



<https://anamoulrouf.com>

Anamoul Rouf

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About Me

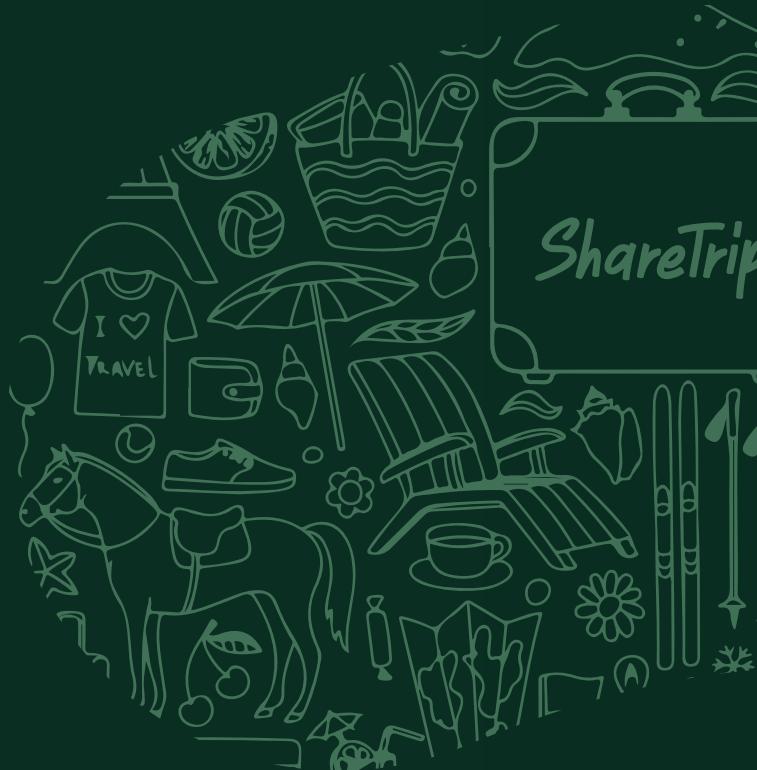
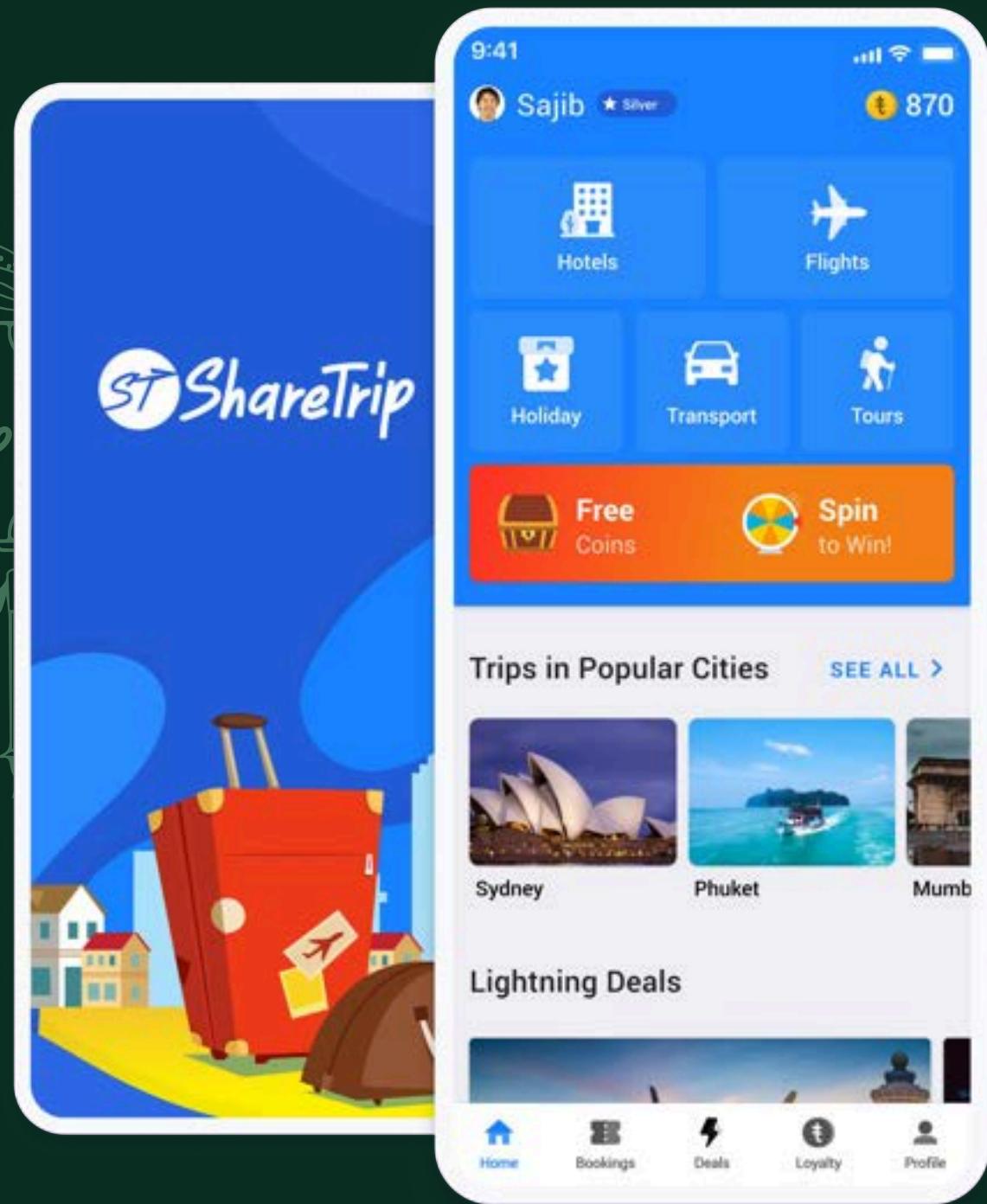
Profile

I'm a Product Designer with more than 8 years of working experience building bridges between business, technology, and human.

- I've helped startups and product-driven companies to build **8 mobile apps, 15 web applications**, and 35 websites.
- I believe in design practice that is data-informed and driven by empathy.
- I'm passionate about balancing complex business requirements, and user needs through a user-centered design process.

Sample of the products and companies I have worked with:







Designing Travel App Experience from Scratch

Project

ShareTrip Mobile Application

Timeline

October 2018 - March 2019

My Role

UX Research, UI/UX Design

Tools

Miro, Adobe XD, Zeplin, Figma, Notion.

Platform

iOS and Android.

Team Collaboration

Product, Marketing, Sales, Customer Support, and Tech.

Background

ShareTrip is the pioneer online travel aggregator (OTA) in Bangladesh. Initially, it was providing offline flights, hotels, and holiday package booking services.

Design Challenge

Our challenge was to design Android and iOS mobile applications from scratch, ensuring functionality, simplicity, intuitiveness, easy-to-use, conversion-friendly, and frictionless booking experience.

Outcome

- The success rate was 76% in the booking experience.
- 55% of the users revisit.
- Our online booking was increased by 25%.



Process

Design Thinking & Lean UX Design

I help the team to choose a mixed approach of Design Thinking and the Lean UX design process.

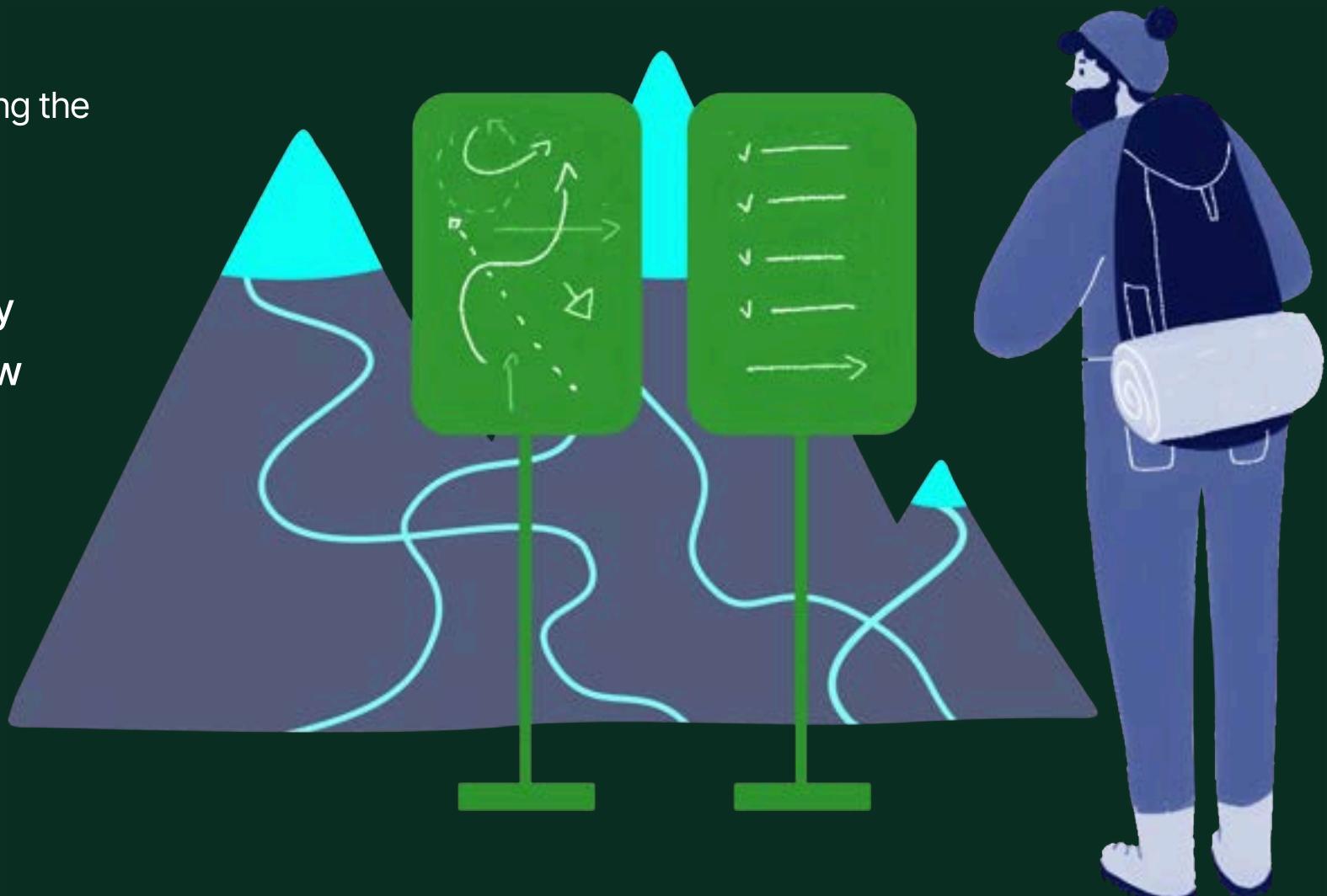


Understand

I have no ideas about the travel industry!

So I started seeking answers to my questions, understanding the end goal from users and business perspectives

- What does the product do?
- Who is the audience? Where they live, what they think, like & do? Where / When / How / Why /How often do they use it?
- What are the business goals?
- Do the business goals support the user goals?



Findings

I asked questions to 30 people of different ages, occupations, categories.

Out of which 48.5% were males, and 51.5% were females.

They are mainly from **20-55 years of age**. Collaboratively I worked with our product, engineering, marketing, sales, and customer support teams.

The insights from the answers of those questions were interesting.



