DREAM FILLER
Accelerating Technology Globally

DREAM FILLER SOFTWARE SOLUTION PRIVATE LIMITED

We Make Technology Accessible !

COMPLETED PROJECTS
2024 - 2025

ABOUT OUR COMPANY

Dream Filler Software Solution Private Limited is a leading provider of innovative Internet of Things (IoT) solutions, alongside mobile app development and website development.

Specializing in the development of advanced applications for IoT-enabled device management, we deliver high-performance mobile apps and responsive websites that seamlessly integrate with diverse platforms. Our solutions help industries optimize processes, enhance environmental monitoring, and improve system performance through a broad range of technologies.

With a strong focus on ThingWorx, AWS Cloud, Blockchain, and AI-powered agents, we enable businesses to build secure, intelligent, and scalable digital ecosystems. By ensuring seamless integration across IoT, mobile, and web platforms, we empower industries with comprehensive digital solutions that effectively solve real-time challenges.

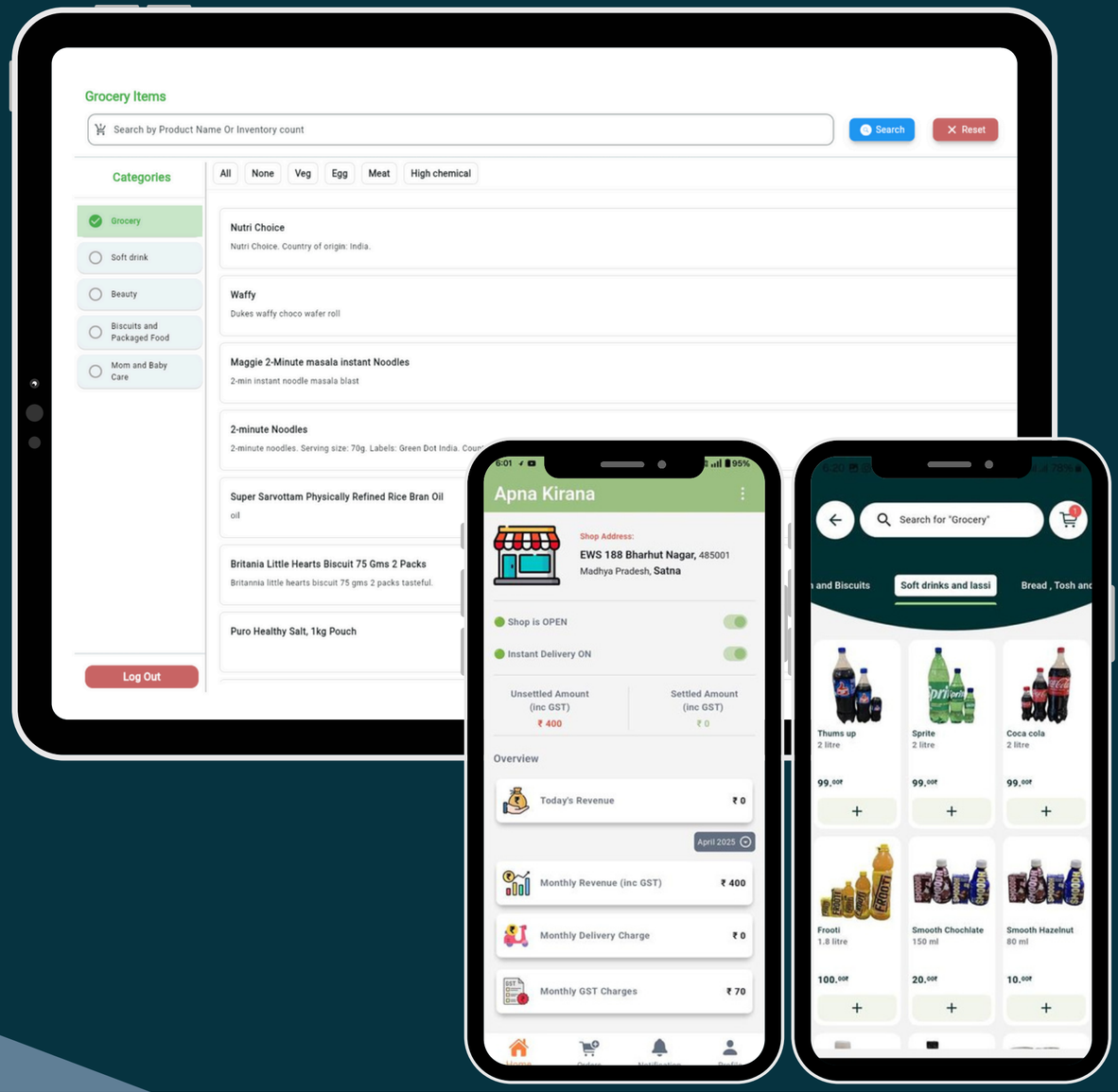
MULTIVENDOR E-COMMERCE PLATFORM

A multivendor and multiuser eCommerce platform is a dynamic online marketplace that enables multiple vendors to sell their products while allowing numerous users to shop seamlessly.

Key Features:

- Vendor Management: Sellers can manage their stores, listings, and transactions independently.
- User-Friendly Interface: Buyers and vendors access a streamlined shopping experience.
- Product Diversity – Expansive catalog across various vendor-managed categories
- Secure Payment Integration: Supports multiple payment gateways for smooth transactions.
- Scalability & Customization: Adaptable to various industries and business models.
- AI-Driven Recommendations: Personalized shopping experiences powered by data insights.
- Advanced Database Management – Efficient data handling for inventory tracking, and secure transactions.
- Robust Analytics: Comprehensive reporting for vendors to optimize sales.

This platform ensures efficiency, flexibility, and intelligent scalability, creating a competitive digital marketplace that drives business success through smart data management and AI-powered solutions.



