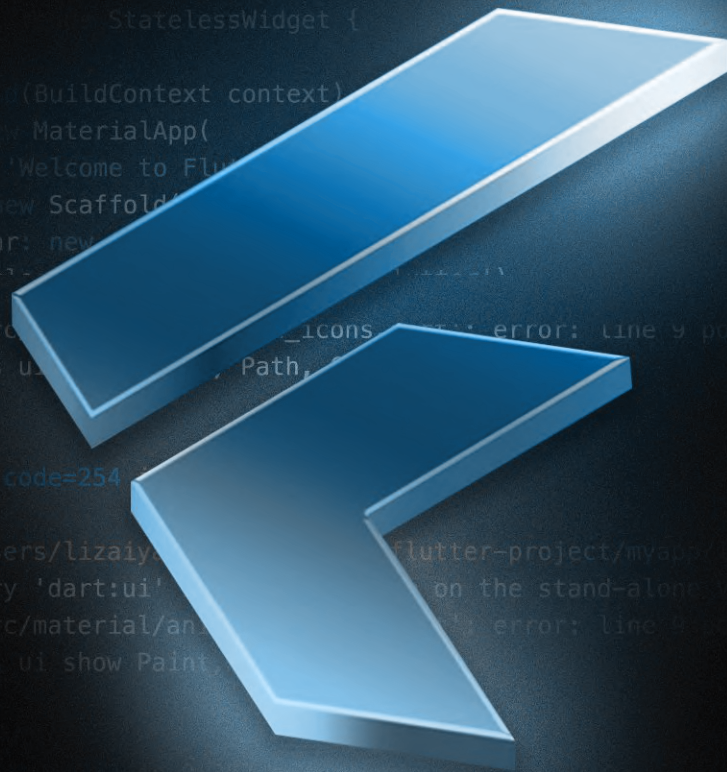




NoVA Ascend Dynamics
TRANSFORMING VISIONS. IGNITING GROWTH.

Capabilities

Flutter





About Us

Overview

 **4000+**
Employees

 **10**
Global Offices

 **9**
Development
Centers

 **1,00,000+** Sq.ft.
Office Space

Great
Place
To
Work.
Certified
INDIA

25+
YEARS OF
EXCELLENCE


 **CMMI DEV/5**

Clientele

 **1500+**
Clients


 **50+**
Countries

 **85%**
Clients Retention

 **22+**
Industry Verticals

Achievements

 **2000+**
Products Engineered

 **1500+**
Applications
Developed

 **12+**
Awards

< / > 20+
Million Development
Hours

Partners



Microsoft

 **Google Cloud**

 **Magento**


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Our Flutter Capabilities

Flutter Application Development

Cross-Platform Development

Performance Optimization

Integration with Native Features

Offline Support

Flutter Testing & Quality Assurance

Automated Testing

Manual Testing

Performance Testing

Security Testing

Flutter Customization & Extensibility

Custom Widget Development

Plugin Development

Theme Customization

Localization and Internationalization

Flutter Maintenance & Support

Performance Monitoring

Continuous Improvement

Bug Fixing and Updates

Platform Updates and Compatibility

Flutter Web Development

Responsive Design

SEO Optimization

Progressive Web Apps (PWAs)

Flutter Consulting Services

Code Review and Best Practices

Performance Assessment

Architecture Design

Flutter AI & AR/VR Integration

Natural Language Processing (NLP)

AI-driven Personalization

Cross Platform AR Development

How we help

Team Augmentation

A team of 4000+ Battle Tested engineers across 100+ Different Stacks.

We are your Digital Factory, dedicated teams to supercharge your development throughput.

0 Operational Overheads.

Agile & On Demand.

Fixed Scope

We offer meticulously crafted project specifications and timelines for cutting-edge development, seamless integrations and feature-rich solutions.

The Nova Ascend Dynamics approach ensures your projects are delivered with precision and excellence.

Managed Services

Our IMS services helps enterprises to run Business as usual.

With strong SLA driven services, 24x7 Support, Governance and Technology expertise, we help to optimize processes and costs.

Capabilities

Inhouse Talent Pool



Flutter

250+
Engineers



DevOPS

450+
Engineers



Mobility

700+
Engineers



UX/UI

250+
Engineers



**Testing/
Quality**

300+
Engineers



**Other
Technologies**

2000+
Engineers

Talent Access

Partner Network

10,000+ People Bench access

Recruitment Team

100+ Inhouse Headhunters

CoE

50+ Center of Excellence Team

9+ Offices

100,000+ Sq M of office space

Flutter Development Services

01.

Flutter Consulting

Tap into our team of seasoned Flutter experts to strategize and optimize your app development journey. From project planning to architecture design, we provide tailored guidance to ensure your Flutter projects are set up for success.

02.

Flutter Customization

Tailor your Flutter applications to meet your specific business needs and user requirements. Whether it's UI/UX enhancements or custom feature development, our team delivers flexible and scalable Flutter customization solutions that align with your brand and objectives.

03.

Flutter Integration

Seamlessly integrate Flutter applications with your existing systems and third-party services. Our integration expertise spans across various domains, including cloud services, APIs, and backend systems, ensuring a cohesive and interconnected digital ecosystem.

04.

Flutter Implementation

Experience a seamless transition to Flutter with our end-to-end implementation services. From project kick-off to deployment, our experienced team manages every aspect of the implementation process, ensuring a smooth and efficient adoption of Flutter within your organization.

05.

Flutter Support

Count on our dedicated support team to keep your Flutter applications running smoothly and efficiently. From troubleshooting issues to implementing updates and enhancements, we provide proactive support to ensure optimal performance and user satisfaction.

06.

Flutter App Development

Leverage the full potential of Flutter with our expert app development services. Whether you need a new app from scratch or want to revamp an existing one, our team can design and develop high-quality Flutter applications that deliver seamless user experiences and drive business results.

Flutter Technologies Experience



Dart Programming Language



Custom UI/UX



Third-Party Libraries



RESTful and GraphQL APIs



CI/CD Pipelines



Platform Channel Integration



Cross-Platform Development



State Management Solutions



Testing and QA

Industries Served



Banking & Finance



E-Commerce & Retail



Education & E-Learning



Government/ Semi Government



Healthcare



Insurance



IT & Consulting



Manufacturing



Media & Entertainment



News & Publication



Supply Chain & Logistics



Telecom

Delivered

6500+ Projects

Worldwide Across

22+ Industries

Differentiated Offerings



Taking captive offshoring to the next level, we have built a growth engine for your business. NeoNucleus – is your exclusive dedicated software development center, which delivers value beyond traditional efficiencies.

[Read More >](#)



NeoNXT is our next generation of graduate engineers, programmers & problem-solvers that strengthens and future-proofs your agile teams, helping organizations to tackle talent attrition and dearth of quality programmers.

[Read More >](#)

Selected Clientele

VOLKSWAGEN
FINANCIAL SERVICES
THE CITY GROUP



Guaranty Trust Bank plc
IC 0229



We understand your world



फिनो पेमेंट्स बँक



The background features a series of thin, light blue lines that originate from the bottom center and curve upwards and outwards towards the right edge of the frame. The lines are closely spaced and create a sense of motion and depth against the solid black background.