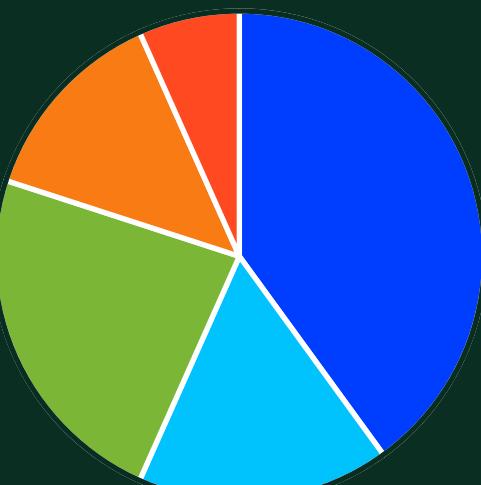
Findings

How often do you travel



- 1 time a year
- 2-3 times a year
- 4-5 times a year
- 5-6 times a year
- 6+ times a year

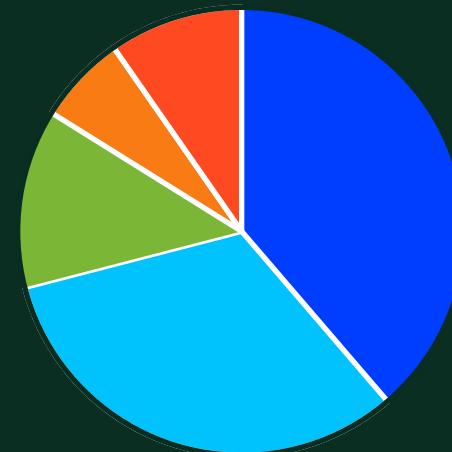
Age Groups



- 20-29 (40%)
- 30-39 (16.7%)
- 40-45 (23.3%)
- 46-59 (13.3%)
- 50-55 (6.7%)

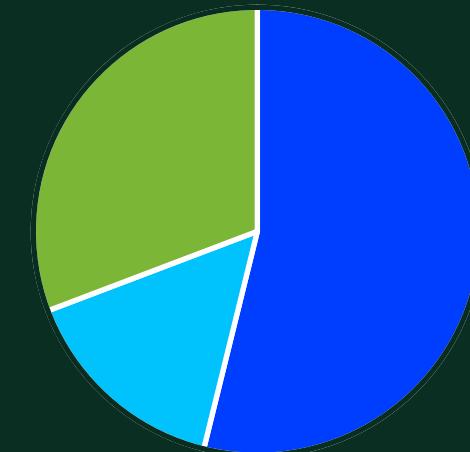
Participants varied in age which played a factor in some of the research results from the answers given

Main motivation for travelling



Age Group: 20-45

- Discovering New Places (38.7%)
- Business Trips (32.33%)
- To Get Away (12.9%)
- Rest & Relaxation (6.5%)
- Others (9.7%)



Age Group: 46-55

- Rest & Relaxation (30.8%)
- Discovering New Places (15.4%)
- Others (9.7%)

Findings

Do you think you would enjoy the experience of having a travel expert plan an entire trip for you? Why or why not?

Participant #5 | Age 32 | Male

Unlikely, I wouldn't mind receiving a plan from an expert. I would appreciate time to explore more on my own.

Participant #5 | Age 25 | Female

No, we like the freedom of planning our own travels and don't enjoy the constraints of a trip planned by someone else. It usually doesn't allow any spontaneity during the trip.

Participant #9 | Age 45 | Male

Yes, because they would have a lot more experience than me. It would save me a lot of time.

Mehedee Hasan



Age: 28 Years

Profession: Software Engineer

Family: Wife

Travel in last year: 2 times

Bio

He is not a very frequent traveler, but he looks for relaxing trips with family. He prefers to choose cheapest flights as well as the nearest hotel from the destinations. Also, make a comparison between offers he gets.

How often do you book flight and hotel?

1-2 times in a year

What do to look for while planning a trip?

- Recommendations for lowest fares (85%)
- Save money (75%)
- Comfort (70%)
- Clarity in information (100%)

Goal

- Find cheapest flight in less time
- Recommendation about hotel and places
- Easy to communicate

Frustration

- Got stuck while adding personal info
- No clear communication on meal, extra luggage, seat selection, etc.

Doing

- Asks his friends for recommendations.
- Reads reviews from other travelers.

Seeing

- Look at his favorite blogger's Instagram page for inspiration.
- His Hopper app alerts him that now is a good time to buy airline tickets.

Thoughts & Feeling

- How many vacation days do I have saved up? How much will a trip cost me?
- Do travel agents still exist?

Pains

- It's hard to coordinate my schedule and it takes me too long to plan a trip.

Gains

- I feel so refreshed and energized after vacation. I'd like to collaborate with someone to plan a trip. There are so many travel resources online that are helpful.

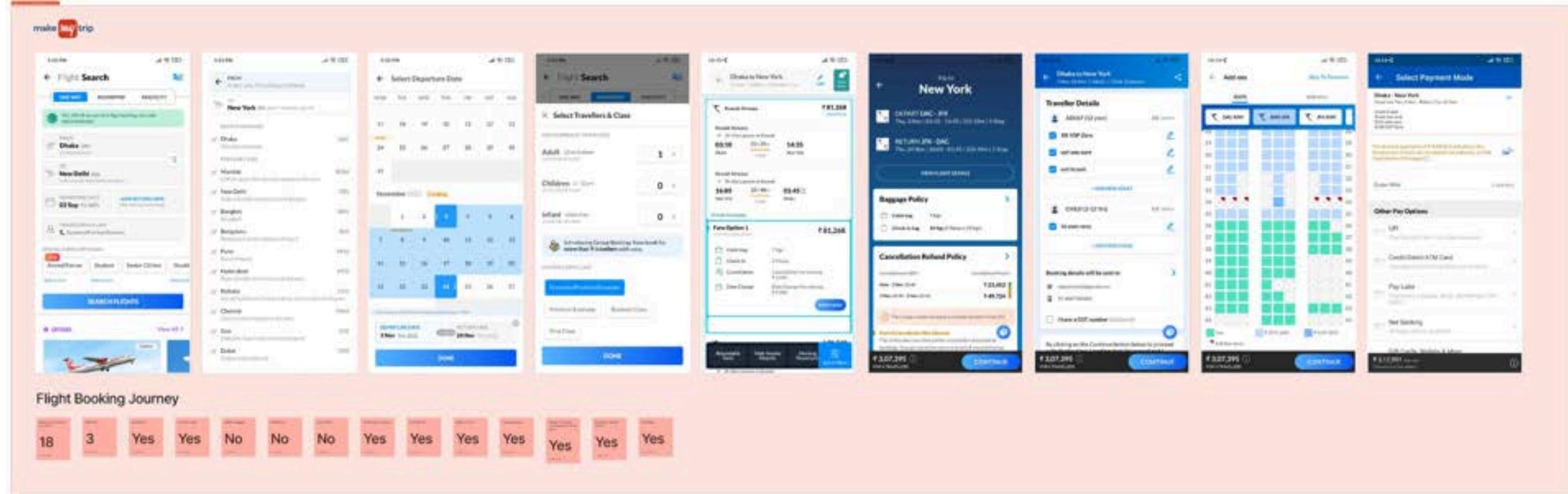
Competitors Analysis

I analyzed Make My Trip, Kayak, Agoda, Expedia, Booking.com, Rate Hawk, Hopper, Goibio, Airbnb, Skyscanner, and others popular online travel apps.

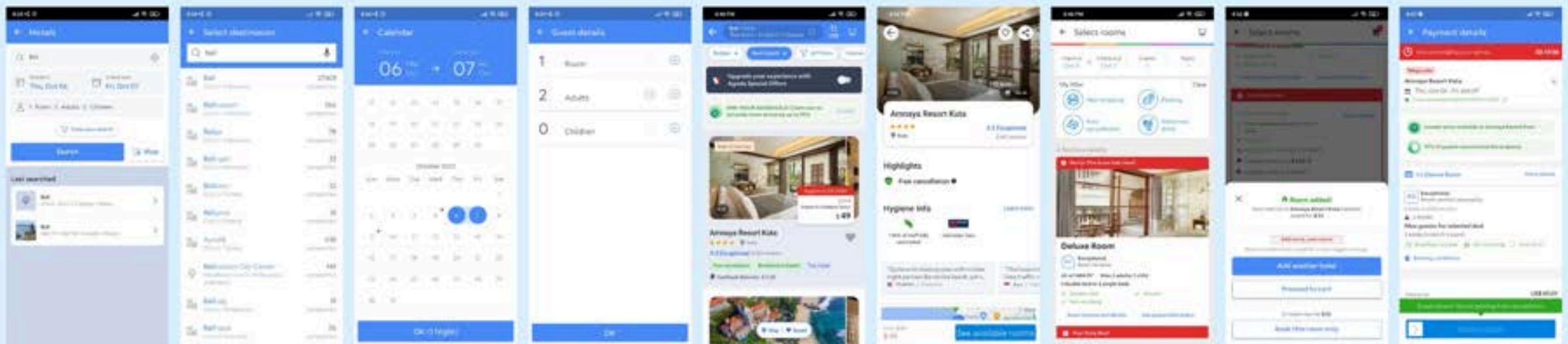
I explored their booking journey flow through platforms and visited Google Playstore, Appstore, and social media pages to know about their users.

[Learn More](#)





agoda



Hotel Booking Journey

16 Yes Yes Yes No No No No Yes Yes Yes Yes Yes Yes

 MakeMyTrip Hotels, Flight, Bus

Ratings and reviews

A Google user · November 5, 2018

Excellent and easy to-use app. However, it appears like sometimes it artificially creates a scarcity of availability to push you into closing the booking in a hurry. Which has often lead to making wrong choices or not giving enough time to understand more about the property. It would be good if it categorised bed & breakfast, lodges, hotels and resorts separately.

10 people found this review helpful

Did you find this helpful? Yes No

A Google user · September 22, 2018

Horrific. The MMF bonus plan is just horrific. It adds points to your wallet which you can not use at all. The bonus cash however big the number shows up has a huge restriction and has an immediate expiry. The app assumes you travel every day and will clean up the points if no booking is done frequently.

5 people found this review helpful

Did you find this helpful? Yes No

MakeMyTrip—Hotel, Flight, ITC Authorised Partner · September 23, 2018

Really sorry about the experience and we certainly do not want our users to face the inconvenience. Would request you to share the details on service@makemytrip.com along with the booking id to check the details and resolve.

A Google user · November 13, 2018

For few months I have not been able to book through MM. Also membership bonus subscription could not be made. MMF does not accept any of my cards and requires instead to try to send bank transfer or call toll free numbers. It's very time consuming and at the end frustrating. I am a frequent traveller.

Did you find this helpful? Yes No

MakeMyTrip—Hotel, Flight, ITC Authorised Partner · November 14, 2018

Really sorry about the experience and we certainly do not want our users to face the inconvenience. Would request you to share the details on service@makemytrip.com along with the booking id to check the details and resolve.

A Google user · December 13, 2018

Most useless app ever. Makes you transfer to website to search flights. Website and in-app price vary widely. They don't have customer support. I literally waited half an hour and still didn't get a response. Worst customer service response. They are not even worth one star. They just want money as cancellation charge and rescheduling charge is not different.

11 people found this review helpful

Did you find this helpful? Yes No

MakeMyTrip—Hotel, Flight, ITC Authorised Partner · December 15, 2018

Really sorry about the experience and we certainly do not want our users to face the inconvenience. Would request you to share the details on service@makemytrip.com along with the booking id to check the details and resolve.

A Google user · September 15, 2018

Good app, but there seriously needs to be a limit on how many notifications the app sends. The rate at which the app sends notifications is can only be described as viral. The developer should provide an option for the user to select what kind of notifications he wants to see, and how often.