AIR PURIFIER APPLICATIONS

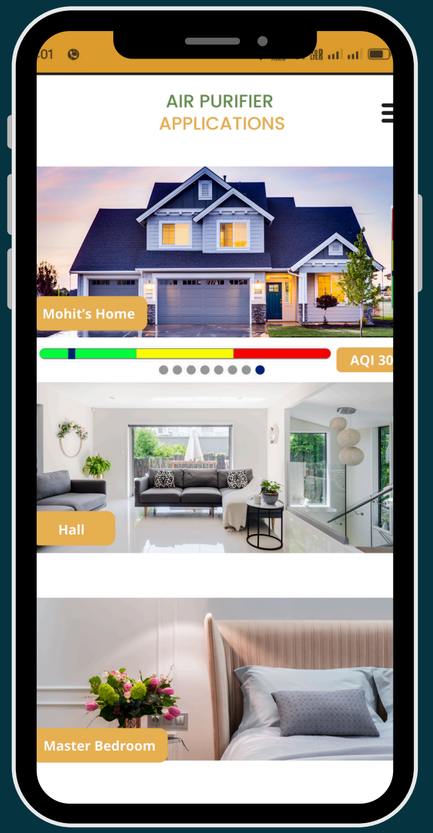
The Air Purifier Application developed for Canada/US Based company, areas an advanced solution designed to monitor and control IoT devices that measure and report environmental pollutants, such as PM2.5, AQI (Air Quality Index), and other key air quality metrics. Developed for Canada/US Based company within the Environmental Monitoring and Control Systems industry, the application offers real-time insights and control over air quality in various environments.

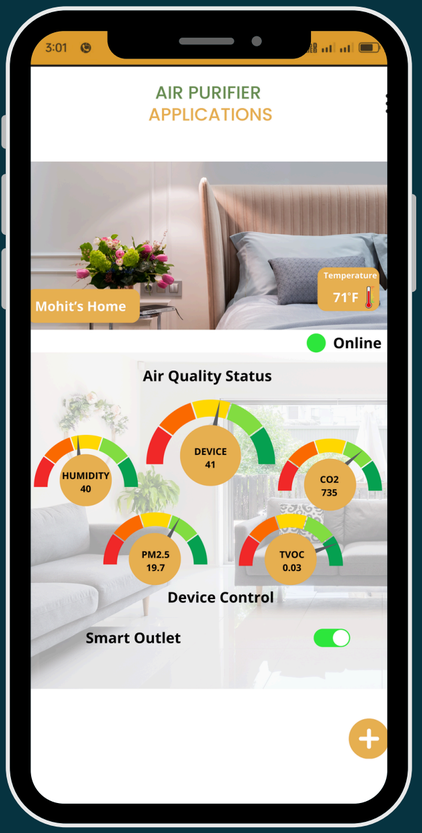
Key Features:

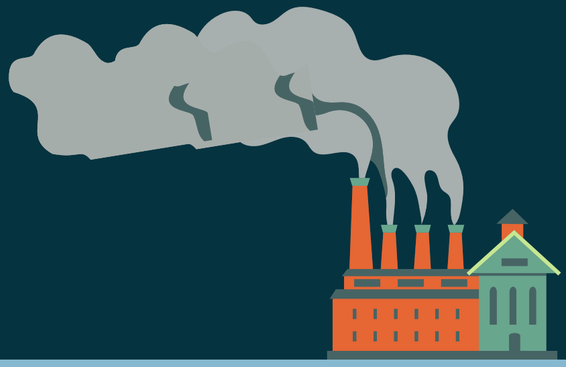
- Real-Time Monitoring: Provides live tracking of environmental pollutants, enabling users to stay informed about air quality levels.
- Device Control: Allows users to remotely adjust and control IoT devices to maintain optimal air quality conditions.
- Comprehensive Reporting: Seamlessly integrates with IoT sensors to provide in-depth pollutant tracking and detailed environmental reports.

The Air Purifier Application empowers users to take proactive steps in managing air quality, improving both indoor and outdoor environments for a healthier living and working space. By providing real-time data, control capabilities, and deep integration with IoT sensors, the application offers a comprehensive solution to environmental monitoring.

NOTE: as per the NDA we are not allowed to use the real name of App







HOSPITAL MANAGEMENT APPLICATIONS

The modern healthcare landscape is undergoing a digital transformation, with hospital management applications playing a pivotal role in streamlining operations, enhancing patient care, and improving overall hospital efficiency.

Key Features:

- Patient Registration and Admissions: Enables efficient onboarding and tracking of patient information from entry to discharge.
- Electronic Medical Records (EMR): Provides a digital, centralized, and secure repository for patients' medical histories and clinical data.
- Billing and AI-generated billing codes: This reduces administrative burden, minimizes coding errors, ensures compliance, and accelerates claim processing.
- Billing: Automates billing workflows and payment tracking to improve financial accuracy and compliance.

Key Challenges in Implementation:

- Downtime Risks: System outages can delay critical care and operations, demanding robust failover and backup mechanisms.
- Data Migration: Transferring legacy data to new systems can be error-prone and time-consuming, risking data integrity.

Hospital management applications are indispensable for modern healthcare delivery, yet their implementation is fraught with complexity and challenges. Success hinges on strategic planning, stakeholder engagement, and continuous evaluation through well-defined performance metrics.

