves to do party with his friends. He loves going to monuments and old places in Delhi for photoshoots. He is kind hearted guy who wants to do something for society"

GOALS

- Wants to do some social work
- Wants to donate blood
- Looking for an app which can help him in donating blood

PAIN POINTS





- He don't have much time to stand in queue
- He has fear that donation camp can be fraud

Age 24
Job Title Graphic Designer
Status Single
Location New Delhi

PERSONALITY

Introvert ————— Extrovert
Analytical ————— Creative
Busy ————— Time rich
Messy ————— Organized
Independent ————— Team player

INFLUENCERS
What products or services are influencing

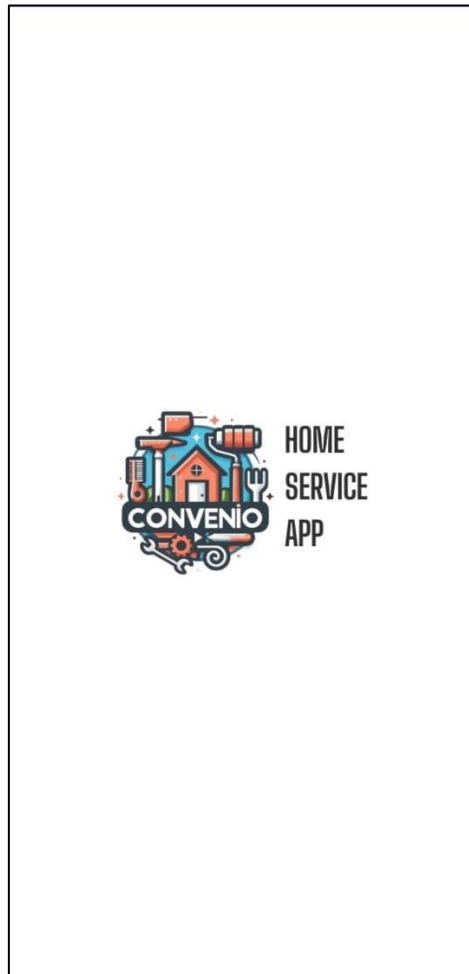
BEHAVIOR TRAITS

PASSIONATE CREATIVE
CONFIDENT INDEPENDENT

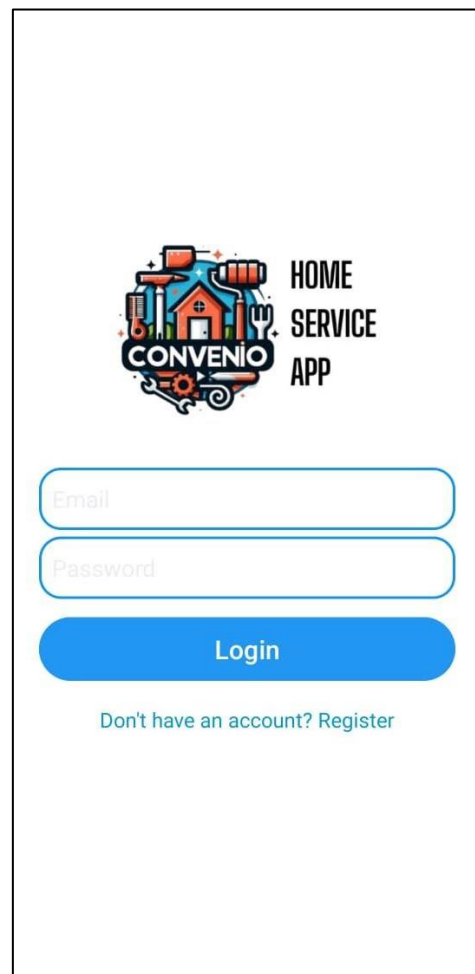
Wireframe:

Mobile Screens:


App cover screen



Login




Registration



[Register](#)

[Already have an account? Login](#)