 Agoda

Ratings and reviews

A Google user · June 29, 2018

Lousy experience. Went to book a 2 night's stay at one hotel, when I got to the property, they said my booking was not registered on their system. Additionally, they claimed that agoda had not been paying the clients payment since 2018. Please correct me if this is not the case, and process your bookings properly as your app says. This is so frustrating!

19 people found this review helpful

Did you find this helpful? Yes No

agoda.com · June 25, 2018

Hi RR Joseph Flores, We apologize for the unpleasant experience. If there is something more we can help you with, please email us along with your reservation number (if any), guest name, e-mail used to make the booking, phone number, your request, and send to agospoorter@agoda.com. We will look into it. Regards, Jar

Chris L · April 15, 2018

So, it's a hotel booking app, but you cannot cancel a reservation using the app. I have 2 phones, Android AND iOS, and cannot cancel a reservation in either app. You have to call!! Been on hold 10 minutes as far... its almost 2019, and this is just about the most basic thing to do... But Agoda can't! And now you have to sign in to a website. No Agoda. Time for you to be deleted.

194 people found this review helpful

Did you find this helpful? Yes No

agoda.com · November 27, 2018

We are sorry to hear the unpleasant experience. Please e-mail your Agoda booking ID, request and your phone number to agsupport@agoda.com. We'll get back to you soon.

A Google user · December 13, 2018

I made a booking one day before check-in but my trip was delayed so I had to request the change in check-in date. I contacted the hotel staff and they instructed me to contact Agoda to make amendment. I was told that without confirmation from Agoda, they wouldn't make the change. I called Agoda hotline at 8pm but nobody attended to me till half an hour. Called again at 8pm and waited for 40 mins and still got no answer. In the end, I failed to change the date and my money was forfeited. Bad service!

11 people found this review helpful

Did you find this helpful? Yes No

agoda.com · December 13, 2018

We are sorry to hear the unpleasant experience. Please e-mail your Agoda booking ID, request and your phone number to agsupport@agoda.com. We'll get back to you soon.

A Google user · December 13, 2018

I booked a few times using this app and it was ok the rooms always look bigger than they are. I can't cancel a booking on the app alone even though it was booked just a few days ago. I have to go to the website to cancel it. I didn't particularly like talking to Singapore customer service. They were not very helpful. I am not a fan of their representatives as I feel they aren't as approachable. The most frustrating experience in agoda is they give gift cards after each booking but it expires in only a month if you expect us to have the luxury of taking vacations every month. It would be better if it has 1 yr validity so people can actually claim it but maybe your goal with that is so that nobody claims it.

19 people found this review helpful

Did you find this helpful? Yes No

 Booking.com: Hotels and more

Ratings and reviews

A Google user · November 23, 2018

App would get 3 stars but the booking "assistant" is just terrible. Instead of directly messaging the hotels you have to write to this stupid, inefficient assistant that forwards your message. Sometimes it doesn't work at all. Sometimes you wait 5 minutes until it does. Sometimes it never stops loading. Very annoying experience. I just want to write and get a quick, simple response and don't want to check the app every 10 mins until a the message get forwarded. XQD processing must go faster.

10 people found this review helpful

Did you find this helpful? Yes No

A Google user · December 20, 2018

I installed this while looking for good deals on hotel booking online and I must say this does a very good job. The interface is slightly cluttered but doesn't break the experience. I like the way that results are shown and the filters work great. You also get to see reviews and deals in great detail. In all, a great app to have if you're a frequent traveler.

184 people found this review helpful

Did you find this helpful? Yes No

A Google user · December 21, 2018

Sorting doesn't work. When trying to sort search results, I always get sent back to the home/start screen of the app once I click the sort button. Hence, I can't do custom sorting in the app and often end up using the mobile website instead. Other than that, the app is great!

40 people found this review helpful

Did you find this helpful? Yes No

A Google user · December 6, 2018

This app is a time saver! We travel frequently and this app is a big help for us. I am given options that I would have spent hours comparing. Its easy, convenient and concise in the hotel descriptions. Everything you need to plan a trip is on this website. I wouldn't know what to do without it!

19 people found this review helpful

Did you find this helpful? Yes No

A Google user · December 17, 2018

Cannot find a way to exclude dorm rooms anymore. Even if you exclude hostels in the filter a lot of dorm rooms are classified as hostels so results are still saturated with dorms meaning the price on the front screen is not representative of room cost. Makes using the app very difficult and as a result I have resorted to using an app that allows me to search and filter rooms not beds. Shame as booking was always my go to app and site.

180 people found this review helpful

Did you find this helpful? Yes No

 Expedia: Hotels, Flights & Car

Ratings and reviews

A Google user · September 14, 2018

3 very irritating parts of the user experience: 1) every update, which seems to happen more than weekly, asks log you in. It seems like every time I open this app I need to log back into it even though I haven't explicitly logged out. 2) there's no thumbnail view for a hotel's image gallery - if you can't see them all at once in a grid format and decide to view in more detail to quickly see if a hotel is suitable. This means, for some hotels, you have to swipe through 40+ repetitive individual photos of the same room decor before you get to see if the outside of the building looks like it's in a dump.

61 people found this review helpful

Did you find this helpful? Yes No

A Google user · December 10, 2018

Expedia wants you to love the app but they do not give you the same options and capabilities as the full web site. For example, you cannot book more than one hotel room at a time. I was also unable to view previous reservations and trips since they had passed. I enjoyed having the app overall, but am considering deleting it if I keep having to use the website anyway. I don't need it taking up room on my phone if it doesn't make booking trips more convenient than the web site.

21 people found this review helpful

Did you find this helpful? Yes No

A Google user · September 27, 2018

I was browsing rooms and went back and forth to a specific hotel that was \$82 a night. The price changed to \$149 right for a split second as I tried to book it immediately. I was rushing as I didn't do the math before confirming my total. Ended up booking for full price. I cancelled my booking, so now I'll have to wait for the refund to credit back to my account. I spoke with a rep and she offered to help me confirm the price for my next booking. ☺ What a nice rep!

19 people found this review helpful

Did you find this helpful? Yes No

A Google user · December 19, 2018

I am typically a loyal Expedia user, so I hate to give only 3 stars, however there is a problem with the "pay-at-pickup" car rental idea. If you book through Expedia this way, the car rental company feels no obligation to hold a car for you. So basically walking up to the counter with a "pay-at-pickup" reservation is like walking up with no reservation at all. They may not have the car you reserved or they may not have a car at all. While this isn't really Expedia's fault, I feel it's misleading for Expedia to even offer this type of car rental if the car companies aren't actually going to honor it. Please remove it from the app or improve it's reliability.

8 people found this review helpful

Did you find this helpful? Yes No

A Google user · December 14, 2018

The difference between the prices for flights vary hugely between the app and Expedia internet site. I was trying to book return flights from Paris to Los Angeles for 4 people and the difference in price ended up at 1200 euros difference. Also tried to book a car for the same trip and it was very expensive. I wouldn't even give this app 1 star.

1 people found this review helpful

Did you find this helpful? Yes No

A Google user · November 21, 2018

Recently the prices advertised are not correct. They changed immediately once you want make the booking. I tried to call them to alert associates in Expedia. I've called them twice and they gave me the

Learn More

Hypothesis

To make the service more engaging to the users we build a Gamified Travel App system. We also introduced TripCoin, a virtual currency.

- We had used game elements and **Point Badge Leaderboard (PBL)** system.
- We came up with a wheel game, **Spin to Win** and **Treasure Chest**.



Product Feature Roadmap

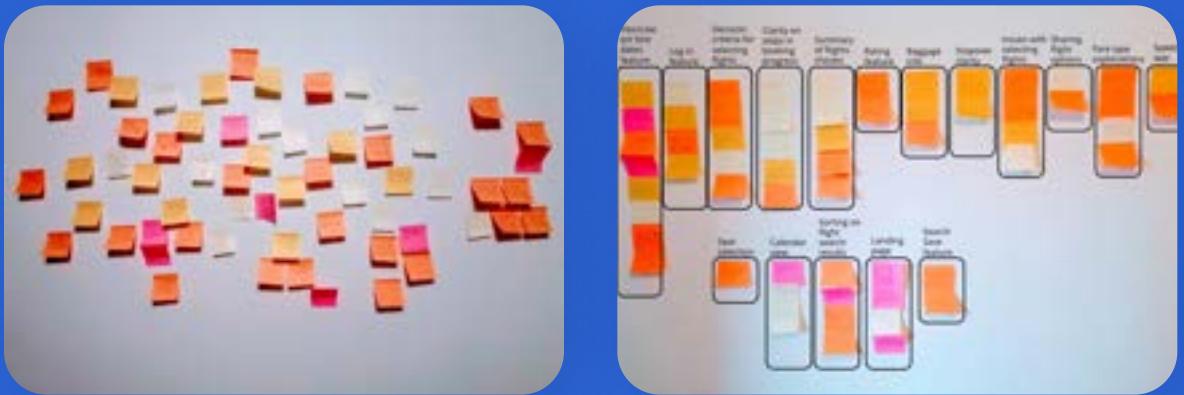
I put together a product feature roadmap of the features needed and a priority list based on our goals and objectives.

Must Have:

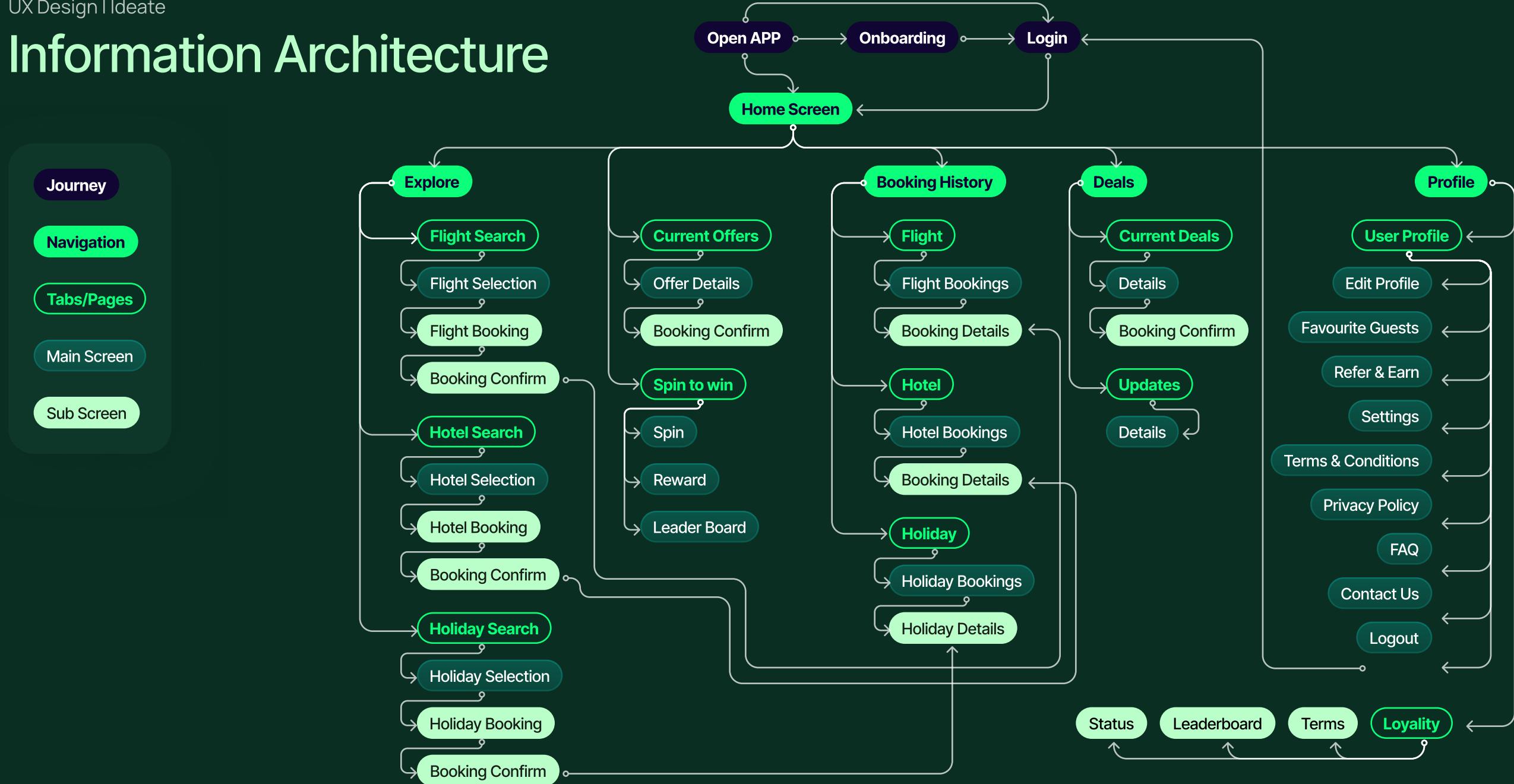
- Users should be able to do flight bookings.
- Users should be able to do hotel bookings.
- Users should be able to manage flight & hotel bookings.
- Users should be able to manage their profile.
- Users should be able to play games & earn TripCoins.
- Users should be able to redeem TripCoins as discount.
- Users should be able to make payments easily.