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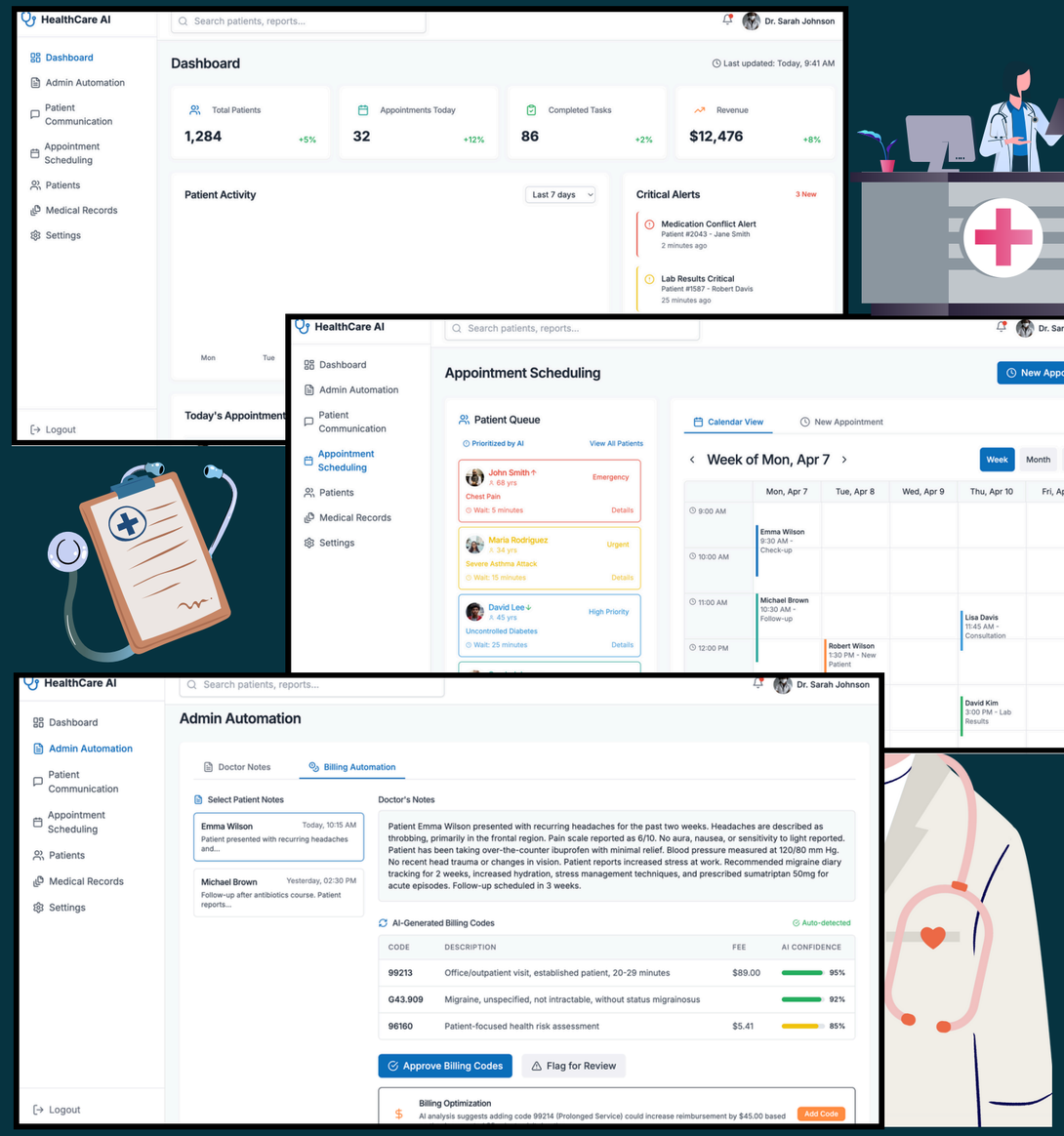

SPA & WELLNESS APPLICATIONS

The Spa & Wellness Applications both Applications developed for Canada/US Based Company, are designed to optimize and manage spa operations, ensuring a seamless and relaxing experience for customers. and provide control over essential spa systems such as temperature regulation, air flow, fresh air systems, and salt therapy systems, helping spa operators maintain the highest standards of quality and comfort.

Key Features:

- Temperature Control: Precisely regulate temperature settings within the spa environment for optimal comfort.
- Air Flow Management: Adjust air flow and monitor systems to ensure proper ventilation and air quality.
- Fresh Air & Salt Systems: Control and monitor the functionality of fresh air systems and salt therapy devices.
- Real-Time Monitoring: Continuously track and adjust spa conditions to ensure a high-quality environment for clients.

The Spa Wellness Applications provide spa managers with the tools to maintain optimal conditions, enhance customer satisfaction, and streamline operational efficiency, all while ensuring a high-quality and relaxing experience for clients. With real-time monitoring and intuitive controls, these apps are the ideal solution for managing modern wellness environments.

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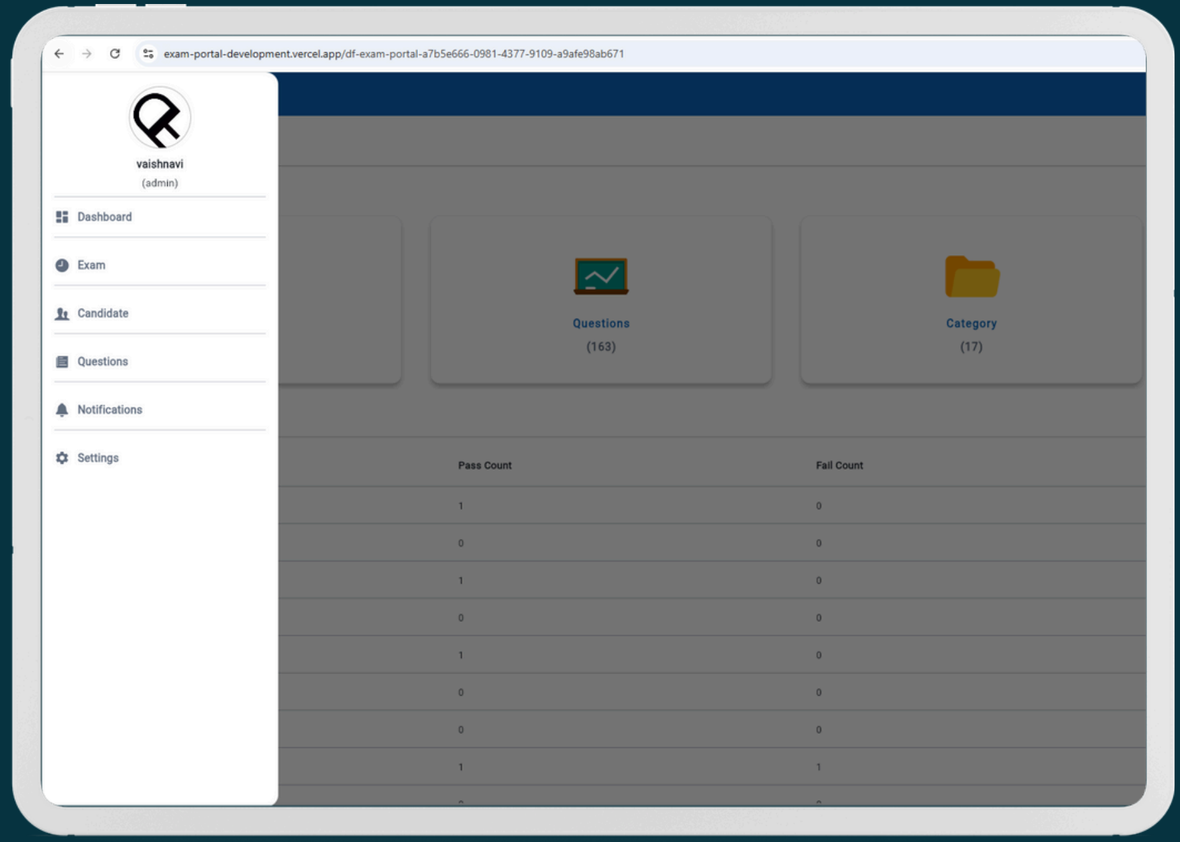
EDUCATION PORTAL