Case Studies

An Innovative Social Decision-making Application

Created an innovative platform to match restaurants, movies, attractions, and more.

Real-Time Interactivity

Responsive Design

Server-Side Efficiency

Outcomes

4x Improved Event Planning

- Utilized Flutter's cross-platform capabilities and Laravel's backend efficiency to streamline event planning, enabling users to collaborate seamlessly and efficiently organize movie nights or trips with group members.

60% Increased User Retention

- Leveraged UNIX/Linux servers for reliable performance, ensuring a smooth and secure experience for users, leading to improved retention rates and continued usage.

45% Expanded Platform Reach

- Flutter's cross-platform compatibility and PHP's server-side scripting achieved broad accessibility across devices and operating systems, expanding reach and user base significantly.

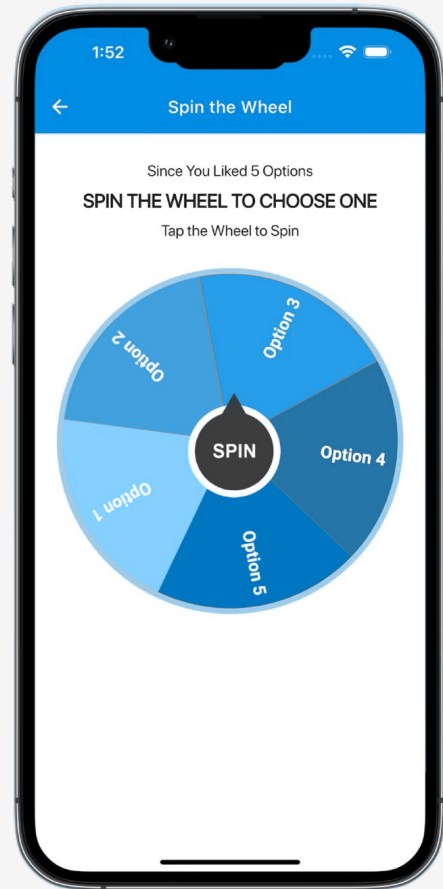
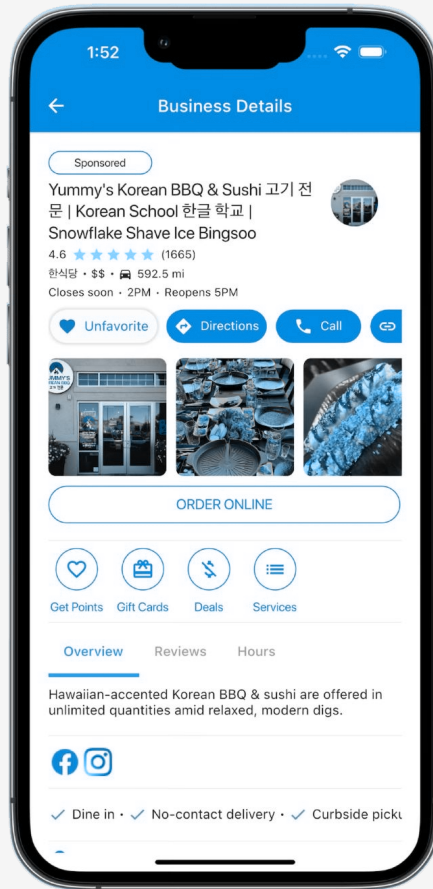
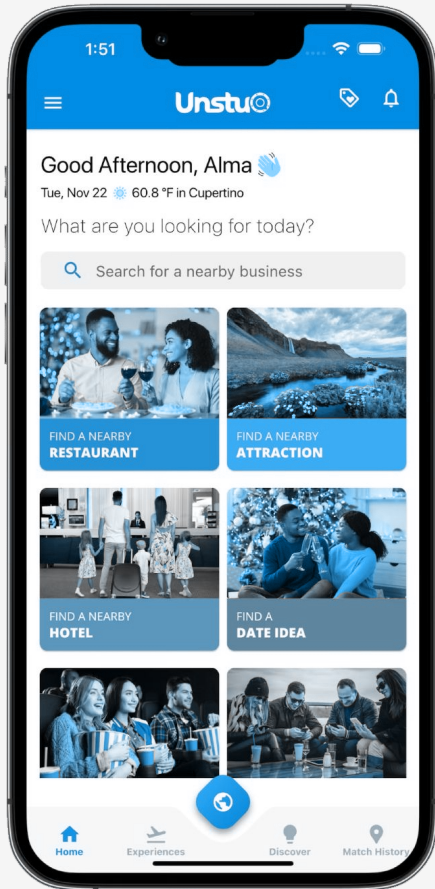
Solutioning

Challenges

- Seamlessly incorporating external APIs like 'TheMovieDb' and 'TripAdvisor' with their variations in data structures.
- Implementing a secure user authentication system with SMS verification while ensuring a seamless user experience and privacy concerns.
- Developing the app for both Flutter (mobile) and Laravel (web), needing synchronisation and consistency maintenance across platforms.

Solution Highlight

- Implemented robust error handling and established a flexible data processing mechanism to adapt to changes in external APIs.
- Prioritized a user-friendly authentication process, addressing privacy concerns through transparent communication.
- Leveraged the capabilities of Flutter for cross-platform development, adhering to the best industry practices and maintaining a standardized codebase for efficient updates.



A Convenient One-stop Solution for Food Delivery Needs

Built a user-friendly and comprehensive mobile app providing convenient access to nearby restaurants.

Error Monitoring

Location Services

Payment Gateways

Outcomes

75% Streamlined Ordering Process

- Integrated payment gateways, facilitating secure transactions, resulting in a streamlined ordering process for users, leading to increased customer satisfaction and repeat usage.

50% Enhanced Error Monitoring

- Utilized Firebase Crash Reporting, implementing robust error monitoring, enabling prompt detection and resolution of issues, ensuring a stable and reliable user experience.

6x Improved User Experience

- Achieved an improved user experience with faster response times and smoother interactions, enhancing overall satisfaction and retention rates.