Nice to Have:

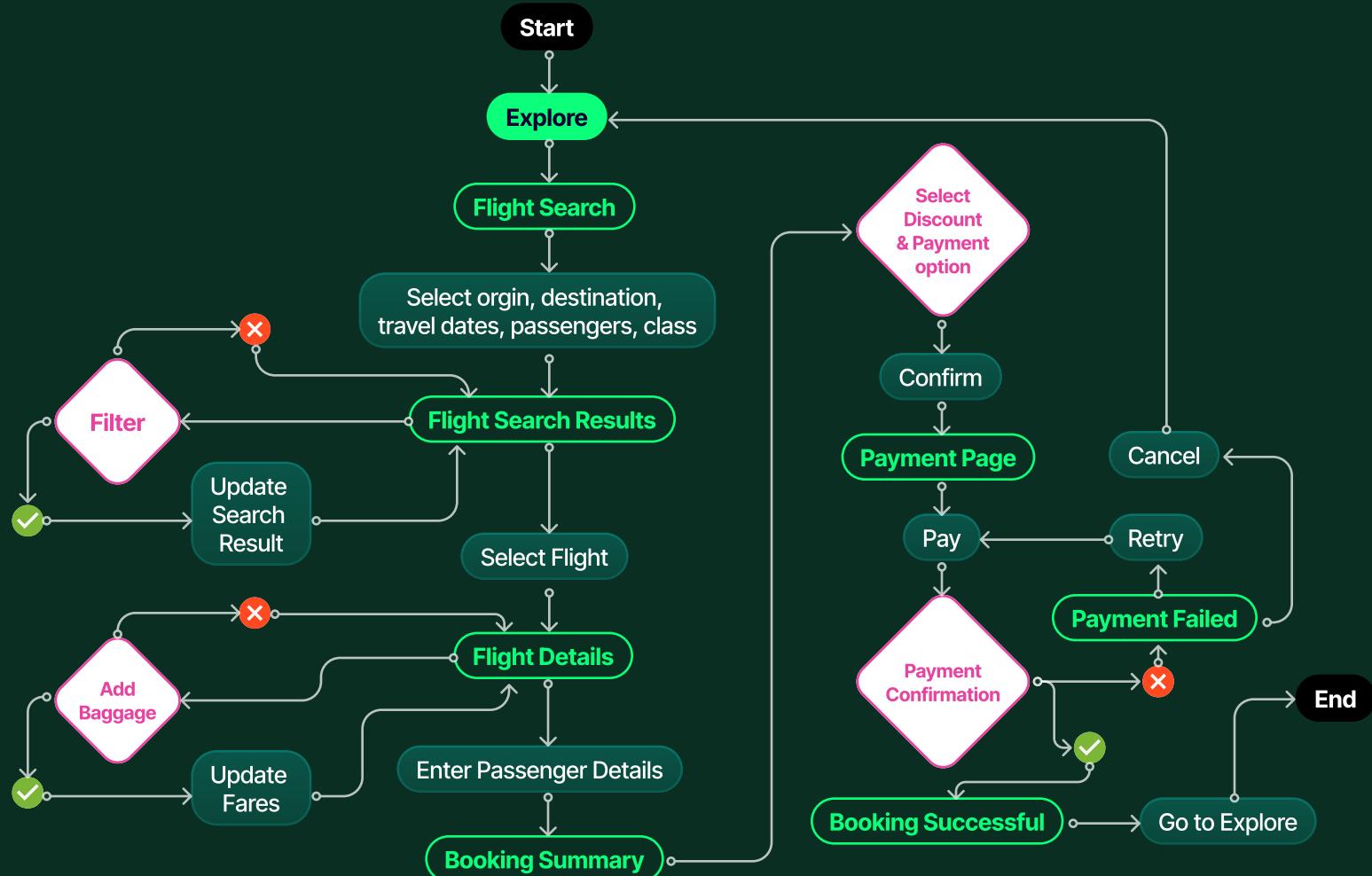
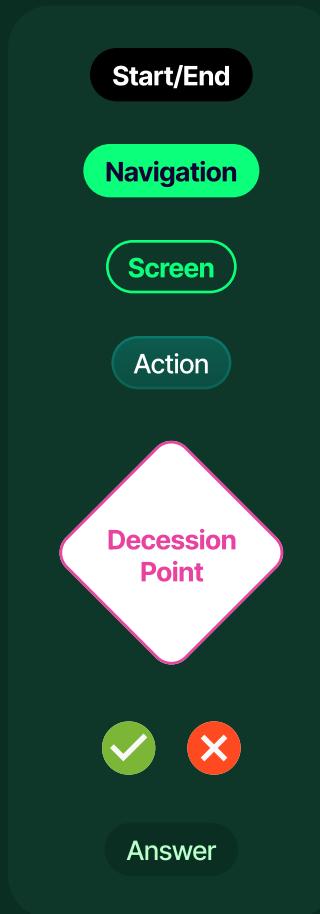
- Live Chat with customer care.
 - Available seats, add extra baggage, seat selection, meal selection during flight bookings.
 - Special request, room request during hotel bookings.
 - Payment form after the booking is accepted.
- ... and more.



Information Architecture

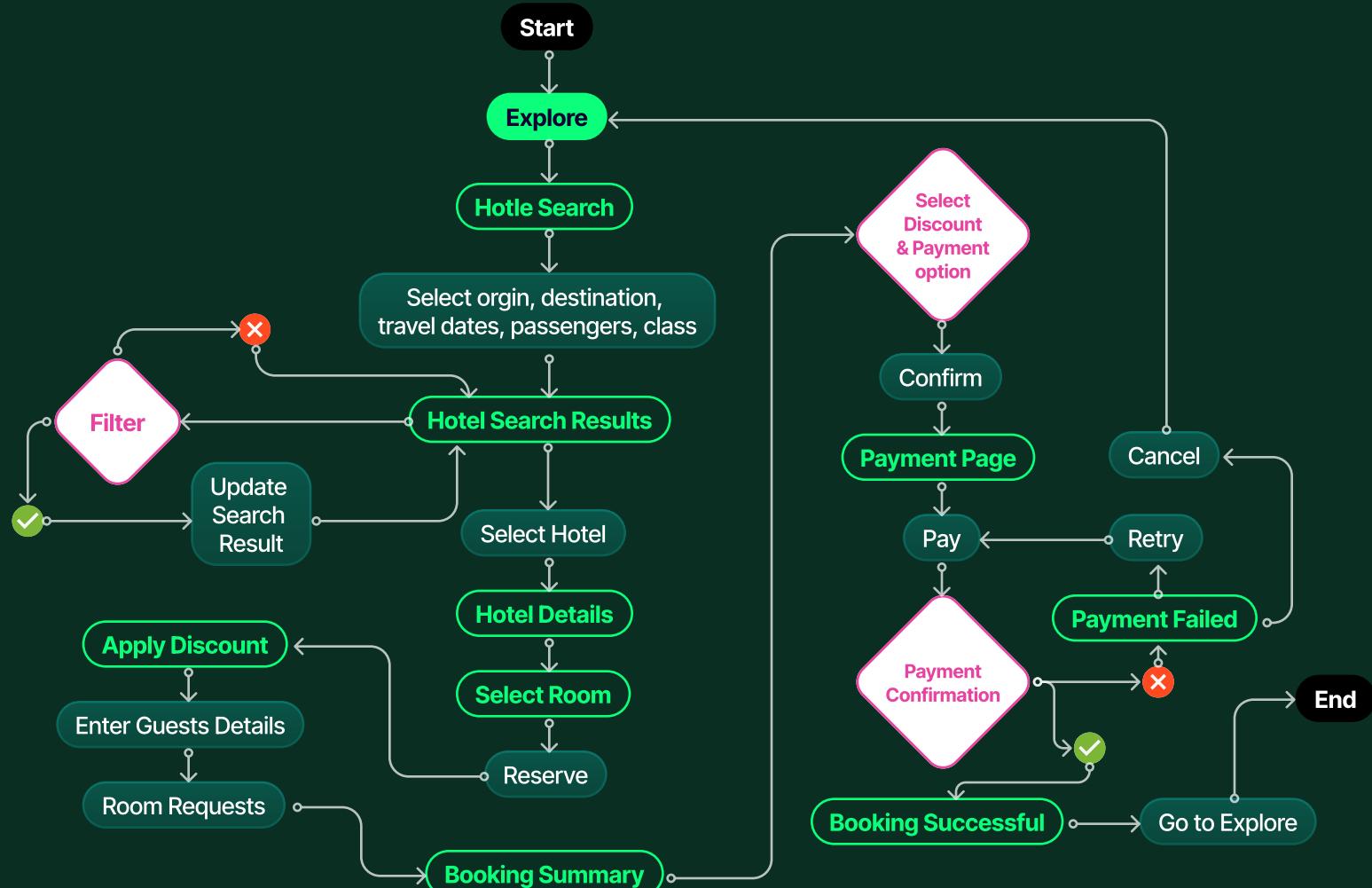
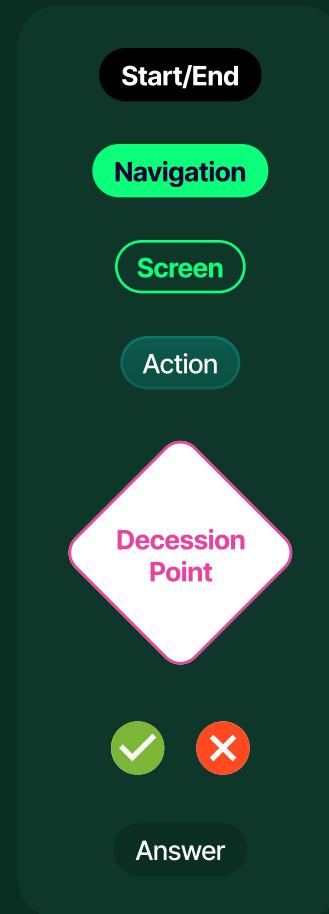