Educational Portal is a comprehensive platform designed to facilitate seamless interaction between parents, students, and the school administration. The portal offers a variety of features that allow for effective communication and management of educational activities.



Admin Portal -

The hamburger menu in the user interface offers a convenient way to navigate through key features of the platform.

- **Dashboard:** Serves as the main landing page of the user's account, providing an overview of important information and quick access to various functionalities.
- **Upcoming Exams:** Displays a list of all upcoming exams that the user needs to be aware of.
- **Exam History:** Provides a record of all past exams taken by the user. It includes information on scores and allowing users to review their academic history.
- **Notifications:** Shows alerts and updates from the platform, including messages relevant to the user.
- **My Account:** Contains settings and personal information related to the user's account.

User Portal -

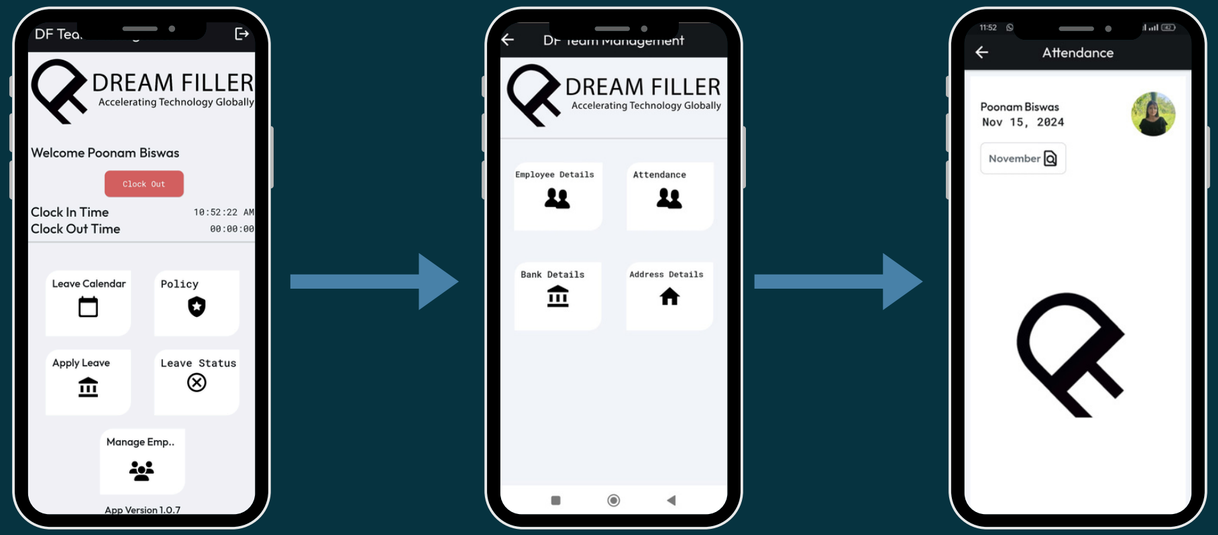
Dashboard Sections:

- **Upcoming Exams:** Information about upcoming exams and a link to view them.
- **Exam History:** Information about past exams, including finished and dropped exams.
- **Notifications:** Notifications from the platform.
- **My Account:** Information about the user Personal Details

WEB LINK

EMPLOYEE MANAGEMENT

The Employee Management Application is a centralized platform designed to streamline the management of employee information and operations. It enables organizations to maintain comprehensive records and track employee activities efficiently. Key functionalities include attendance tracking, clock-in and clock-out features, bank detail management, address recordkeeping, and maintaining general employee profiles.



User Portal-

- **Leave Calendar,**: The Leave Calendar tracks the total yearly leave entitlements for employees, ensuring compliance with company policies and legal requirement
- **Policy :** Company policies are formal guidelines that outline the standards of behavior and operational procedures within an organization. They ensure consistency, legal compliance, and effective risk management, safeguarding both employees' rights and the company's interests.
- **Apply Leave :** The Apply Leave feature allows employees to request time off through a streamlined online process.
- **Leave Status :** The Leave Status feature allows employees to track the progress of their leave applications. Employees can see whether their leave requests are approved, pending, or rejected.
- **Employee Management :** Comprehensive management of employee information.
  - i Features: Employee Details: Personal information, job title, department, and contact details.
  - ii Attendance: Track daily attendance, manage shifts, and generate reports.
  - iii Bank Details: Store and manage employees' bank account information.
  - iv Address Details: Maintain current and permanent address records.