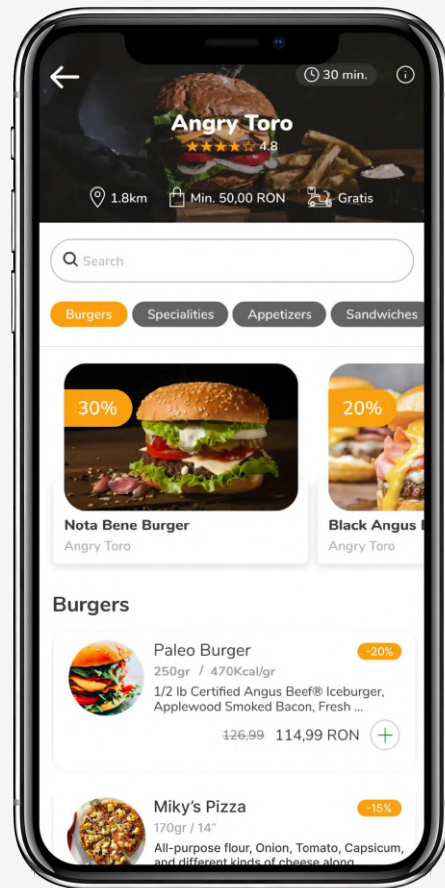
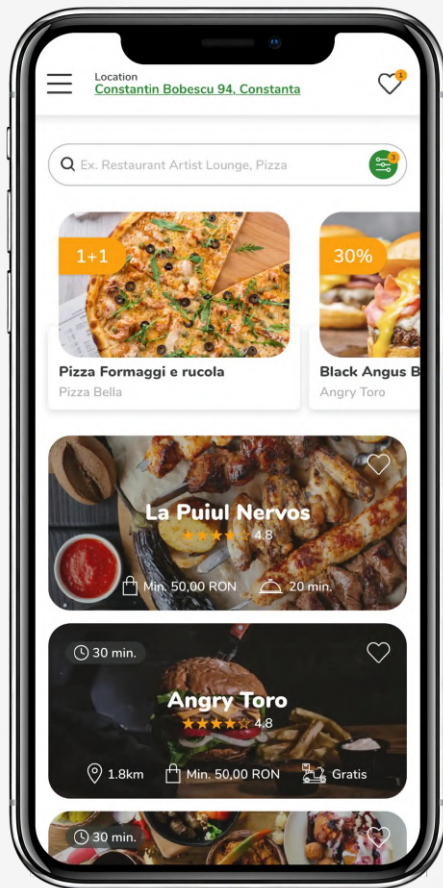
Solutioning

Challenges

- Dealing with the absence of an accurate location mapping API to provide location intelligence for food delivery.
- Creating an intuitive and responsive UI/UX design to increase user engagement and enhance user experience.
- Integrating a payment gateway to provide a secure portal for financial transactions.

Solution Highlight

- Seamlessly integrated Google Map API to accurately track the delivery status and provide real-time location updates.
- Developed a dynamic app using Flutter and its in-built design tools (themes, widgets, etc.) for cross-platform deployment.
- Leveraged Stripe, Google Wallet, and Apple Pay to perform secure payment transactions through the application.



A Mobile-Only Bank Providing Services via Application

Built an app with streamlined account opening and development using clean architecture and riverpod.

Accessibility

Efficient KYC Process

User Experience

Security

Outcomes

60% Enhanced Customer Convenience

- Customers can conveniently open accounts and conduct banking operations via the app, eliminating branch visits and streamlining banking.

100% Cross-Platform Accessibility

- Availability on various devices ensured broad accessibility and user satisfaction, enhancing engagement.

3x Advanced Development Practices

- By applying Clean Architecture, MVVM, and Riverpod for state management, the app's development is optimized for scalability and reliability.

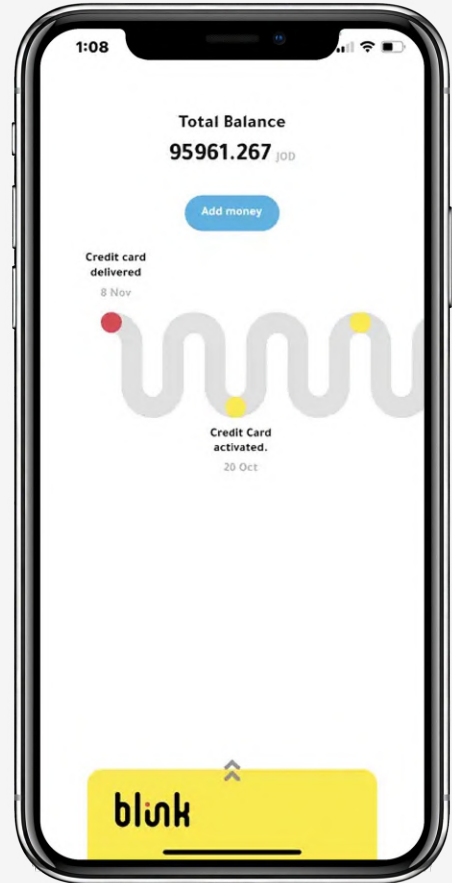
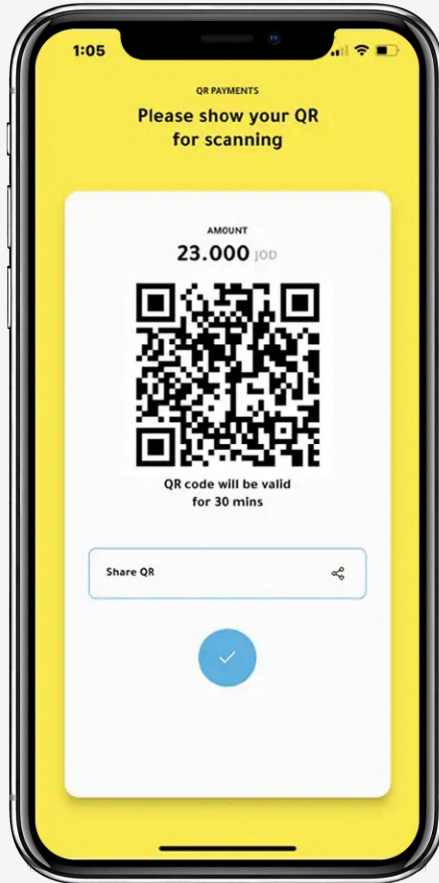
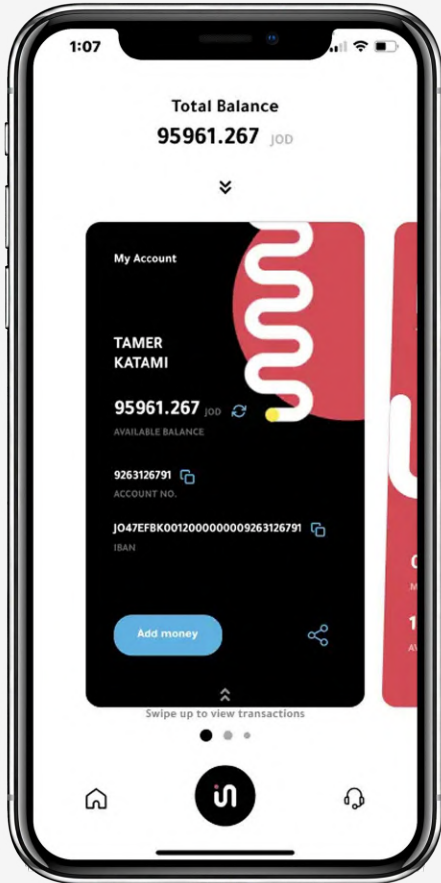
Solutioning

Challenges

- Streamlining onboarding with live KYC verification to ensure smooth customer experience and secure credit card verification.
- Resolve customer queries quickly and effectively with high-quality audio calls using Infobip-audio-service plugin.
- Lack of a trustworthy and secured online platform for making transactions.

Solution Highlight

- Leveraged the power of Agora SDK for secure and fast KYC verification to quickly and efficiently onboard customers.
- Users enjoyed smooth customer support conversations with our audio service plugin powered by Infobip.
- Built the app with Flutter's polished visuals, layout, typography, and color palette to improve the customer-centered user experience.