User Flow Map



Flight Booking User Flow

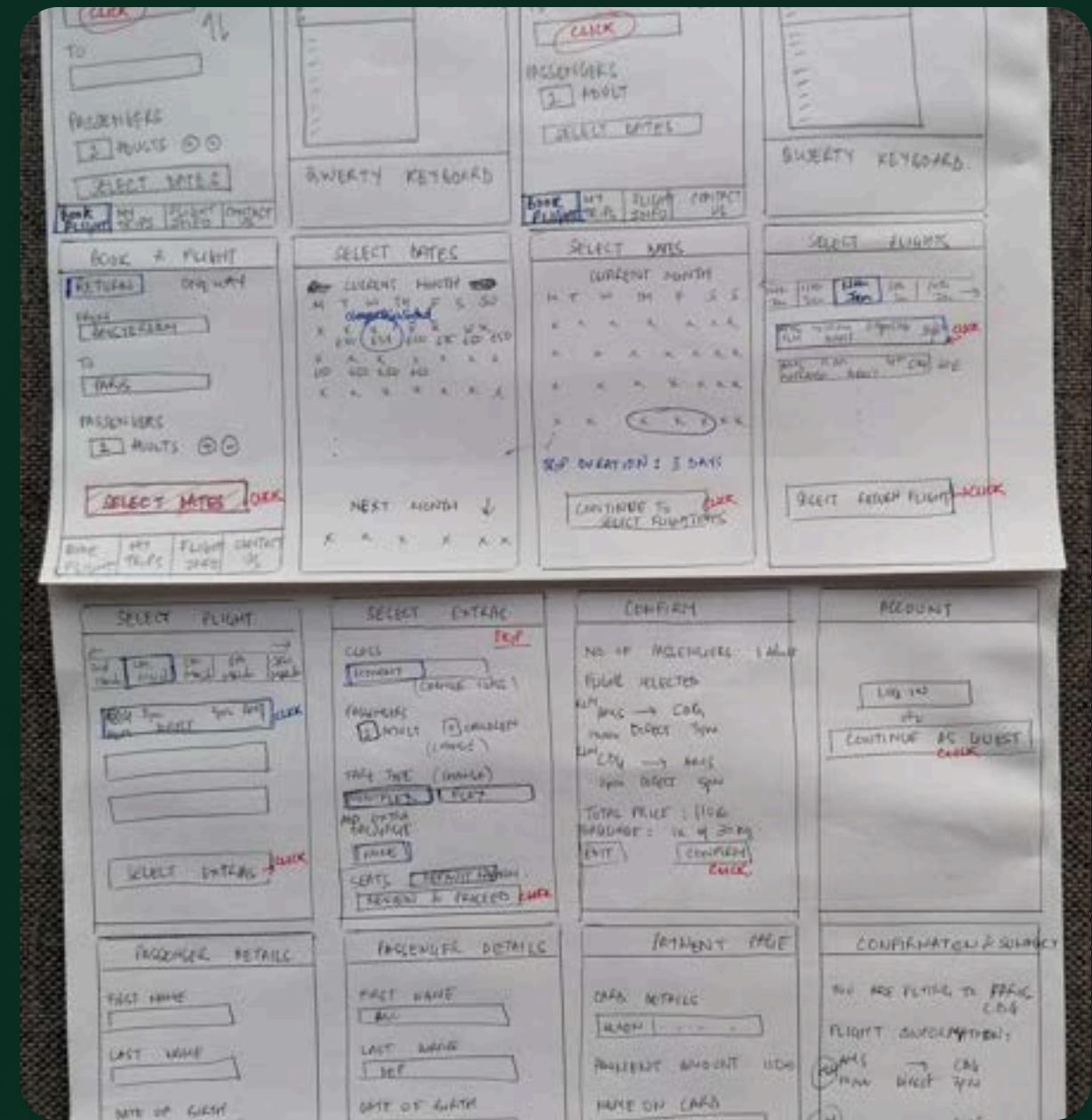
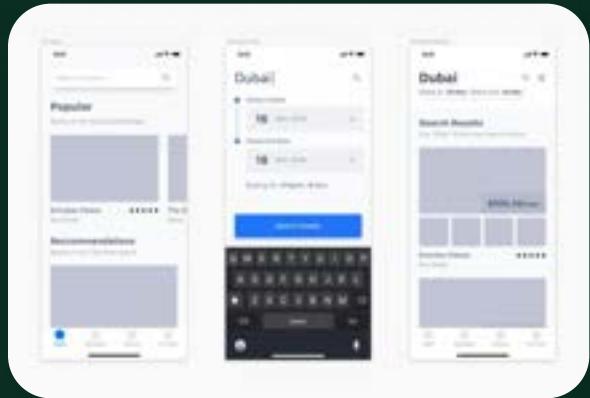
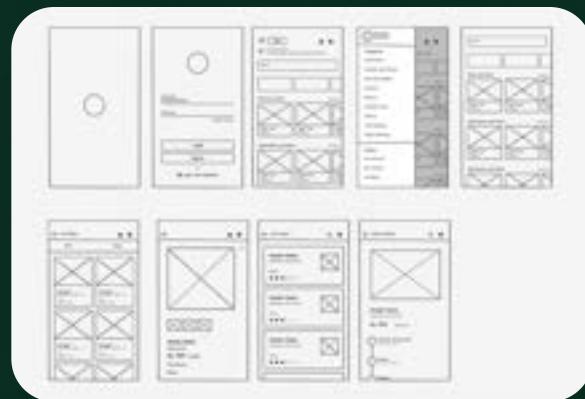
User Flow Map



Hotel Booking User Flow

UX Design | Ideate

Sketches



Wireframing & Prototyping

We created digital wireframes and built a low-fidelity prototype. Also, we conducted a series of sessions for usability testing.

It helps us to get more valuable, valid, and actionable user inputs for the app to keep the process smooth.



UX Design | Test & Validated

Testing

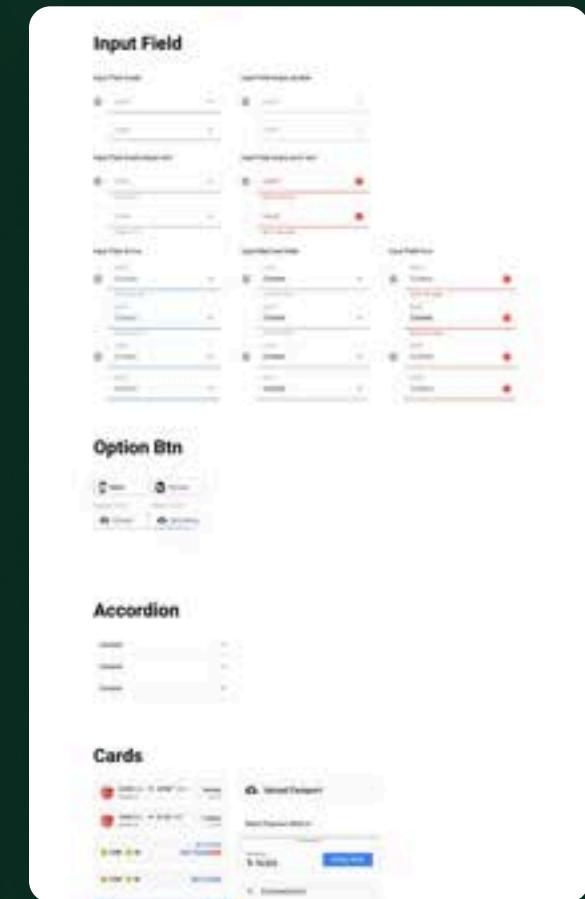
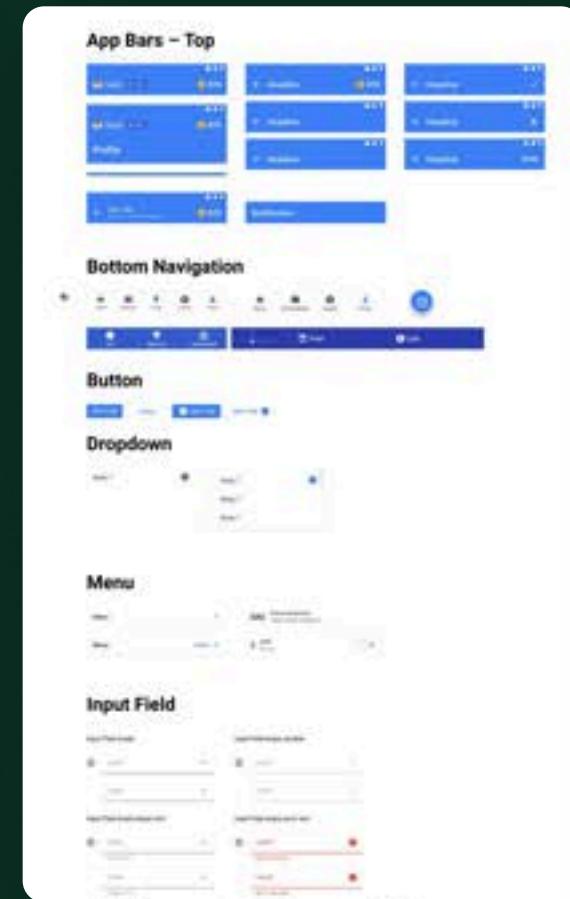
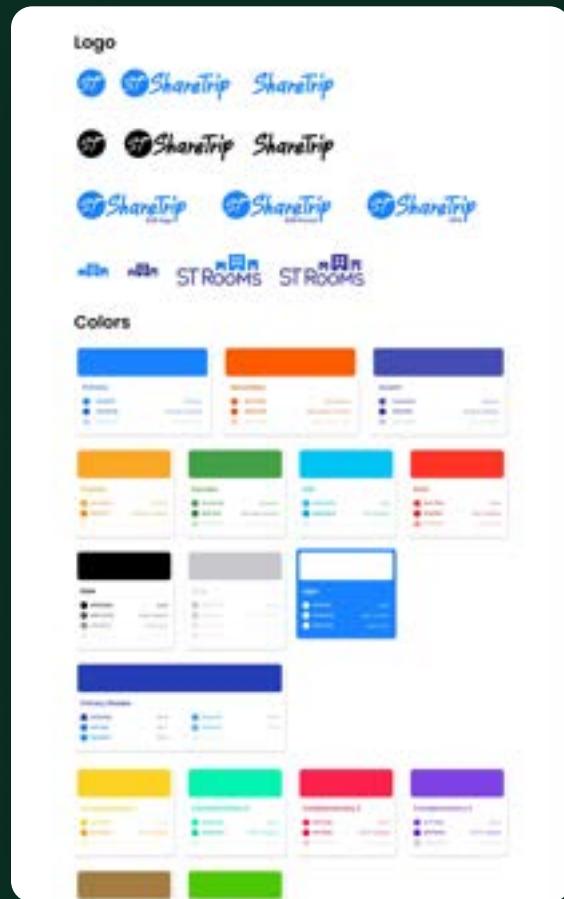
We invited some focus group users for usability testing sessions.

We set a list of task assigned for our participants & collect their feedback during those testing sessions.