WEB LINK

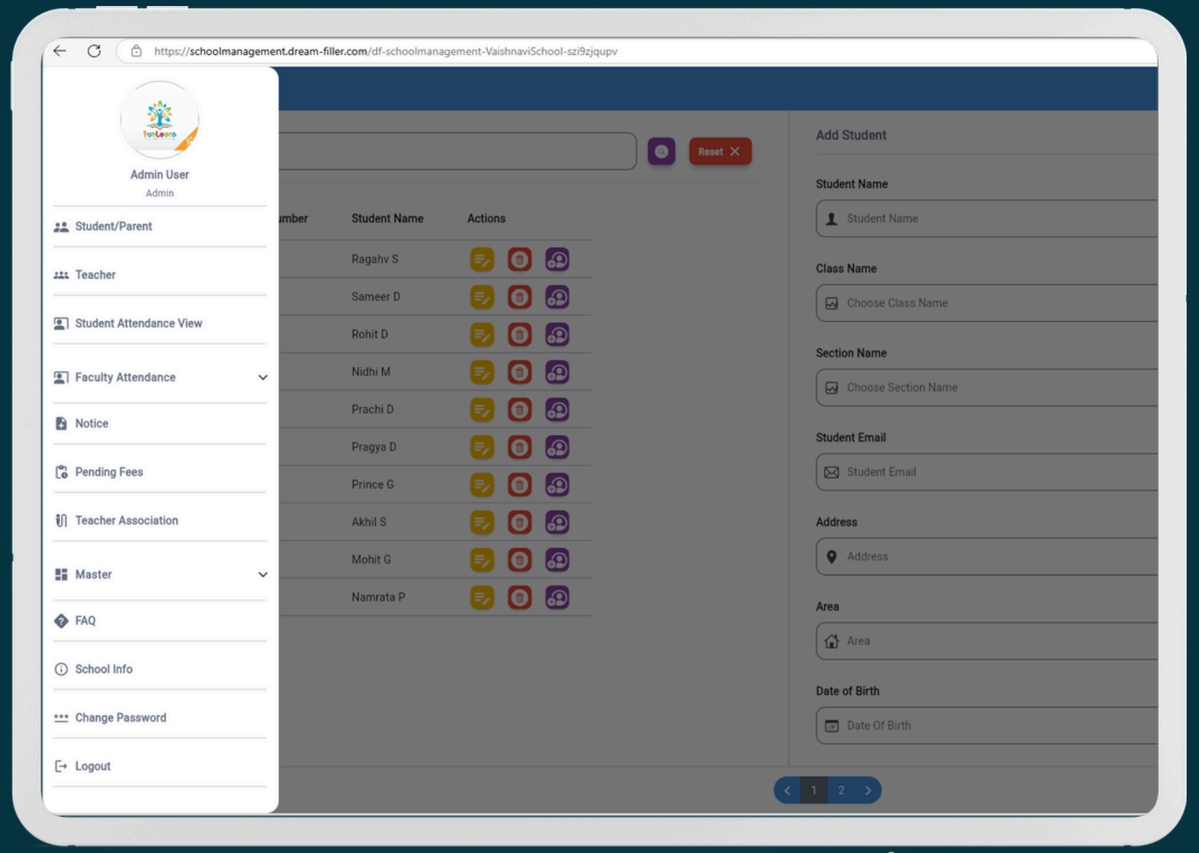
Admin-

The Admin Panel is a centralized hub designed for managing and monitoring employee information and operations with ease and efficiency.

SCHOOL MANAGEMNET

This application centralized key school activities like attendance, exams, and fee payments, ensuring seamless communication between parents and school staff. With a single login screen, users—including Admins, Teachers, Parents, and Students—could access tailored functionalities based on their roles.

The project successfully improved school management and parent engagement, providing an efficient platform for all stakeholders.



Admin Portal -

Each option will lead to a separate page where the /Admin/ will be able to see static or dynamic information. They are briefly explained below:

- **Student/Parent –** Access information related to students and parents.
- **Teacher –** Access information related to teachers.
- **Faculty Attendance –** Check attendance records of faculty members.
- **Notices –** View important notices.
- **Pending Fees –** Check any pending fees.
- **Teacher Association –** Information about the school association.
- **Master –** Access to master data (sub-options may include various administrative functionalities).
- **FAQ –** This will list down frequently asked questions and their answers.
- **School Info –** It contains details about the school.
- **Logout –** Close the user session and show the login page again.