India's Premier Travel Membership Platform

Crafted a mobile app with direct bookings for buses, flights, and hotels, and the best deals overall.

Geolocation

Cloud Integration

UI/UX Design

Outcomes

3x Increased Revenue Generation

- Integrated comprehensive booking options and best deals from across the internet combined with optimized margins for agents resulted in a significant boost in revenue generation.

75% Strengthened Market Presence

- Utilized advanced analytics tools with targeted marketing strategies, bolstering market presence and visibility, and attracting more users and agents to the platform.

5x Increased Scalability

- Ensured optimized performance and scalability, enabling the platform to handle increased user traffic and future growth seamlessly.

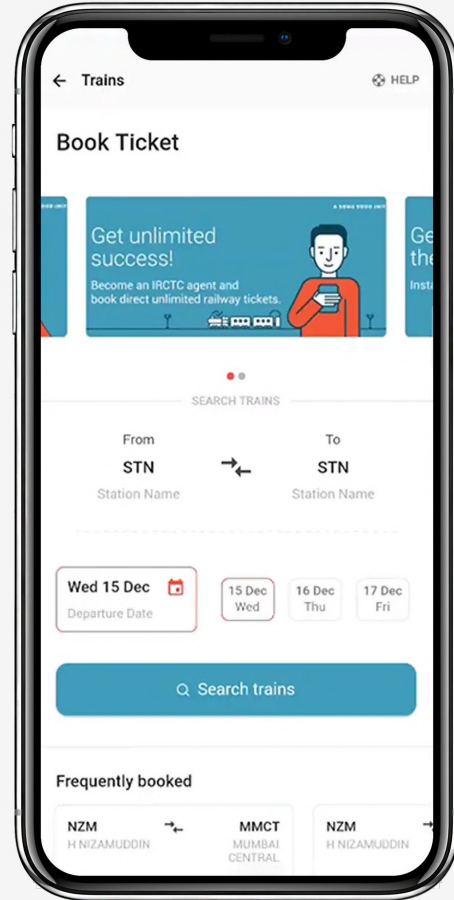
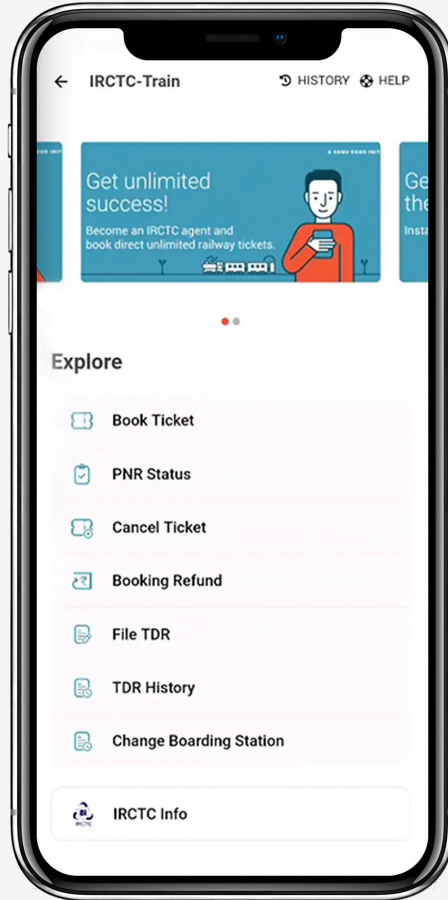
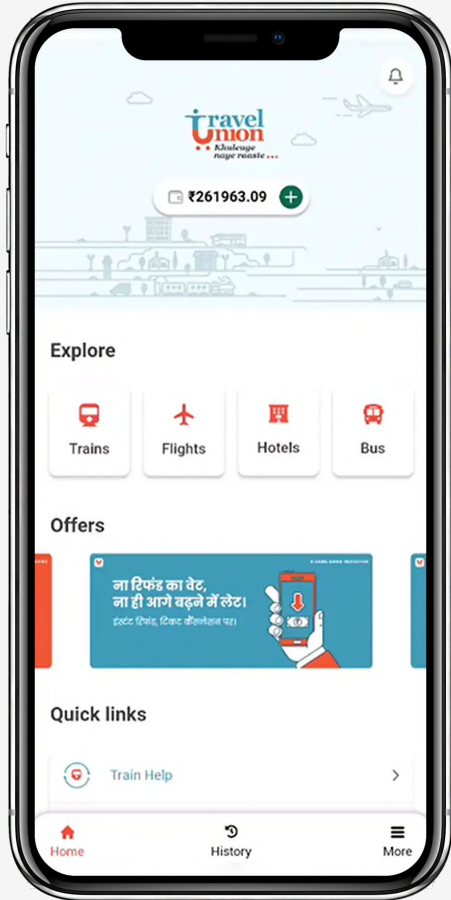
Solutioning

Challenges

- Establishing control of the business with the finest travel business platform with minimal effort and zero investment.
- Enabling rural travel agents to establish and expand their own profitable venture without investing a dollar.
- Updating the previous complex and difficult to navigate user interface.

Solution Highlight

- Ensured a comprehensive and intuitive user experience with all answers in one place, streamlined planning with a 360° view of options.
- Empowered rural travel agents to develop their own entrepreneurial ventures with little to no personal cost.
- Enabled users easily find the best routes and prices for their journey without having to switch between multiple platforms.



A Woman's Companion to Menstrual Management

Crafted a comprehensive period tracking app providing scientific accuracy, ease of use, and supportive guidance.

Social Media Integration

Payment Integration

Data Management

Analytics

Outcomes

80% Accurate Cycle Predictions

- Utilizing advanced algorithms and user input data, the app provides highly accurate menstrual and ovulation predictions, helping women better manage their reproductive health.

40% Enhanced User Education

- Featuring expert-written blogs and daily tips, the app educates users about their menstrual health, resulting in more informed and healthier lifestyle choices.

5x Better Visualization and Insights

- Provided users with clear visual representations of their menstrual patterns and trends, aiding in better personal health tracking.