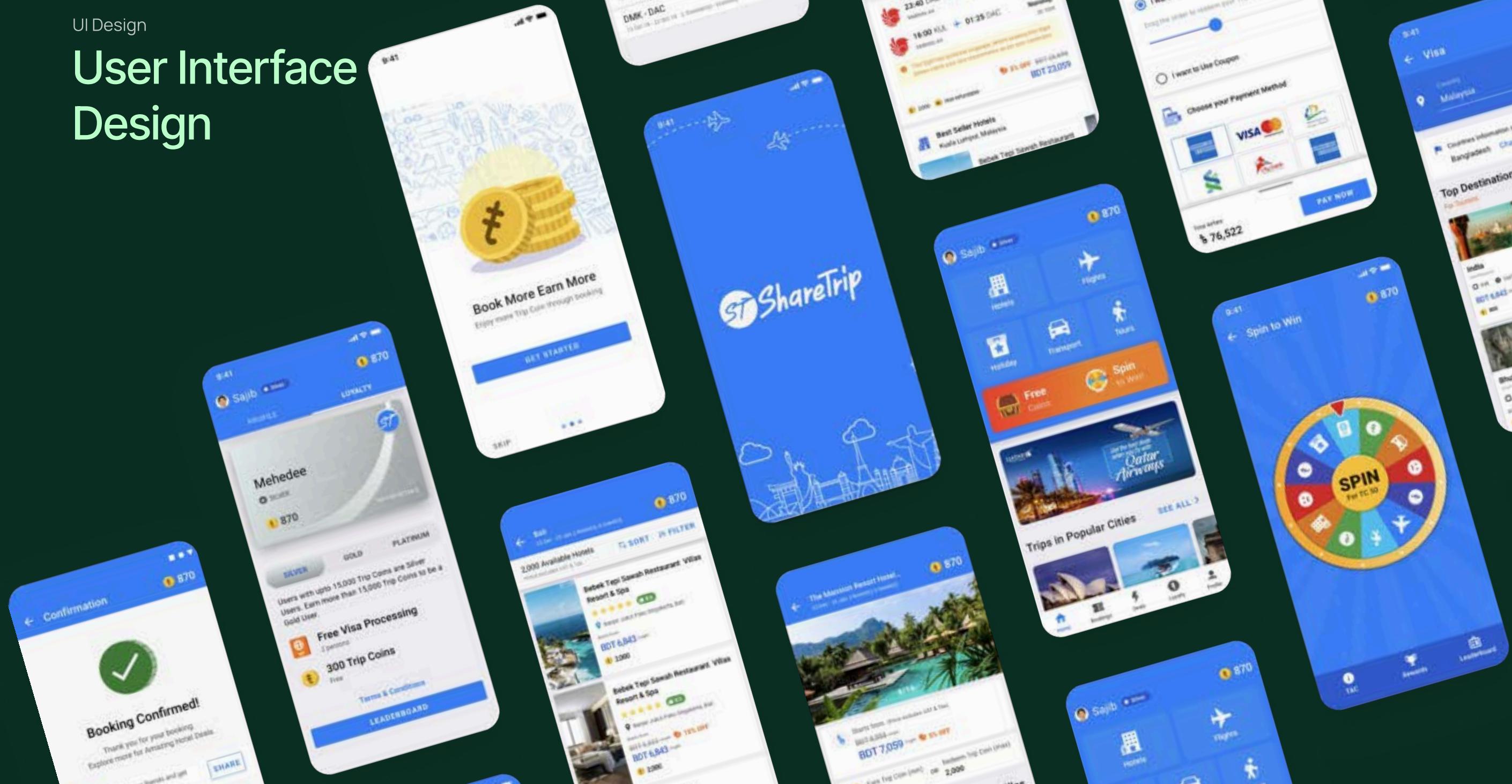
Design System

Initially, we built basic style guidelines. Afterward, we built a highly customizable design system to create a design language through all the platforms and make design more productive way.



UI Design

User Interface Design



UX Design | Test & Validated

User Testing

We conducted three smaller in-person user testing sessions.

The goal was to assess the overall usability of the app and identify areas for improvements that could facilitate the completion of the tasks.



Refine & Deploy

We refined the design and created deliverables for development hand-off.

- Prepared design documentations
- write user stories
- Shared the UI screens to Zeplin
- Maintained a close communication with the team
- Unit testing sessions with the demos

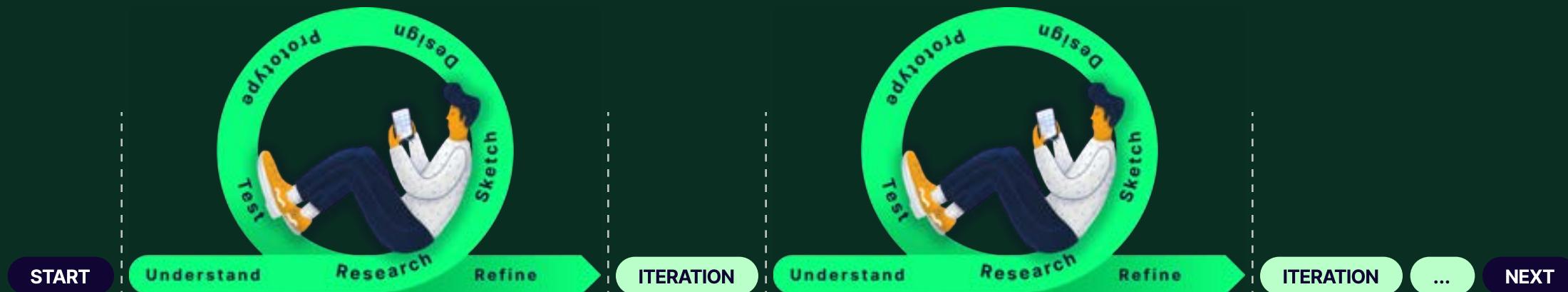


Results & Future vision

Validation & Future Iteration

We've monitored and measured the results for the first 6 months.

- The booking experience was seamless and intuitive & the **success rate was 76%**.
- The gamification helps us to get more of our users revisit. It was **55% of the user**.
- Our online booking was increased by 25%.

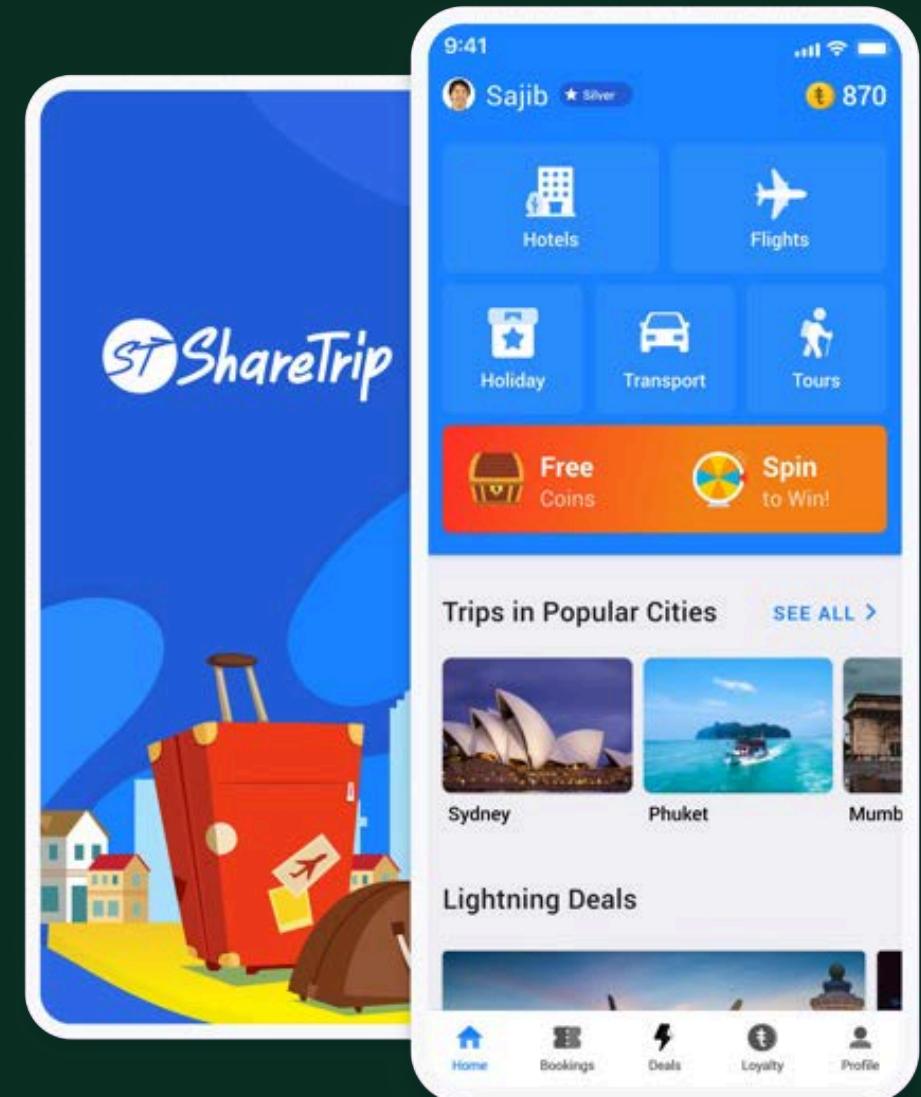


Takeaways

What I have learned

I've experienced how to design a product and its life cycle and creating a well-functioning app from scratch.

- I've mastered digging into people's consumer minds.
- I learned quickly that inviting the right participants is crucial for getting valuable results from the usability testing sessions.
- I also discovered the mistakes and fixed them.





Thank you

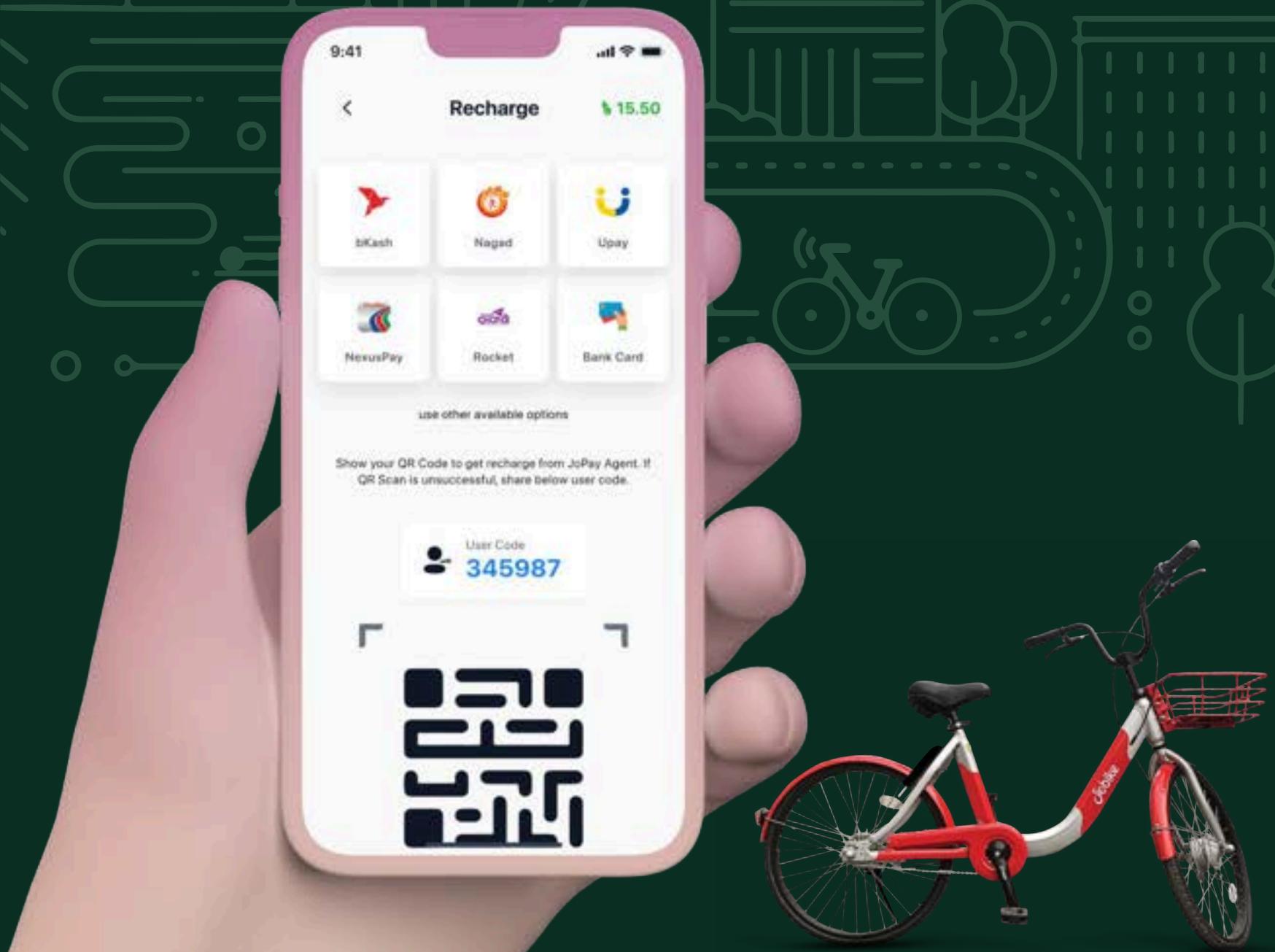
Feel free to reach me



 anamoulrouf.bd@gmail.com  <https://anamoulrouf.com>

Jobike

Redefining
Jo-Credit Recharge





Redefining Jo-Credit Recharge

Project

Jobike User App & JoPoint App

Timeline

Jan 2019 - Jun 2019

Platform

Android.