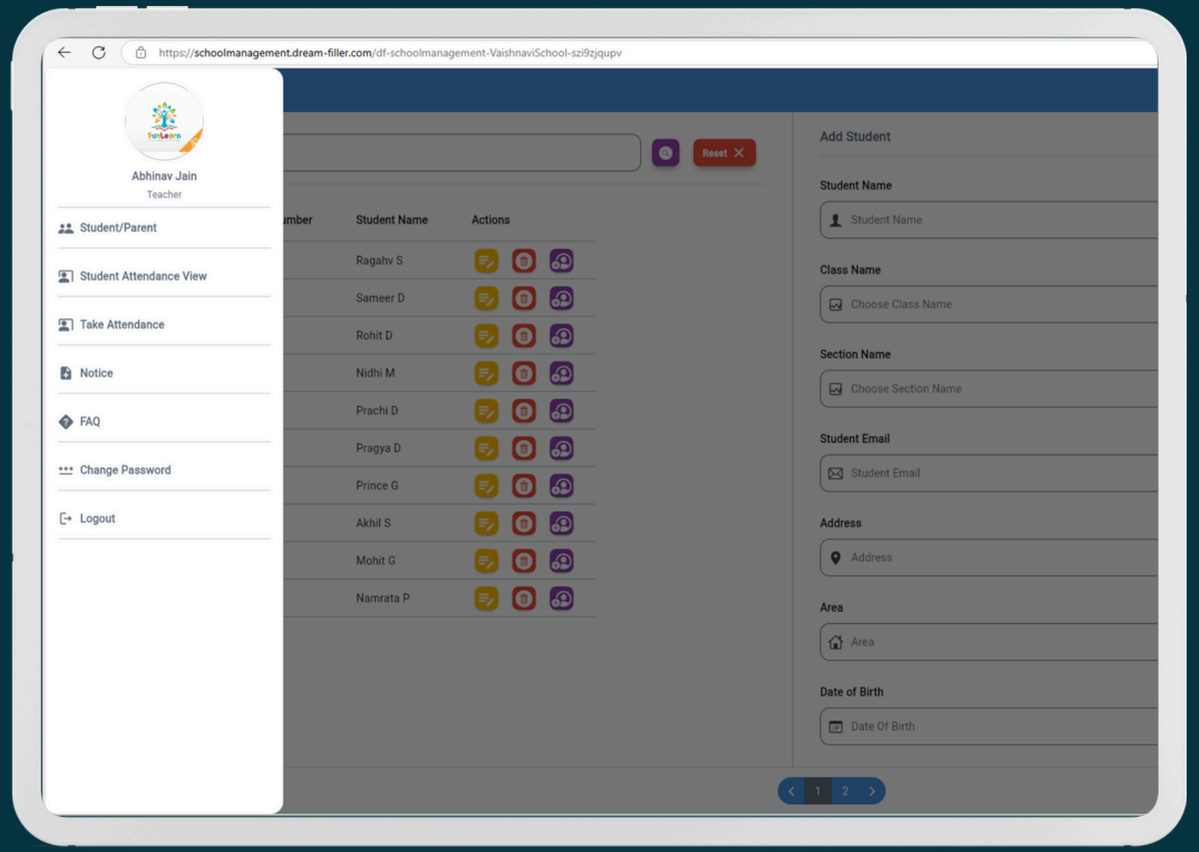
SCHOOL MANAGEMNET

School Management is a comprehensive school-parent communication application designed to streamline interactions and enhance the educational experience

User Portal -

These dashboards are designed to enhance the efficiency and effectiveness of teachers in managing their responsibilities and interacting with students and parents.

- **Student/Parent Dashboard**: This dashboard provides teachers with an interface to manage and communicate with students and their parents.
- **Student Attendance View**: This dashboard allows teachers to view the attendance records of their students. It displays daily, weekly, or monthly attendance data, helping teachers monitor student presence.
- **Take Attendance**: This dashboard is designed for recording student attendance. automatically update the attendance records.
- **Notice**: The Notice dashboard provides teachers with a platform to view and manage school notices and announcements.
- **FAQ**: The FAQ dashboard offers a repository of frequently asked questions.
- **Logout**: The Logout dashboard allows teachers to securely exit the system.

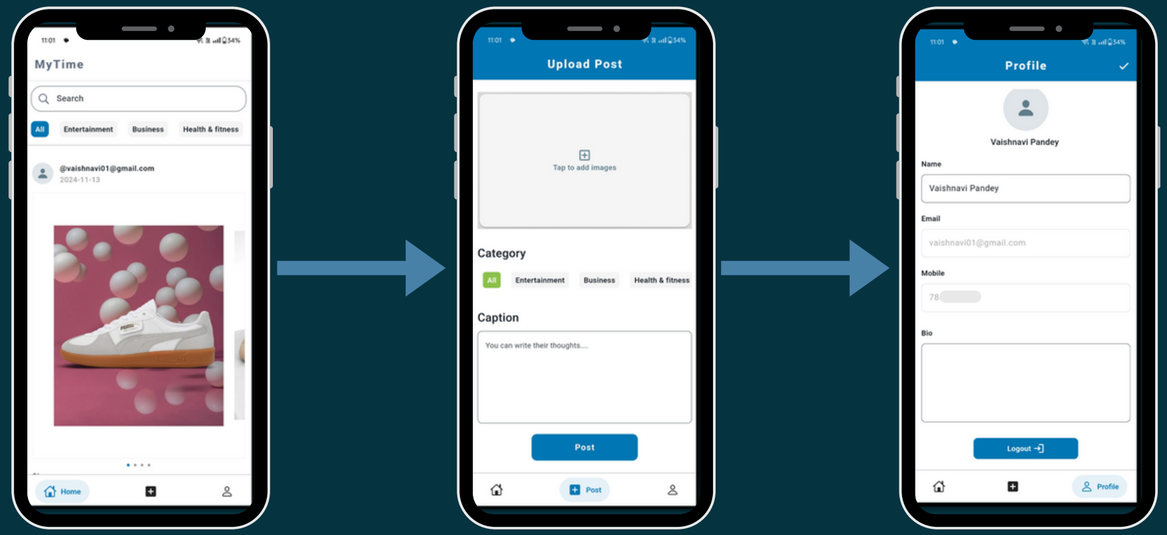


MY TIME

Our Local Marketplace App allows users to easily connect with buyers in their local area. Sellers can log in and post pictures of their products for sale, making it simple for local customers to discover and purchase items. The app leverages location-based services to ensure that buyers and sellers can connect efficiently within their community. Whether you're looking to sell or buy, our app makes local transactions seamless and convenient.

Key Points -:

- **User-**Friendly Interface: Easy login and product posting process.
- **Local Focus:** Connects buyers and sellers within the same community.
- **Product Listings:** Sellers can post pictures and descriptions of their products.
- **Location-Based Services:** Ensures efficient and relevant connections.
- **Seamless Transactions:** Facilitates smooth buying and selling experiences.
- **Community Engagement:** Encourages local commerce and interaction.