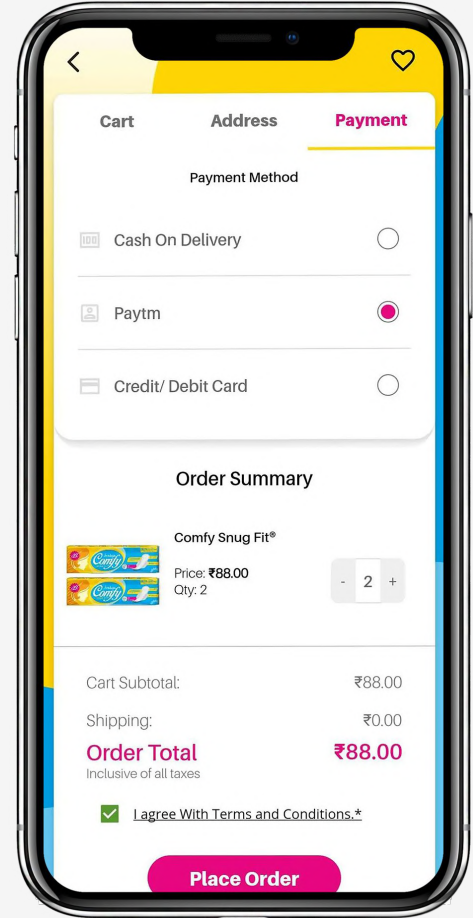
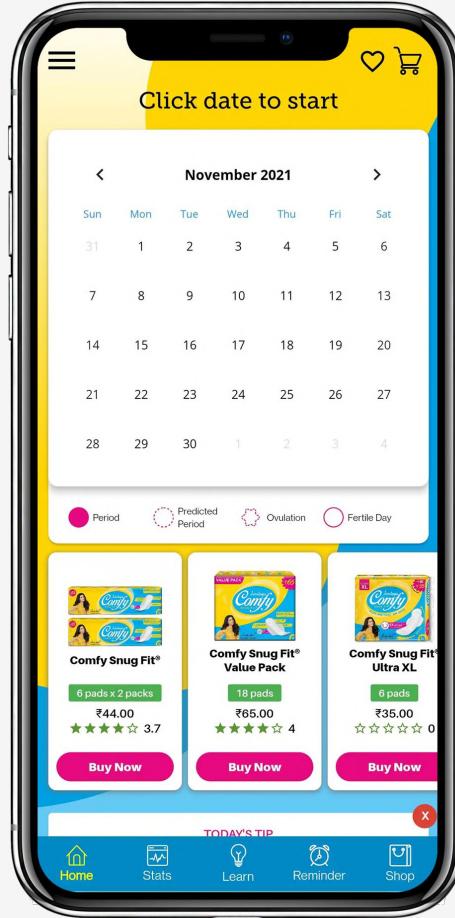
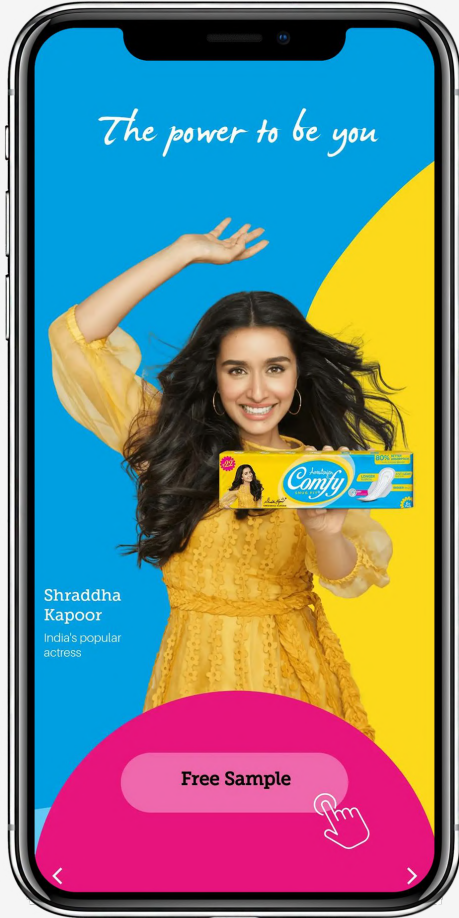
Solutioning

Challenges

- Recording the menstrual cycle accurately and predicting the period start and end and ovulation dates.
- Correcting the lack of interactive visual aids to showcase the period and ovulation dates and educate users about the female body.
- Absence of a visually appealing and highly comprehensible interface with real-time push notifications and updates.

Solution Highlight

- Utilized a calendar to plot all the period dates and ovulation dates with unique icons to track the history easily.
- Implemented a bar graph view for data visualization to track monthly history, and incorporated facts to inform users.
- Implemented a visually attractive user interface using HTML to augment the user experience.



The Largest and Most Innovative Online Art Platform in the Country

Developed a comprehensive and responsive web and mobile app to enhance user experience and accessibility.

Location services

Live streaming

Cross-platform development

Outcomes

63% Improved Accessibility

- The responsive web and mobile application made art more accessible, allowing users to browse and purchase art seamlessly across devices.

45% Increased User Engagement

- Integration of streaming capabilities and Google Maps features encouraged real-time interaction and exploration of art events and galleries.

3x Enhanced Artist Visibility

- The platform's new features offered artists better visibility and reach, helping them connect with a broader audience and potential buyers.

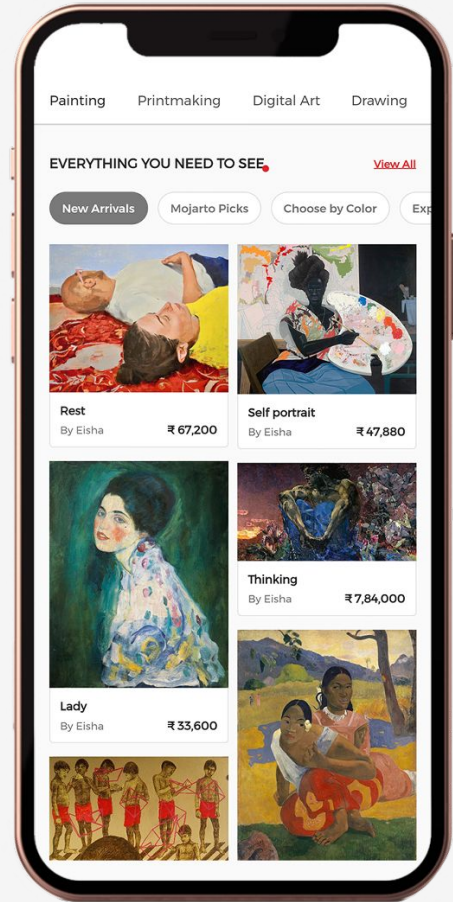
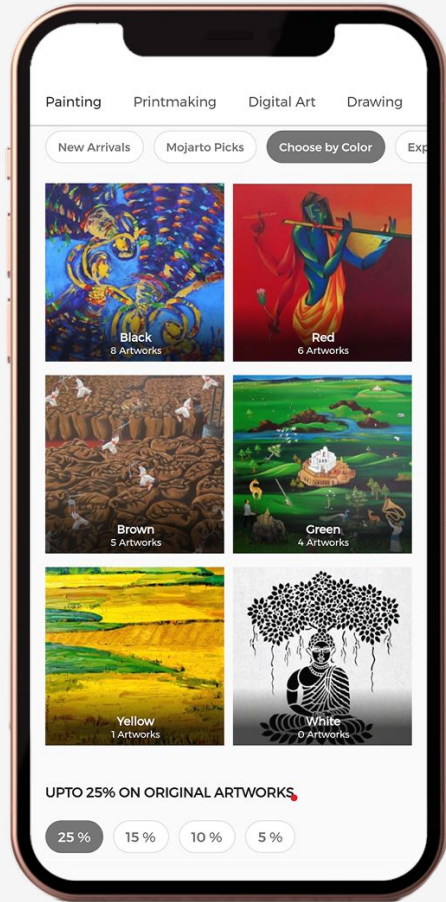
Solutioning

Challenges

- Ensuring consistent UI/UX across both mobile and web platforms due to differences in screen sizes and user interaction patterns.
- Optimizing Flutter web applications for a smooth user experience due to possible performance issues on certain browsers.
- Limited libraries and packages available for the relatively new web support for Flutter.