Tools

**Miro, Adobe XD, Figma,
Notion.**

My Role

UX Research, UI/UX Design.

Team Collaboration

**Product, Marketing,
Support, and Tech.**

Background

Jobike is an app-based station less bicycle-sharing services, provides an eco-friendly solution for mobility and healthy lifestyles. The users can enjoy their ride by using Jo-Credit Balance and get recharge from only the nearest JoPoints.

Goal

- Make more efficient Online recharge process.
- Secure the users' privacy.

Outcome

- Online recharge increased by 65%.
- We secured the users' privacy.



Design Challenge

The existing Jo-Credit recharge process was manual. Also, the Jobike users needed to visit JoPoints physically to get their recharge. It was very unusual and a hassle for them.

Our main challenge was implementing the **Online Recharge process** for our users to get their **Jo-Credit Balance recharge** from home. Besides, the existing recharge process was creating some crucial problems.

- JoPoints Agent uses a USSD service to recharge.
- The current process exposes users' phone numbers and makes their privacy vulnerable.
- Some users complained that they were receiving spam calls from unknown sources. It seems like their phone numbers are exposed from JoPoints.

The UX Process

When we have minimal time and resources, selecting an efficient, sustainable, and flexible design process is always challenging. I have chosen the approach to the Lean UX process. It is an iterative process with three simple steps.

- Think
- Make
- Check

and keep repeating the steps.



Focusing on the goals, I also pay attention to the 4 principles.

- 1. A collaborative culture with Lean UX:** We opted for a lean approach emphasizing rapid sketching, prototyping, user feedback, and design mockups.
- 2. Building trust through transparency:** Sharing our methods and thinking from the outset helped to build a strong client relationship.
- 3. Starting on the same page:** Together, we identified risks and aligned on expectations, and constructed a shared vision for the app.
- 4. Build early test early:** This helped us to define the problems in the early stage and solve them instantly.



The Discovery

The discovery phase was a quick, high-intensity effort that allowed us to -

- Define project goals and milestones
- Audit the existing process faults
- Review the existing solutions by other products
- Understand business visions
- Empathize the users' needs, behaviors, and pain-points
- Understand technological feasibility and constraints.

Here are three considerations that help me to understand and prioritize the issues.

- How satisfying is the solution for users?
- How well is this solution for users' problem solving and also good for business?
- How challenging would it be to build from the technical feasibilities and limitations?





The Findings

We visited 3 JoPoints and discussed with the agents. We had discussed with the 20 Jobike users.

- 16 Jobike users want the online recharge system. It is a hassle to visit JoPoints.
- 14 users doubt the JoPoints are exposing their phone number, and it causes getting more spam calls.
- All the JoPoints agents are unhappy with the USSD recharge system.
- The JoPoint agents had complained about their account top-up and managing system. It is hard to keep records of all the transactions.

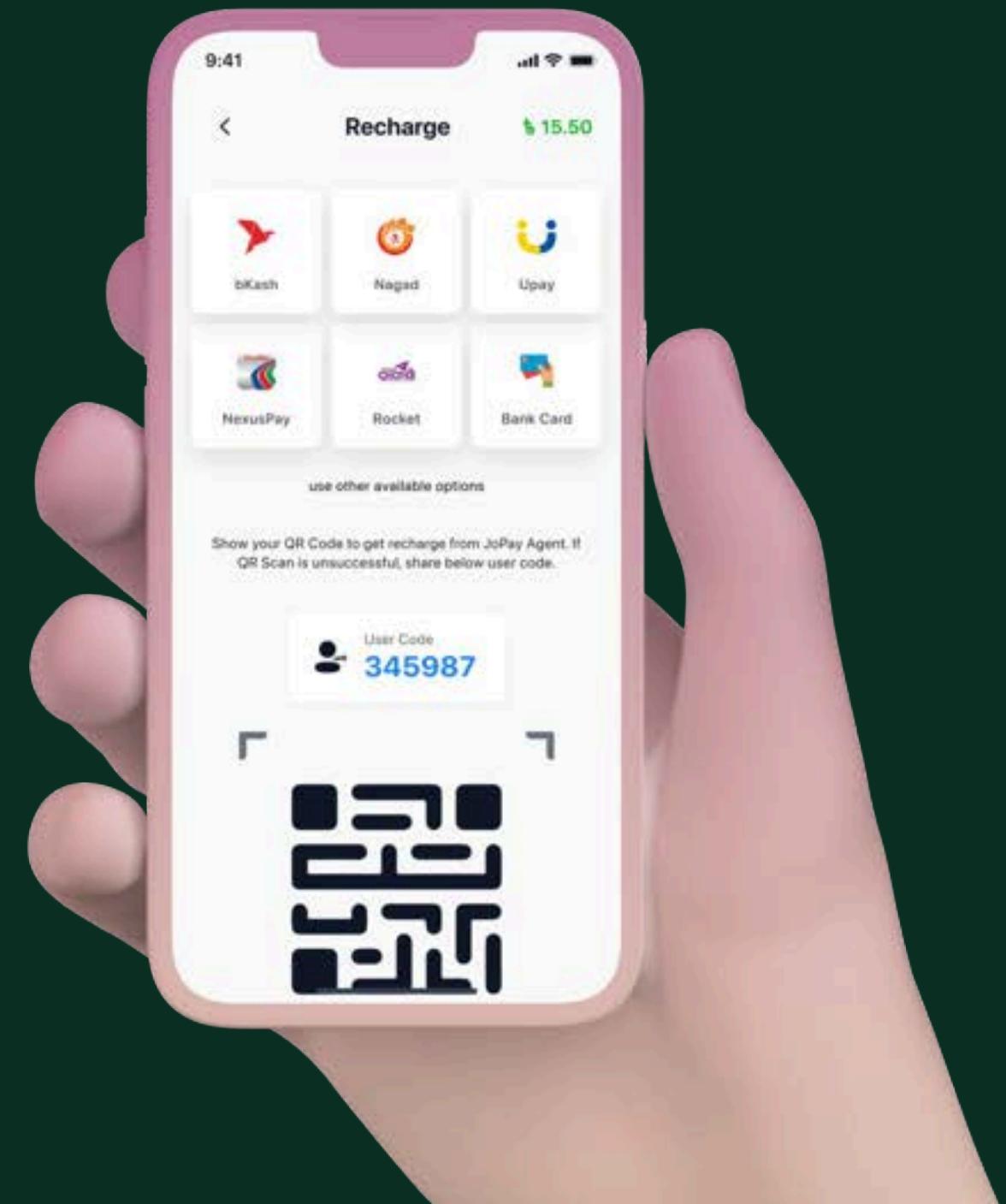
The Solutions

Thinking about the future, we wanted to create a system that is simple, easy to use, functional and scalable solution to address the problems.

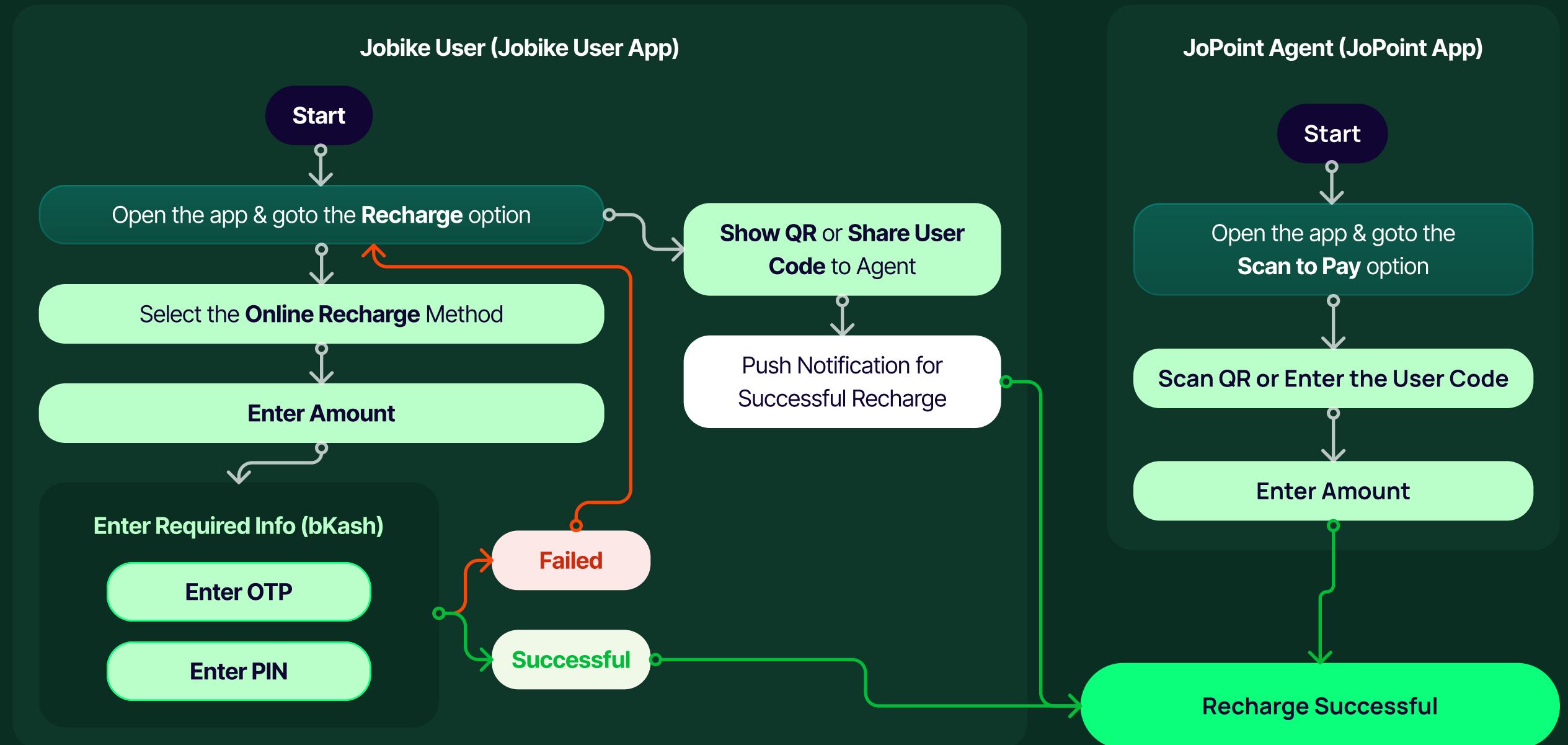
- We'll introduce the **online Jo-Credit recharge** options.
- We'll also redesign the recharge process at Jopoints.