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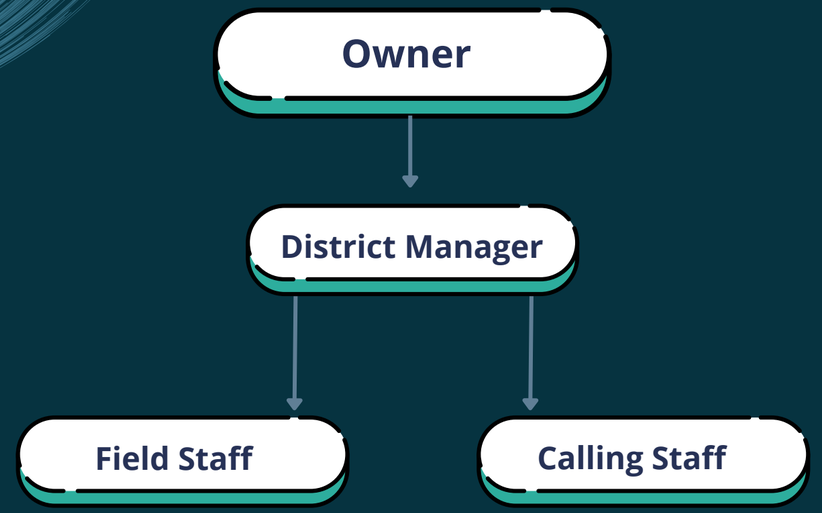
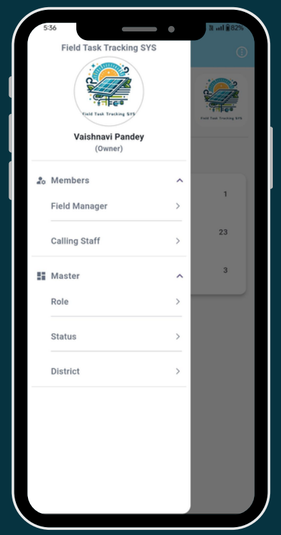
RR ENGITECH

The Solar Application workflow revolves around a structured process that begins with the Owner forming a team by appointing District Managers and Voice Staff.
The Owner plays a key role in managing the overall sales process, creating members, assigning responsibilities, and acting as the main point of contact between customers and internal teams.

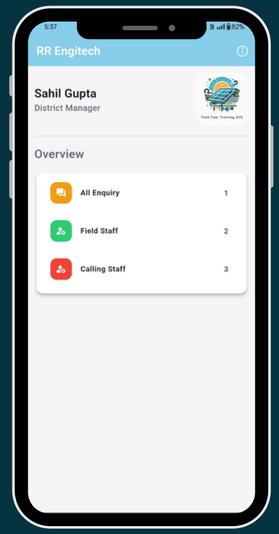
FLOW-



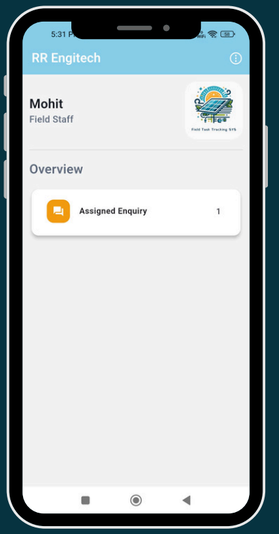
OWNER



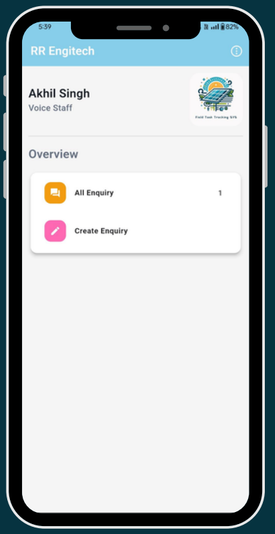
DISTRICT MANAGER



FIELD STAFF



CALLING STAFF



Workflow of the Application

The Field Staff reports the collected data to the District Manager, the manager uses the collected data to create a proposal who then passes it on to the Owner and directly contacts the customer with it.
If the customer likes the proposal, the project is approved; if not, further discussions take place.

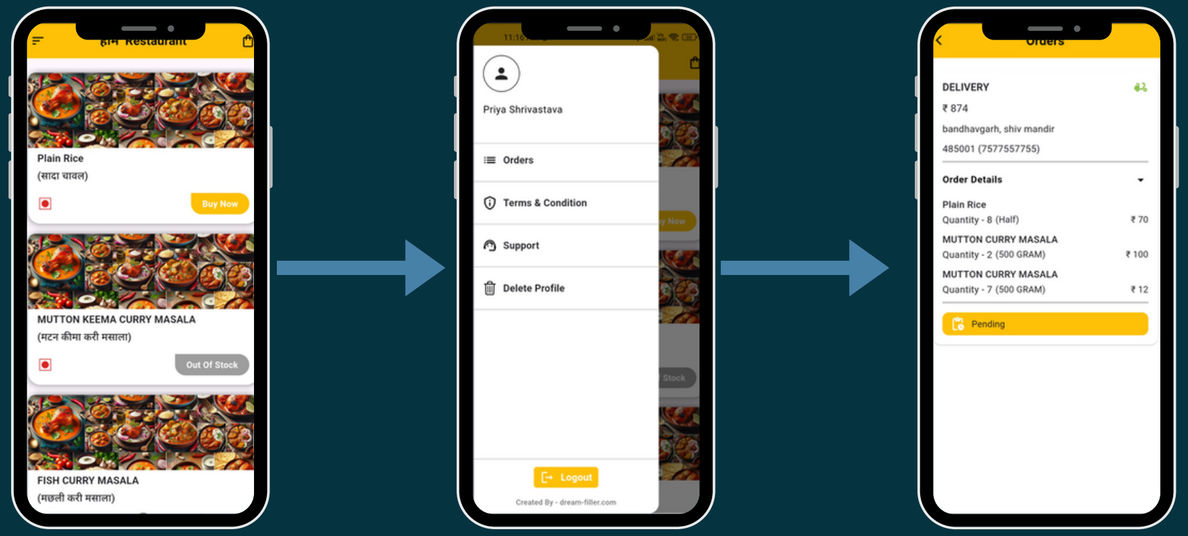
Field Staff visits customers to collect detailed solar project information.
The district manager reports the findings to the owner.

HOME RESTAURANT

The "Home Restaurant" app is a platform that connects food lovers with local, home-based chefs, offering a unique dining experience with freshly prepared, homemade meals. The app is designed to make it easy for users to browse available dishes, place orders, and enjoy the taste of home-cooked food conveniently.

Key Features:

- **Orders Management:** View and manage current and past orders easily.
- **Delete Options:** User can delete the profile from there.
- **Support:** Provides customer support to resolve any user issues.
- **Terms & Conditions:** Displays app policies and terms for user transparency.
- **LogOut Option:** To logout from the application securely.