Solution Highlight

- Implemented responsive design principles and utilized Flutter's layout widgets to adapt UI components dynamically.
- Optimized the code, utilized code splitting, and incorporated lazy loading for web-specific optimizations.
- Modified existing web-specific packages to meet the needs of the web platform.



An All-in-one AI-enabled Restaurant Technology Ecosystem

Designed a platform to streamline restaurant operations and enhance customer experiences.

AI Integration

Operational Efficiency

Performance Optimization

Outcomes

4x Improved Operational Efficiency

- Leveraging AI algorithms and streamlined task management tools led to a significant increase in operational efficiency, reducing time and resource wastage.

100% Cross-Platform Compatibility

- Utilizing Flutter for cross-platform development ensured seamless performance across various devices and operating systems, maximizing reach and accessibility for both customers and staff.

72% Increased Reliability

- Implementing robust TypeScript codebase and best practices in software development ensured high reliability and stability, minimizing downtime and enhancing overall user satisfaction.

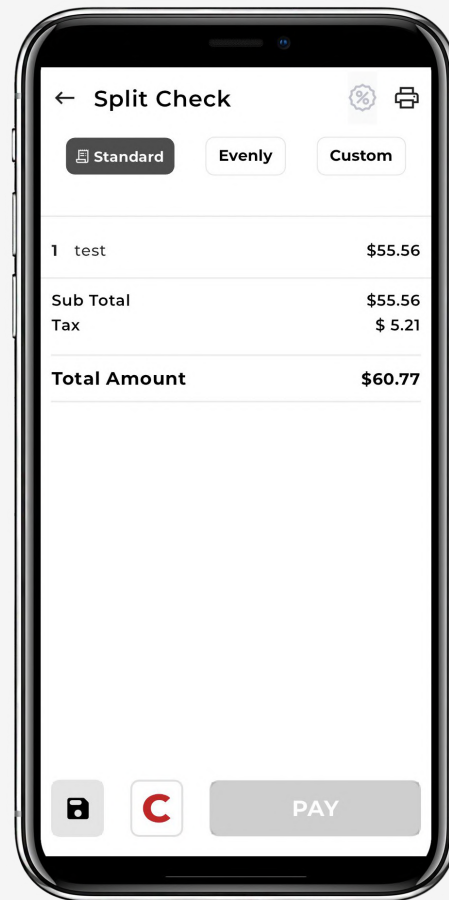
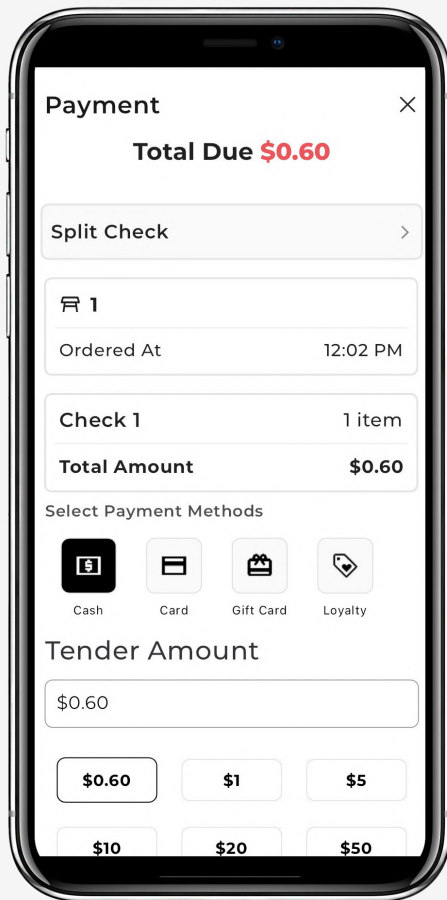
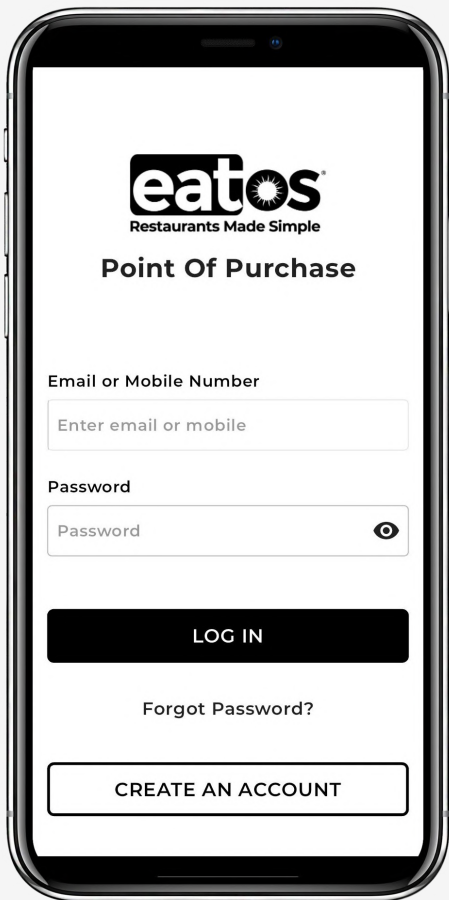
Solutioning

Challenges

- Managing the difficulty in the restaurant kitchen to track upcoming orders and prepare food accordingly.
- Integrating advanced artificial intelligence capabilities seamlessly into daily restaurant operations.
- Adapting the platform to the varying scales of different restaurants and accommodating their specific needs.

Solution Highlight

- Orders were efficiently tracked and organized, enabling the kitchen staff to prepare food promptly, optimizing overall restaurant operations.
- Our developers utilized robust programming techniques and thorough testing to ensure the seamless integration of AI components.
- Designed a highly scalable platform, offering customizable modules that can be tailored to fit the unique requirements of individual restaurants.



A Canadian Healthcare Technology Company Revolutionizing Healthcare

Leveraged modern tech to create a cutting-edge application with personalized, user-centric features.

Real-Time Communication

Agile Development

CI/CD

Data Security

Outcomes

8x Improved Accessibility

- Streamlined appointment management and specialist selection, enhancing access to healthcare services and promoting timely interventions and care.

65% Increased User Satisfaction

- Developed a smooth, responsive user interface, contributing to high levels of user satisfaction and positive feedback, ultimately improving the overall healthcare experience.

5x Enhanced Data Security

- Ensured robust data security measures and compliance with regulatory requirements, safeguarding sensitive healthcare information and maintaining user trust and confidentiality.