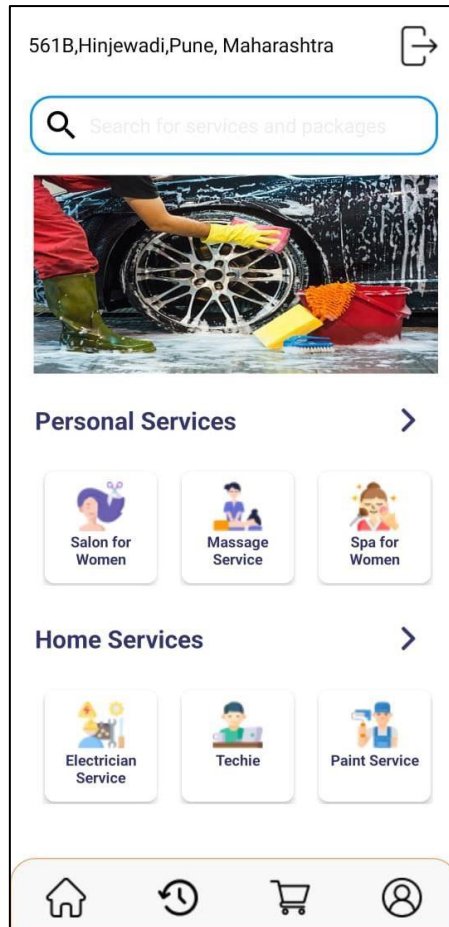
Login



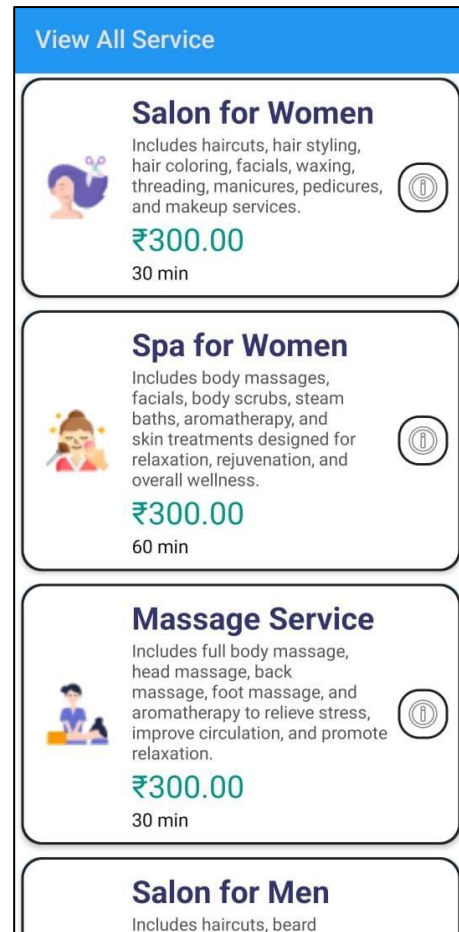
[Login](#)

[Don't have an account? Register](#)

Home Screen




Services



Booking Description

10:21 0.19 KB/s 54%

Detailed Service



₹300

60 min


Includes body massages, facials, body scrubs, steam baths, aromatherapy, and skin treatments designed for relaxation, rejuvenation, and overall wellness.

Add to Cart

Cart

My Cart

Cart Summary 300.00\$

Service Name	Spa for Women
Service Price	₹300
Current Date	06 18,2025
Current Time	11:24:37 am
Duration	60 min 

Book Now

Back

Booking Information

Spa for Women

Price: ₹300

Duration: 60 min

Selected Date: 19/06/2025

**Service is available from 9 AM to 11 PM*

Choose Time Slot:

21:00 - 22:00

22:00 - 23:00

[Book Service](#)

Display Details

Spa for Women

Status: Pending

Time Slot: 21:00 - 22:00

Booked On: 19 Jun 2025, 08:30 pm

Price: ₹300

Payment: Not Paid

Booking ID: 7VqaB1Ds1R2KMWUeLkcb

[View My Bookings](#)

Bookings

My Bookings

Spa for Women
Time Slot: 21:00 - 22:00
Status: pending
Date: 19 Jun 2025

Cancel Pay Now

Spa for Women
Time Slot: 17:00 - 18:00
Status: rejected
Date: 18 Jun 2025

Cancel Pay Now

Massage Service
Time Slot: 11:00 - 11:30
Status: Paid
Date: 17 Jun 2025

Cancel Paid

Salon for Women
Time Slot: 13:00 - 13:30
Status: canceled
Date: 15 Jun 2025

Bookings

My Bookings

Spa for Women
Time Slot: 21:00 - 22:00
Status: approved
Date: 19 Jun 2025

Cancel Pay Now

Spa for Women
Time Slot: 17:00 - 18:00
Status: rejected
Date: 18 Jun 2025

Cancel Pay Now

Massage Service
Time Slot: 11:00 - 11:30
Status: Paid
Date: 17 Jun 2025

Cancel Paid

Salon for Women
Time Slot: 13:00 - 13:30
Status: canceled
Date: 15 Jun 2025

Booking details

Booking Details

Service: Spa for Women
Time Slot: 21:00 - 22:00
Price: ₹300
Booked On: 19 Jun 2025, 08:30 pm
Booking ID: 7VqaB1Ds1R2KMWUeLkcb
Payment Status: Not Paid

User Details

Name: Mehmood Kazi
Email: a230373@famt.ac.in
Phone: 9209065659
Address: 305, 3rd floor, B wing, Al Hadi, Ratnagiri