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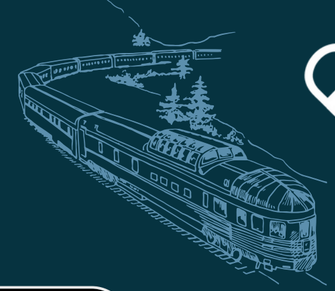
PNR STATUS



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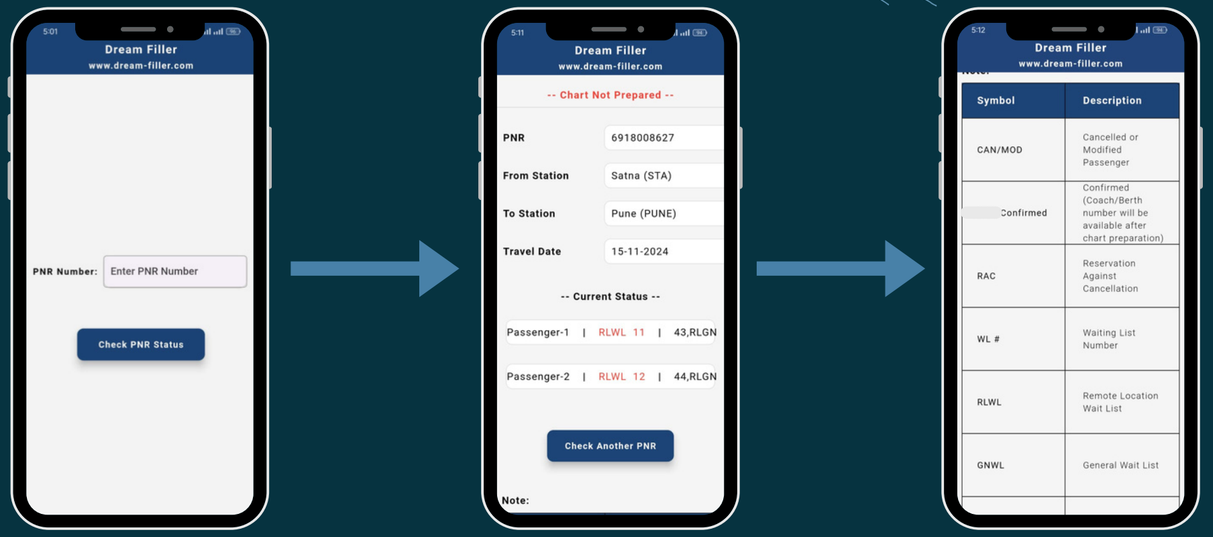
A PNR (Passenger Name Record) Status application is a tool used to check the current status of train tickets booked through the Indian Railways system. Here's a brief description of its key features and functionalities:

1. PNR Status Check: Allows users to enter their 10-digit PNR number to check the current status of their train ticket, whether it is confirmed, on the waiting list, or RAC (Reservation Against Cancellation)

2. Live Updates: Provides real-time updates on the status of the ticket, including seat and coach details, and platform number.

3. Additional Features: Some apps also include features like live train status tracking, fare enquiry, seat availability, and train schedules.

These applications are designed to make train travel more convenient by providing all necessary information and services in one place.



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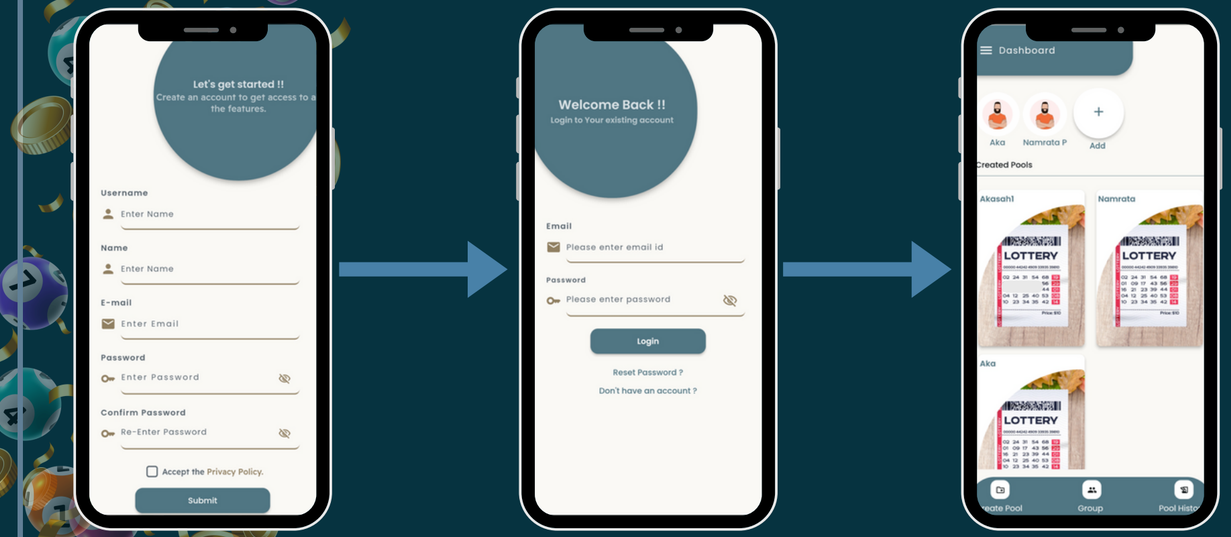
LOTTERY APPLICATIONS

The Lottery App is an innovative, user-friendly platform designed to revolutionize how lotteries are played and enjoyed by individuals and groups alike. This app brings a collaborative and interactive twist to traditional lotteries, allowing users to form groups, add friends, pool resources, and place bets on shared lotteries. It combines social networking features with the excitement of lottery games, making the experience not just about winning but also about building connections and enjoying the thrill together.

Key Points -:

- Friends added to your friend list.
- Created pools list – these are the pools created by you.
- Invited pool list – these pools are in which you have been invited.
- When you click on any one of the created pools ,you will visit a new screen which will contain all the information about that pool.



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