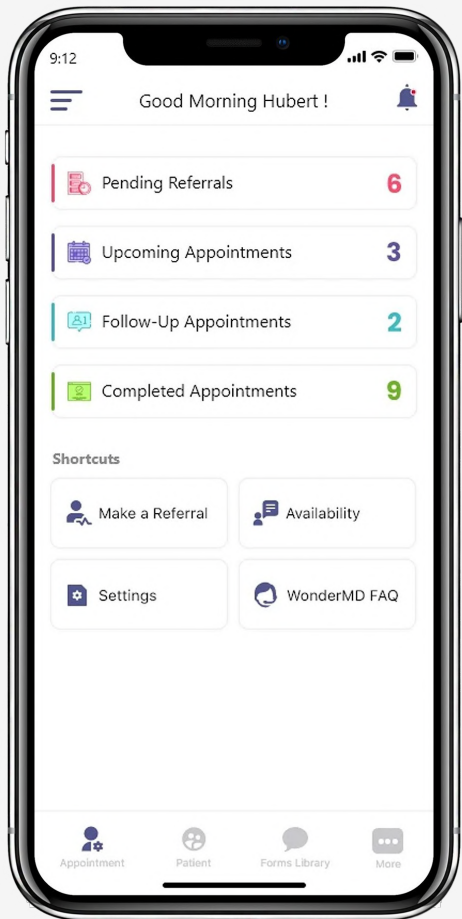
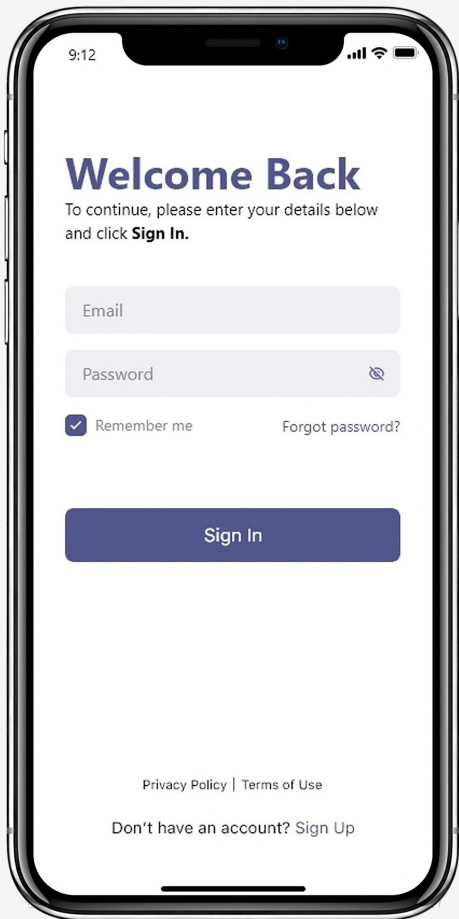
Solutioning

Challenges

- Ensuring that the application adheres to complex healthcare regulations and privacy laws of the area.
- Safeguarding sensitive healthcare data and ensuring patient confidentiality to maintain user trust.
- Ensuring that the application can run seamlessly across various devices and screen sizes.

Solution Highlight

- Conducted a thorough regulatory analysis and implemented robust data encryption and anonymization techniques.
- Employed robust encryption mechanisms and complied with healthcare data protection standards.
- Utilized Flutter's responsive design principles and implemented adaptive layouts to ensure a consistent user experience across a diverse range of devices.



Solutioning

Challenges

- Integrating external payment APIs to process payments from over 20+ channels quickly and efficiently.
- Incorporating a hassle-free and aesthetically pleasing UI for a smooth and seamless user experience.
- Building a safe and secure portal for payment transactions.

Solution Highlight

- Organized the APIs around REST, making them predictable, resource-oriented URLs, and used HTTP response codes to indicate API errors.
- Leveraged Flutter's design templates to create an intuitive and easy-to-use UI/UX design for an immersive user experience.
- Enhanced security and fraud prevention features make the application a secure and reliable payment gateway.

12:30

← Save & Quit

Business Details 3 minutes

Business Name*
Please make sure you enter the correct name as it cannot be changed later

My Food Store

Business Industry*

Select industry ▾

Business Description*
Briefly tell us what you sell and where you sell them on

e.g. I'm selling second-hand smartphones via Instagram and Whatsapp.

12:30

Your withdrawal is in process


We'll notify you once it's done!

Withdrawal Details

Bank	BCA
Account Number	123456789
Account Name	Chris Wijaya
Amount	IDR 90.000
Date	10/10/2021 15:59

When will my money arrive? >

12:30



Payment Link Created!


Simply share the link below to your customer


BEVRGE-1662534701
John Doe

IDR 645.000

<https://xen.to/4sLas0X8> Copy Link

More Actions

 Share to WhatsApp

 Share via...

A Personalized Digital Companion to Krishnamurti's Teachings

Built a feature-rich mobile application with Krishnamurti's books, videos, and audio recordings.

Cross-Platform Development

API Integration

User Authentication

Outcomes

70% Enhanced User Engagement

- Integrated social media APIs, interactive features, and personalized content delivery increased user engagement, fostering a more immersive and interactive experience.

5x Increased App Downloads

- Utilized Flutter's cross-platform capabilities and extensive media library to achieve over 1T+ downloads, reaching a broad audience across multiple devices.

3x Streamlined Content Management

- Efficient use of Retrofit and GSON for API integration and Firebase for backend services streamlined content management and delivery, enhancing the overall user experience.



Solutioning

Challenges

- Implementing Flutter for cross-platform development, addressing challenges to ensure a consistent and smooth user experience across devices and browsers.
- Incorporating "Chewie Player" for video content and "AudioPlayers" for audio content needs synchronized and responsive media playback for a diverse range of content.
- Implementing secure authentication methods, including social logins and manual registration, while managing user profiles and data securely with careful privacy and security considerations.

Solution Highlight

- Developed a robust data migration strategy, including data profiling and cleansing, ensuring the integrity and accuracy of migrated data.
- Ensured that Flutter 12.4 was configured to align with the bank's operational needs while minimizing disruptions during implementation.
- Implemented a robust loan harmonization strategy, ensuring that loan products were seamlessly integrated into Flutter, and integrated 3rd party applications, streamlining operations and enhancing overall customer experience.


AWAKENING OF INTELLIGENCE


Authentic source of the teachings of J. Krishnamurti
from Krishnamurti Foundation India

J. Krishnamurti (1895 - 1986)

One of the greatest religious teachers of all time, Krishnamurti travelled the world over giving talks and holding dialogues not as a guru but as a friend.

[Know More >](#)

Ask your question on life →

Insight

It seems to me that, without understanding the way our minds work, one cannot understand and resolve the very complex problems of living. This understanding cannot come through book knowledge. The mind is in itself quite a complex problem. In the very process of understanding one's own mind, the crisis which each one of us faces in life can somewhat be understood and gone beyond.

[More on Insight >](#)

Education
🔊 Audios

Why are you Educating your Children?

Seminar 1, Rishi Valley, 24 November 1983

🕒 01:41:43

Change begin with inner
▶

00:04:38

Futility of thought in psychological world
▶

00:03:14

▶ Play Full Audio

Relationship between Highly Educated People and the Rest of the World

🕒 01:30:16

In the existing educational pattern, certain aspects are over emphasised. Would it not be...

🕒 01:30:16

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A

Action

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W
X
Y
Z

Ambition

Anger

Artificial intelligence

Attachment

Attention

Awareness

B

Beauty

Belief

C

Cancer

←

An Online Platform Facilitating Government Procurement

Utilized Flutter to enhance speed, transparency, and value in transactions while redefining procurement norms.