Select Payment Method

- ☒ Cash on Delivery (CoD)
☐ GPay
☐ Other

Confirm Payment

Payment Successful



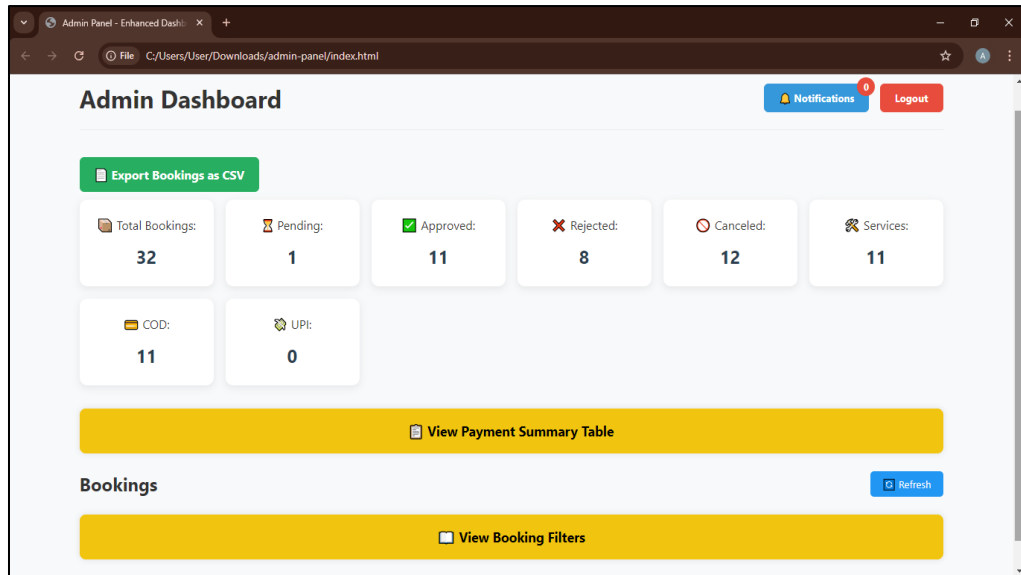
Payment Successful!

Booking ID: 7VqaB1Ds1R2KMWUeLkcb
Thank you for your payment!

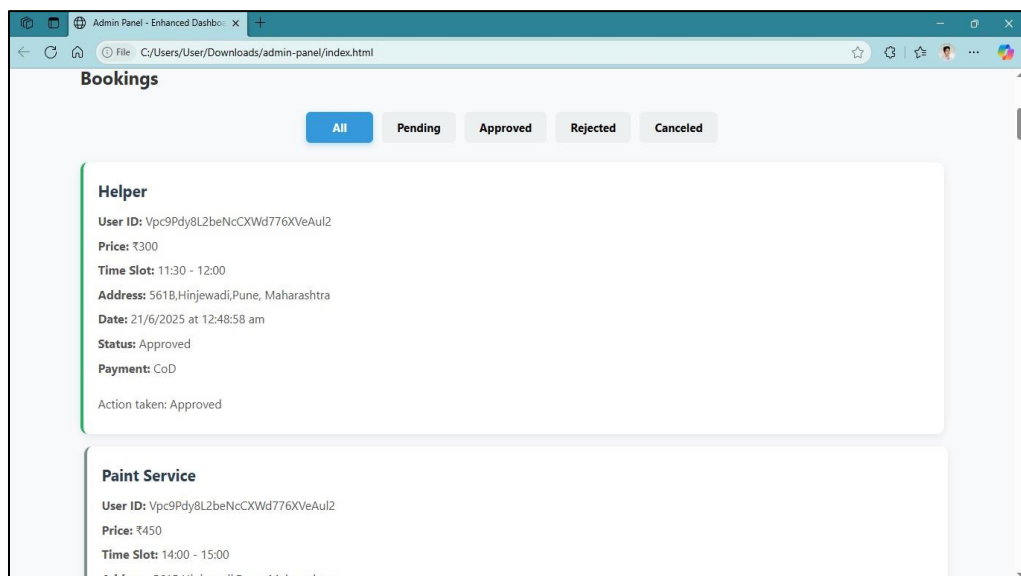
Go to Home

Admin Pannel:

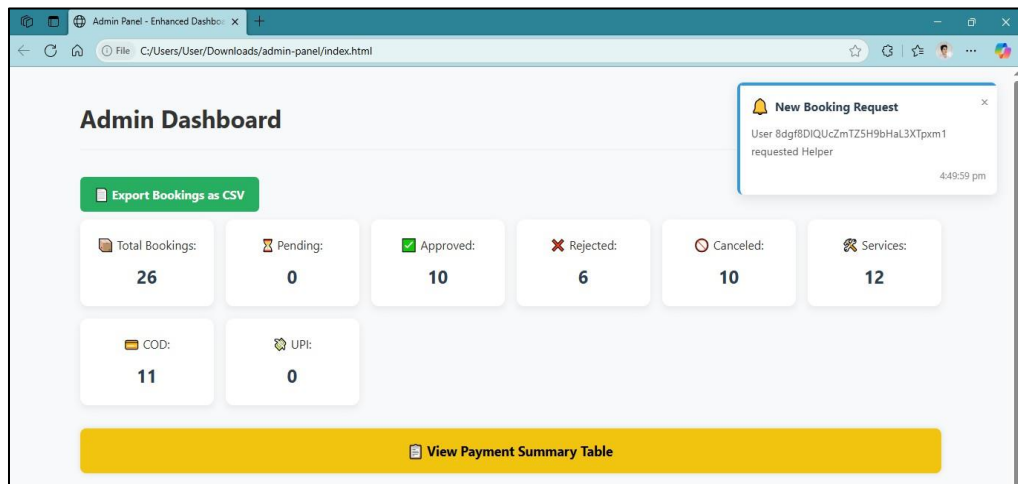
Admin Dashboard



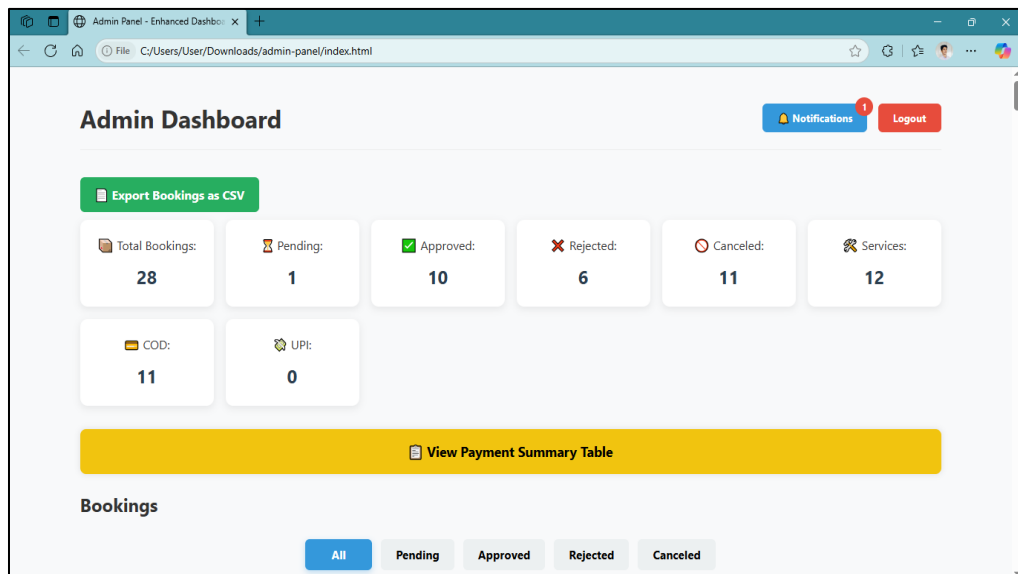
Bookings Tab



Notification:



Notification:



Payment Summary Table:

Admin Panel - Enhanced Dashboard

File

C:/Users/User/Downloads/admin-panel/index.html

Bookings

All

Pending

Approved

Rejected

Canceled

Helper

User ID: 8d9f8DIQUcZmTZ5H9bHaL3XTpxm1

Price: ₹300

Time Slot: 18:30 - 19:00

Address: 305, 3rd floor, B wing, Al Hadi, Ratnagiri

Date: 22/6/2025 at 4:49:59 pm

Status: Pending

Payment: N/A

Approve

Reject

Cancel

Helper

User ID: 8d9f8DIQUcZmTZ5H9bHaL3XTpxm1

Price: ₹300

Time Slot: 18:00 - 18:30

Address: 305, 3rd floor, B wing, Al Hadi, Ratnagiri

Pending Services:

Admin Panel - Enhanced Dashbo: x

C:/Users/User/Downloads/admin-panel/index.html

View Payment Summary Table

Bookings

All

Pending

Approved

Rejected

Canceled

Helper

User ID: 8d9f8DIQUcZmTZ5H9bHaL3XTpxm1

Price: ₹300

Time Slot: 18:30 - 19:00

Address: 305, 3rd floor, B wing, Al Hadi, Ratnagiri

Date: 22/6/2025 at 4:49:59 pm

Status: Pending

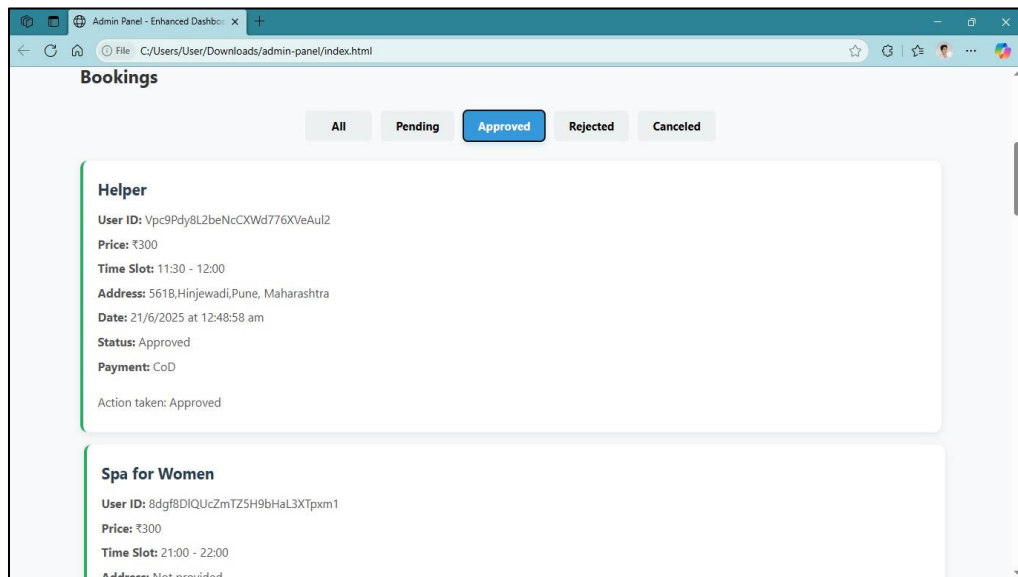
Payment: N/A

Approve

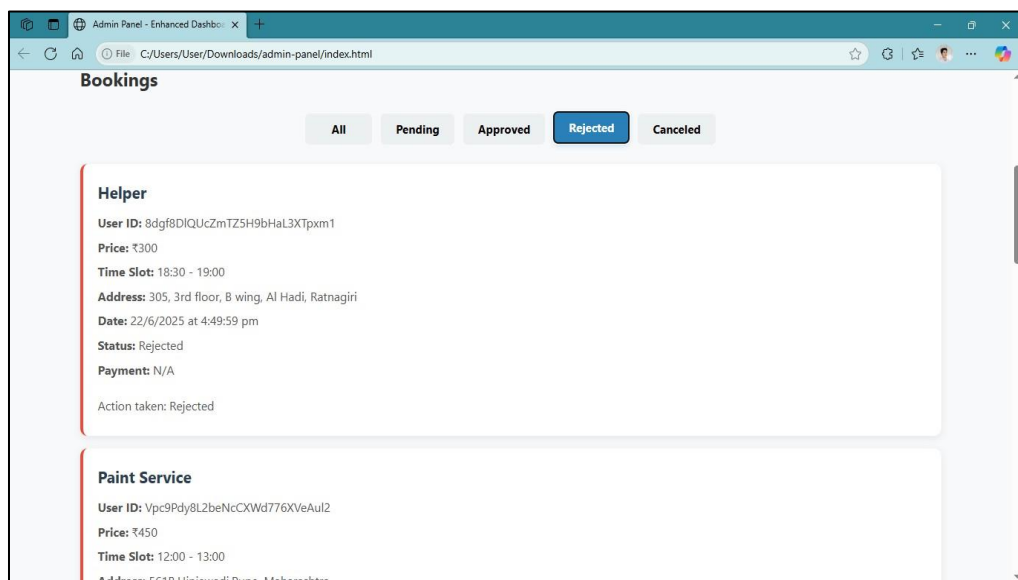
Reject

Cancel

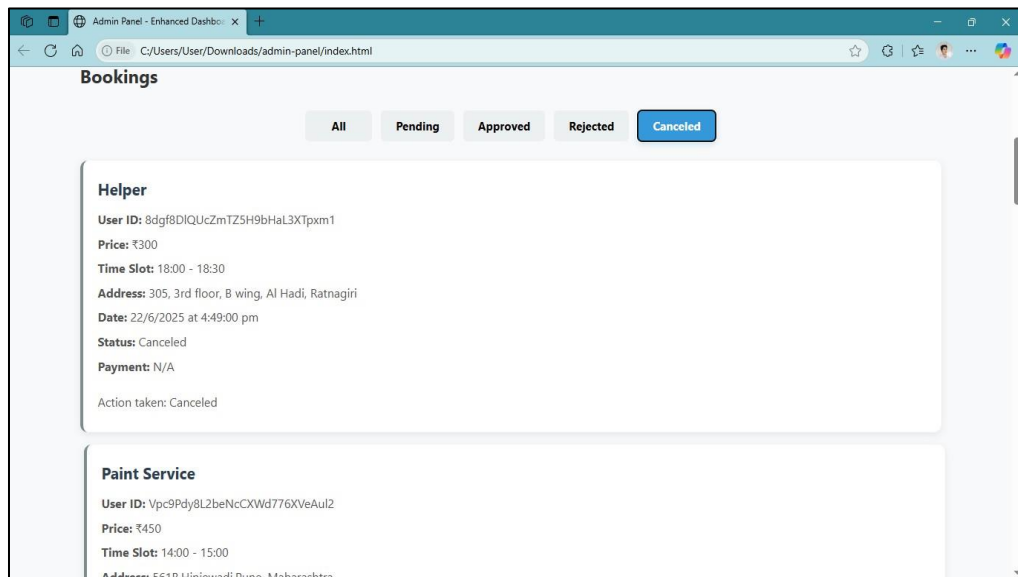
Approved Bookings:



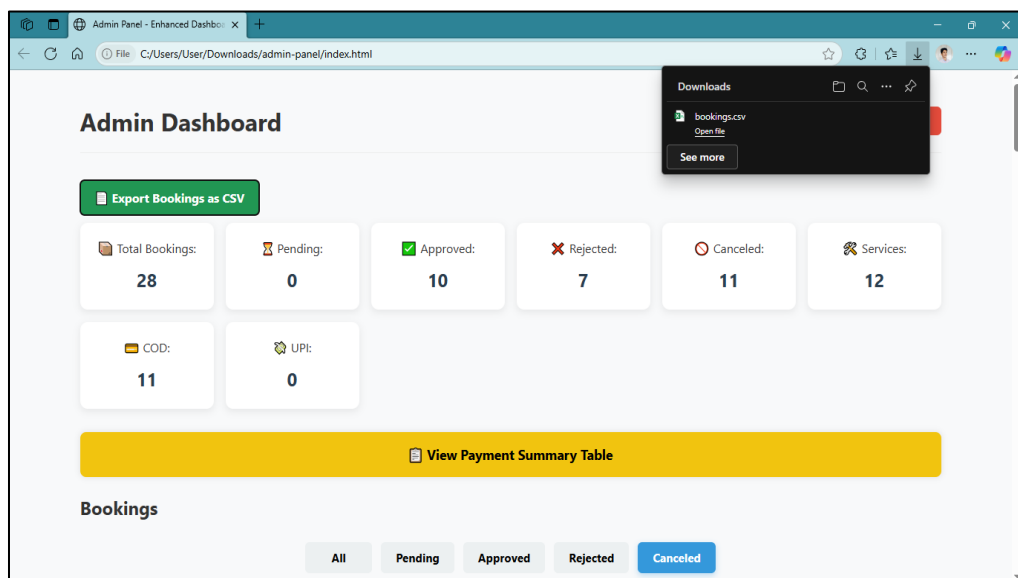
Rejected Bookings:



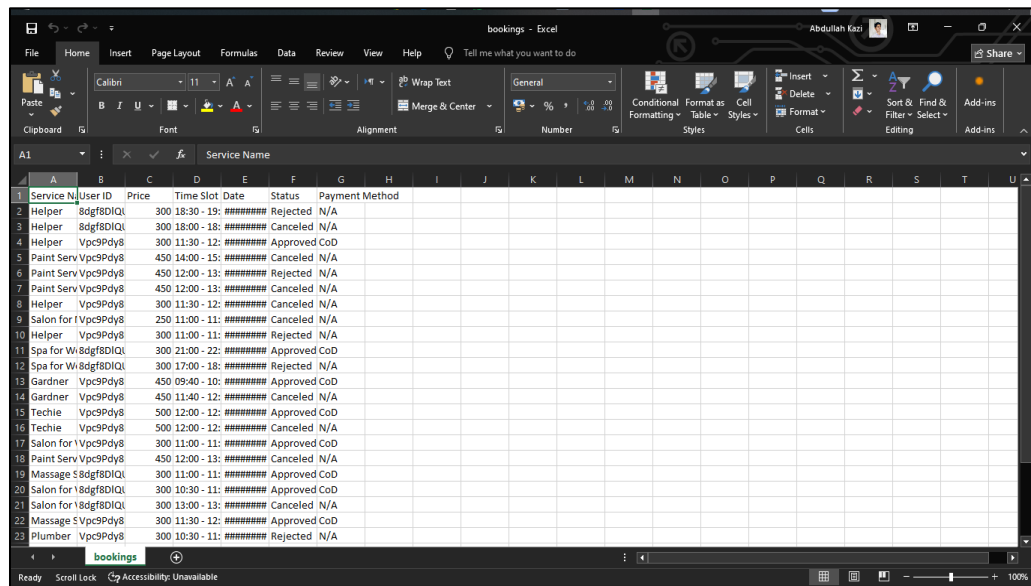
Cancel Bookings:



Export Bookings as Excel Sheet:



Excel Sheet:



Service Name	User ID	Price	Time Slot	Date	Status	Payment Method
Helper	8d9f8DIQI	300	18:30 - 19:00	#####	Rejected	N/A
Helper	8d9f8DIQI	300	18:00 - 18:30	#####	Canceled	N/A
Helper	Vpc9Pdy8	300	11:30 - 12:00	#####	Approved	CoD
Paint Serv	Vpc9Pdy8	450	14:00 - 15:00	#####	Canceled	N/A
Paint Serv	Vpc9Pdy8	450	12:00 - 13:00	#####	Rejected	N/A
Paint Serv	Vpc9Pdy8	450	12:00 - 13:00	#####	Canceled	N/A
Helper	Vpc9Pdy8	300	11:30 - 12:00	#####	Canceled	N/A
Salon for 1	Vpc9Pdy8	250	11:00 - 11:30	#####	Canceled	N/A
Helper	Vpc9Pdy8	300	11:00 - 11:30	#####	Rejected	N/A
Spa for Wi	8d9f8DIQI	300	21:00 - 22:00	#####	Approved	CoD
Spa for Wi	8d9f8DIQI	300	17:00 - 18:00	#####	Rejected	N/A
Gardner	Vpc9Pdy8	450	09:40 - 10:00	#####	Approved	CoD
Gardner	Vpc9Pdy8	450	11:40 - 12:00	#####	Canceled	N/A
Techie	Vpc9Pdy8	500	12:00 - 12:30	#####	Approved	CoD
Techie	Vpc9Pdy8	500	12:00 - 12:30	#####	Canceled	N/A
Salon for 1	Vpc9Pdy8	300	11:00 - 11:30	#####	Approved	CoD
Paint Serv	Vpc9Pdy8	450	12:00 - 13:00	#####	Canceled	N/A
Massage	8d9f8DIQI	300	11:00 - 11:30	#####	Approved	CoD
Salon for 1	8d9f8DIQI	300	10:30 - 11:00	#####	Approved	CoD
Salon for 1	8d9f8DIQI	300	13:00 - 13:30	#####	Canceled	N/A
Massage	Vpc9Pdy8	300	11:30 - 12:00	#####	Approved	CoD
Plumber	Vpc9Pdy8	300	10:30 - 11:00	#####	Rejected	N/A

Testing Details (Test cases and other reports):

- User registration

Scenario	Step	Data Description	Test Data	Expected Result	Actual Result	Status
User Registration	1. Register with all valid details	Name, Email, Password, Phone, Address	All fields filled correctly	User account created and redirected to login	User registered successfully	Pass
User Registration	2. Submit with missing email	Name, Password, Phone provided; Email missing	Missing required field	Show validation error for email	Error message: "Email is required"	Pass
User Registration	3. Submit with weak password	Password: 123	Weak password	Show validation: "Password too short"	Error message displayed	Pass
User Registration	4. Submit with invalid email	Email: user@@gmail.com	Invalid email format	Show validation error: "Invalid email"	Error message displayed	Pass
User Registration	5. Submit with empty address	Address field left blank	Address: ""	Show validation: "Address is required"	Error message displayed	Pass

- **Login**

Scenario	Step	Data Description	Test Data	Expected Result	Actual Result	Status
User Login	1. Valid login credentials	Registered Email and Correct Password	Email: <u>user@gmail.com</u> , Password: 123456	Redirect to homepage/dashboard	User successfully logged in	Pass
User Login	2. Invalid password	Registered Email and Wrong Password	Email: <u>user@gmail.com</u> , Password: wrongpass	Show error: "Invalid credentials"	Error message displayed	Pass
User Login	3. Unregistered email	Email not in system	Email: <u>unknown@gmail.com</u> , Password: 123456	Show error: "Account does not exist"	Appropriate error shown	Pass
User Login	4. Empty fields	No Email or Password entered	Email: "", Password: ""	Show validation: "Fields required"	Validation error message shown	Pass
User Login	5. Email format validation	Improper email format	Email: user@@mail, Password: 123456	Show validation error: "Invalid email"	Error message displayed	Pass