Digital Transformation

Speed Optimization

Accessibility

Outcomes

8x Improved Accessibility

- Streamlined appointment management and specialist selection, enhancing access to healthcare services and promoting timely interventions and care.

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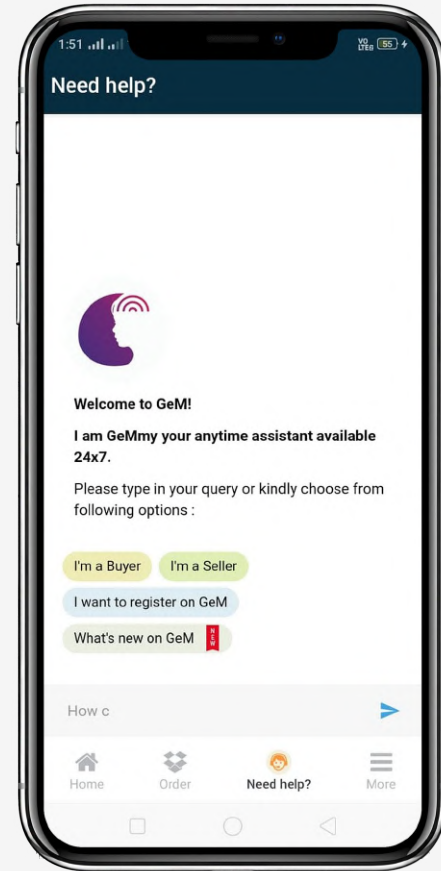
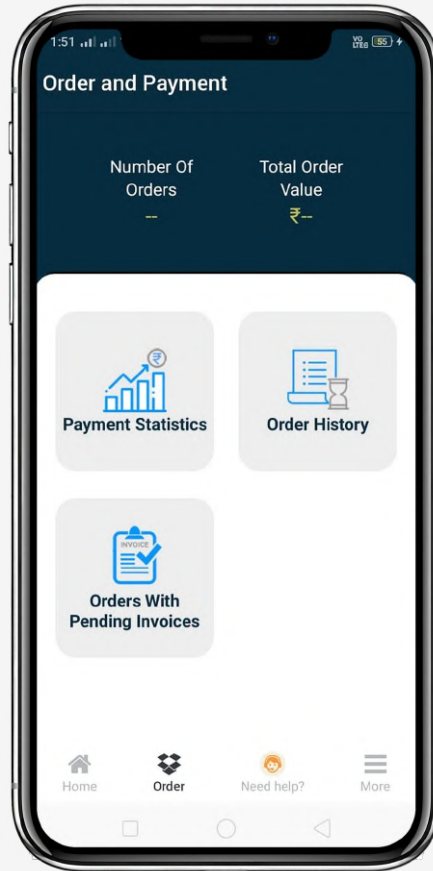
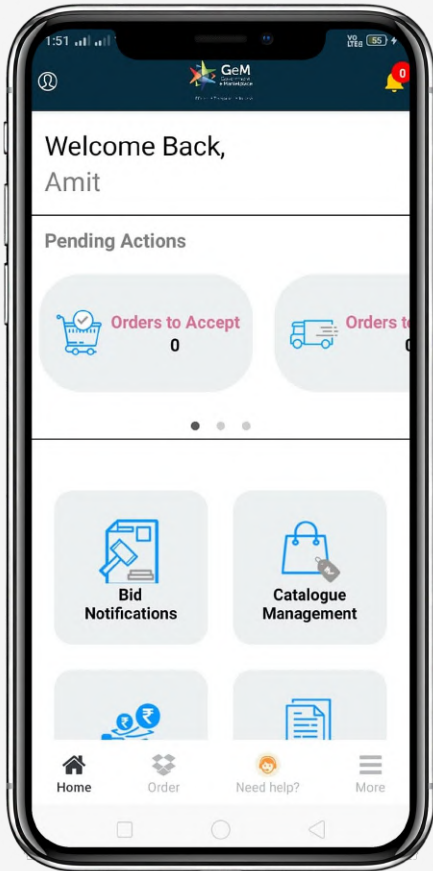
Solutioning

Challenges

- Ensuring robust security measures to safeguard sensitive government data and transactions from potential cyber threats.
- Establishing a secure and user-friendly authentication system to verify government users and ensure proper authorization.
- Integrating the app with existing government systems, databases, and third-party services seamlessly.

Solution Highlight

- Implemented end-to-end encryption and adhered to industry best practices to fortify the app against security vulnerabilities.
- Implemented strong authentication protocols like multi-factor authentication (MFA) and integrated with government systems to verify user identities.
- Employed standardized APIs, collaborated closely with relevant government departments, and conducted thorough integration testing to ensure smooth interoperability.



An All-In-One Eye Care App

Built a platform for precise and user-friendly eye tests and exercises, generating comprehensive patient reports.

Cross-platform development

Payment Gateway

Data Security

Outcomes

70% Enhanced Eye Health Precision

- Streamlined and quantifiable assessments with Flutter and Firebase Realtime Database significantly improved the accuracy of eye health evaluations.

4x Increased Accessibility

- Cross-platform compatibility through Flutter expanded the app's reach, making eye health services more accessible to users on various devices.

45% Better User Experience

- Interactive UI and app performance optimization with Flutter led to a smoother, more responsive user experience.

Solutioning

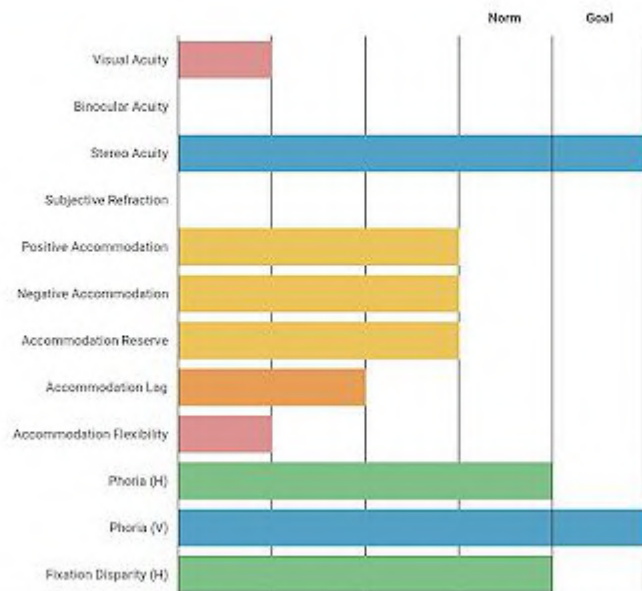
Challenges

- Ensuring a smooth integration for push notifications, real-time data management, and secure transactions.
- Managing sensitive health data, safeguarding payment information, and preventing data breaches.
- Achieving consistent performance on both Android and iOS platforms.

Solution Highlight

- Conducted thorough testing, extensively utilized Firebase and Stripe documentation, and leveraged best practices to ensure seamless integration.
- Implemented encryption protocols and complied with relevant data protection regulations to ensure user privacy.
- Employed platform-specific optimizations and utilized Flutter's platform-specific APIs when necessary.

Graph





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