• **Admin**

Scenario	Step	Data Description	Test Data	Expected Result	Actual Result	Status
Admin Login	1. Login with correct credentials	Registered Admin Email & Password	Email: <u>admin@gmail.com</u> , Password: Admin@123	Redirect to Admin Dashboard	Admin logged in successfully	Pass
Admin Login	2. Incorrect password	Valid Email, Wrong Password	Email: <u>admin@gmail.com</u> , Password: wrong123	Show: "Invalid credentials"	Error message displayed	Pass
Add Service	3. Add valid service details	Name, Description, Price, Image	"AC Repair", "Fixing cooling issues", ₹499	Service added successfully	Service visible in service list	Pass
Add Service	4. Missing service name	Name field empty	"" , Description: "Cleaning", ₹299	Show: "Service name required"	Error displayed	Pass
Edit Service	5. Edit existing service details	Updated description and price	"AC Repair", "Detailed repair", ₹599	Service updated successfully	Service details updated	Pass
Delete Service	6. Delete a service	Select existing service	"Pest Control"	Service removed from database	No longer appears in list	Pass

View Bookings	7. View all user bookings	Bookings fetched from db	N/A	Bookings displayed	Booking list shown	Pass
Assign Service Provider	8. Assign provider to a service booking	Select provider and booking ID	Provider ID: 101, Booking ID: BKG567	Provider assigned successfully	Provider linked to booking	Pass
View Users	9. View registered users	Fetch user list	N/A	List of users shown	User list displayed	Pass
Deactivate User	10. Deactivate a user account	Select user from list	User Email: <u>testuser@gmail.com</u>	User status changed to "Inactive"	User cannot log in	Pass

- **Service Booking**

Scenario	Step	Data Description	Test Data	Expected Result	Actual Result	Status
Book a Service	1. Book with all valid inputs	Service, Date, Time, Address	All data valid	Booking confirmed	Booking successful	Pass
Book a Service	2. Submit without selecting service	Only date, time, address provided	Missing service	Show validation error: "Select a service"	Error displayed	Pass
Book a Service	3. Submit with empty address	Address field empty	Incomplete data	Show validation: "Address required"	Validation message appears	Pass
Book a Service	4. Book with past date	Date: yesterday	Invalid date	Show validation: "Select valid date"	Error displayed	Pass

- **Update Profile**

Scenario	Step	Data Description	Test Data	Expected Result	Actual Result	Status
Update Profile	1. Update with valid data	Name, Phone, Address, Profile Picture	All fields correctly filled	Profile updated successfully	Profile saved and shown	Pass
Update Profile	2. Leave mandatory fields empty	Name or Phone left blank	Missing required field	Show validation : "Fields required"	Validation error shown	Pass
Update Profile	3. Enter invalid phone number	Phone number not 10 digits	Phone: 1234	Show validation : "Invalid phone"	Error message displayed	Pass
Update Profile	4. Cancel profile update	Click cancel after editing	Data changed but not saved	Revert to previous data	Old data retained	Pass
Update Profile	5. Auto-fill current user info on page load	Logged-in user opens profile page	Existing user logged in	Current data auto-filled	Data displayed correctly	Pass

Limitation & Enhancements

Limitation

1. No Service Provider Login Module: Currently, service providers cannot log in or manage their availability, profiles, or bookings directly. All operations are handled by the admin manually.
2. Lack of In-App Payment System: The app does not yet support online payments via UPI, credit/debit cards, or wallets, which limits real-time payment convenience for users.
3. No Real-Time Chat or Communication: There is no integrated chat or messaging feature between users and service providers/admin, making communication slower and dependent on external methods.
4. Limited Admin Panel Features: The current admin panel is basic and does not support advanced analytics, user role management, or booking trends visualization.
5. Only Available for Android: The app is currently limited to Android users; there's no iOS version or cross-platform compatibility.
6. Manual Location Entry (Partial Maps Integration): Although Google Maps is integrated, full location tracking or GPS-based service matching is not fully implemented.

Enhancements:

1. **Add Service Provider Module:** Introduce a separate login and dashboard for service providers where they can manage their profile, availability, view bookings, and update job statuses.
2. **Integrate Secure Online Payments:** Implement payment gateways like Razorpay, Paytm, or Google Pay to enable secure and seamless online payments within the app.
3. **In-App Chat Feature:** Add a real-time chat system to allow users and service providers/admin to communicate directly regarding service details or updates.
4. **Role-Based Admin Dashboard:** Expand the admin panel to support multiple roles (e.g., service manager, support staff) with data visualization, booking analytics, and performance monitoring.
5. **iOS and Web App Development:** Extend platform support by developing an iOS version of the app and a web-based interface for broader accessibility.
6. **Ratings and Reviews System:** For users to rate services and leave reviews after bookings to improve and service quality.
7. **Multi-Language Support:** Add support for multiple regional languages for users across different regions.
8. **Offer and Discount Integration:** Implement a feature to allow promo codes, seasonal discounts, and referral bonuses to boost user engagement.

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