The online recharge process is to be implemented by using 3rd party applications. Jobike tech team uses a hybrid mobile app development platform. So it is essential to keep it into consideration while designing the solutions.

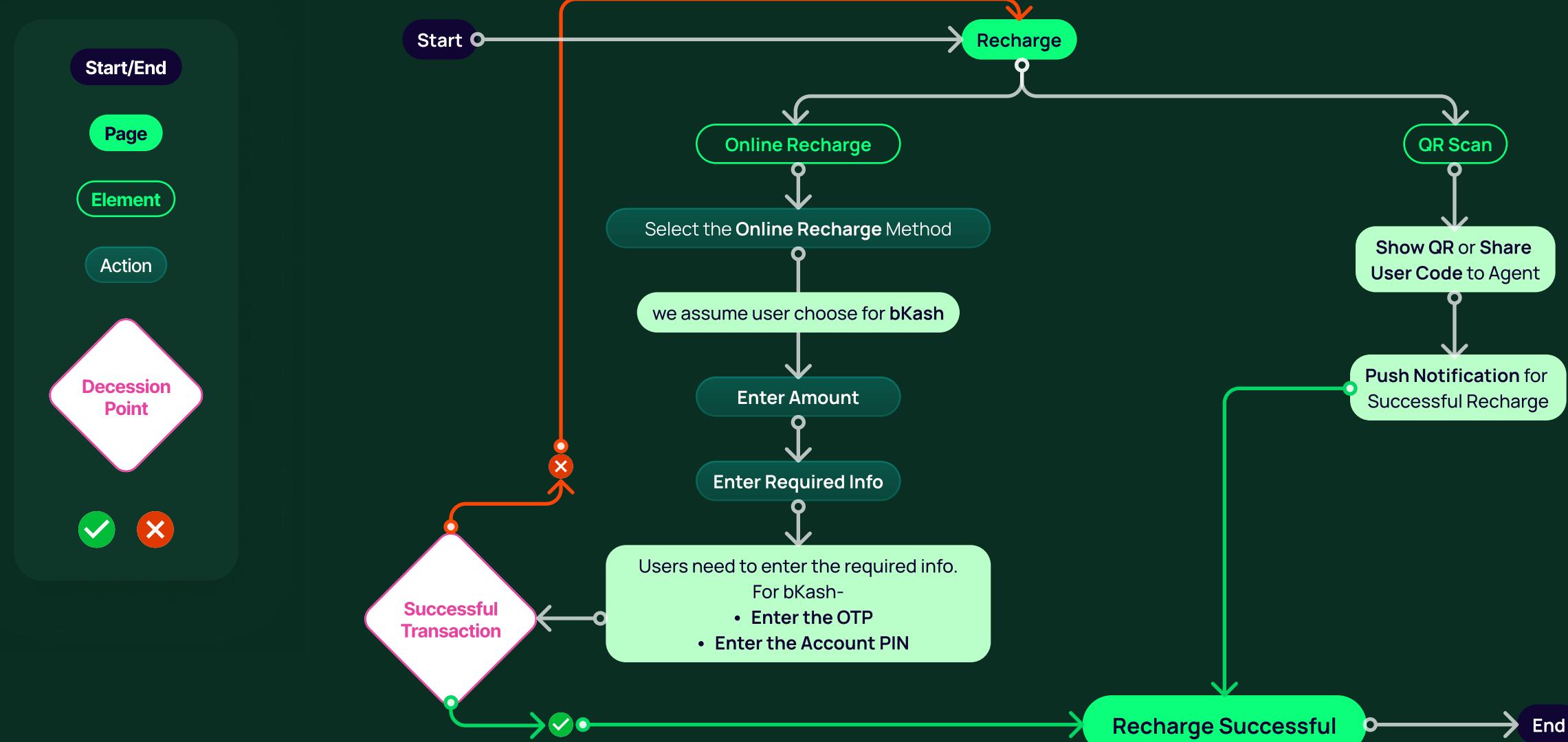
Next, I develop a flow chart of the process.



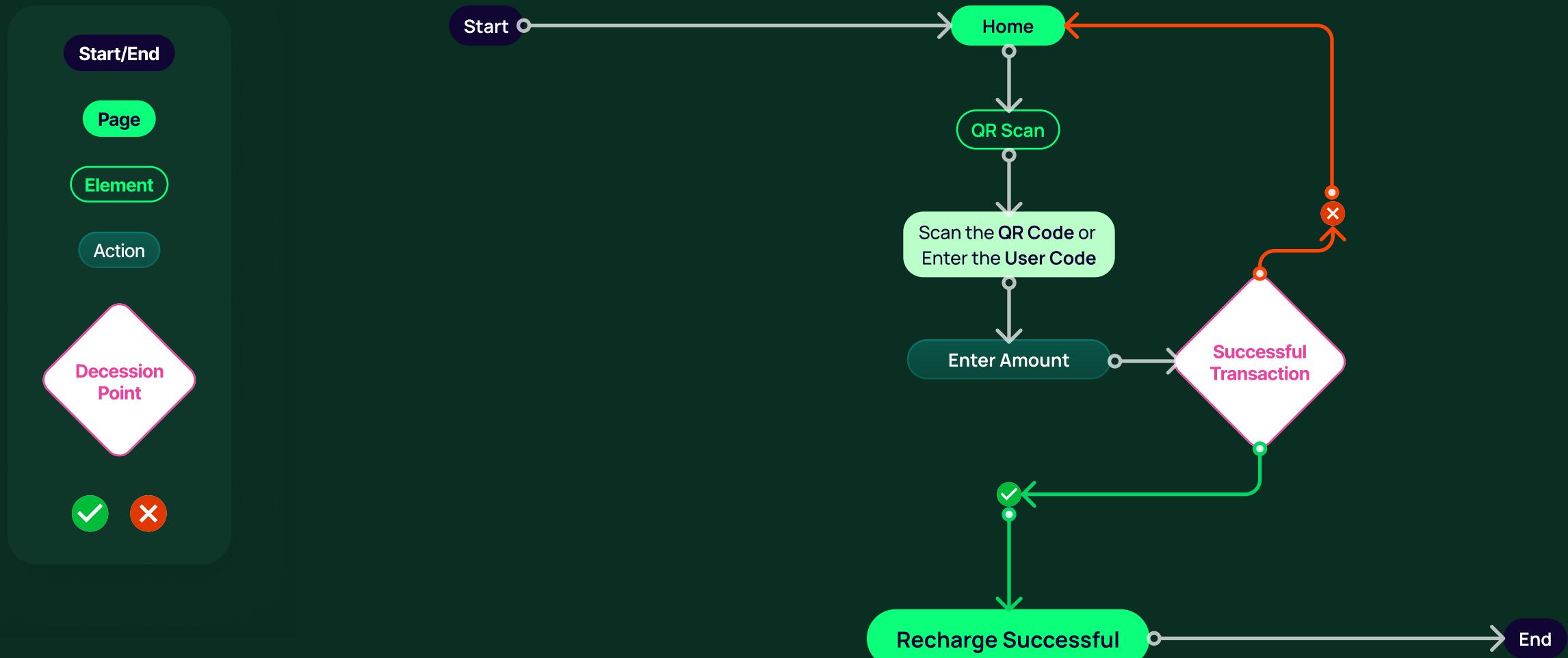
Information Architecture



User Flow (Jobike User App)



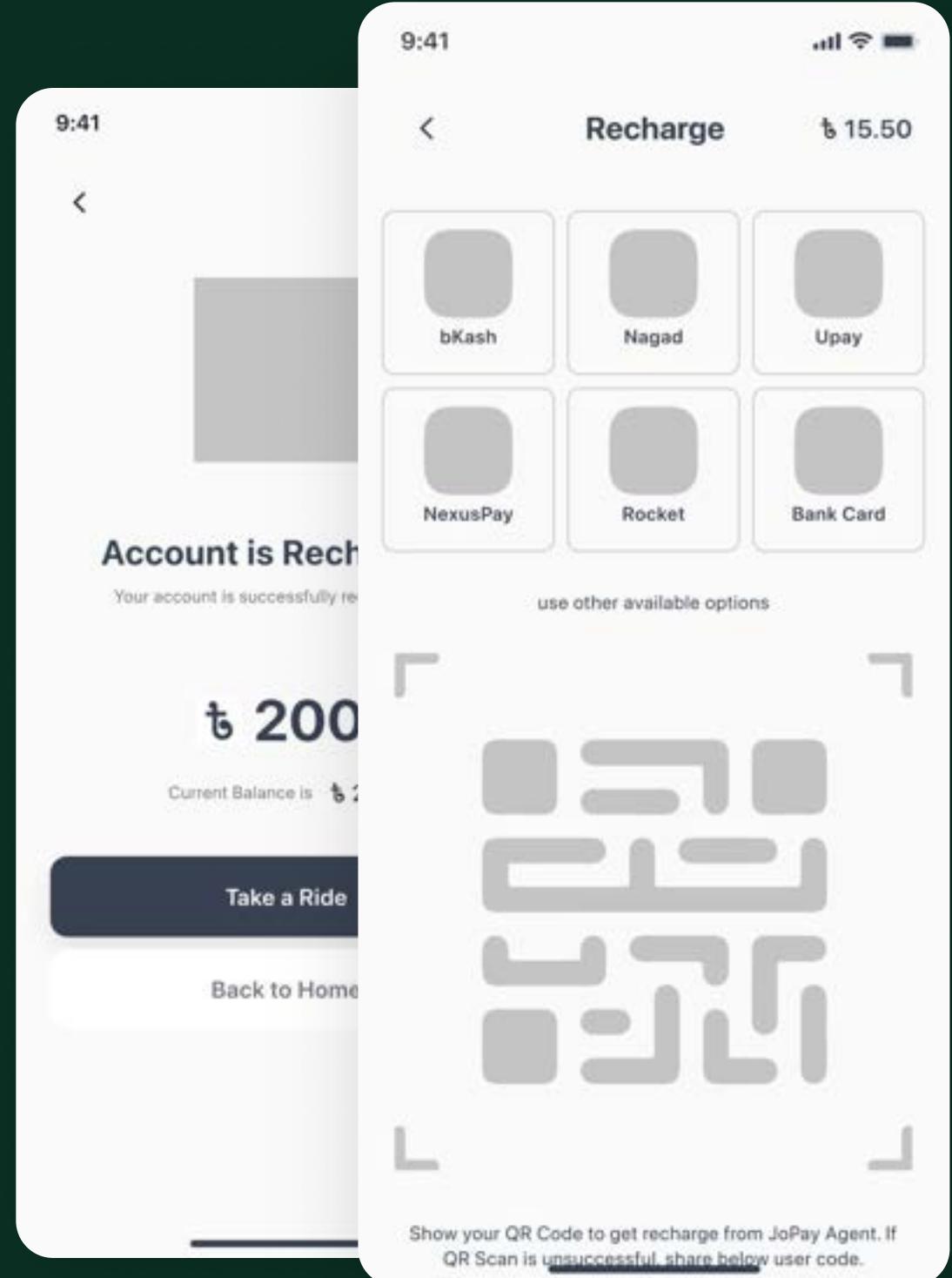
User Flow (JoPoint App)



Sketches & Wireframing

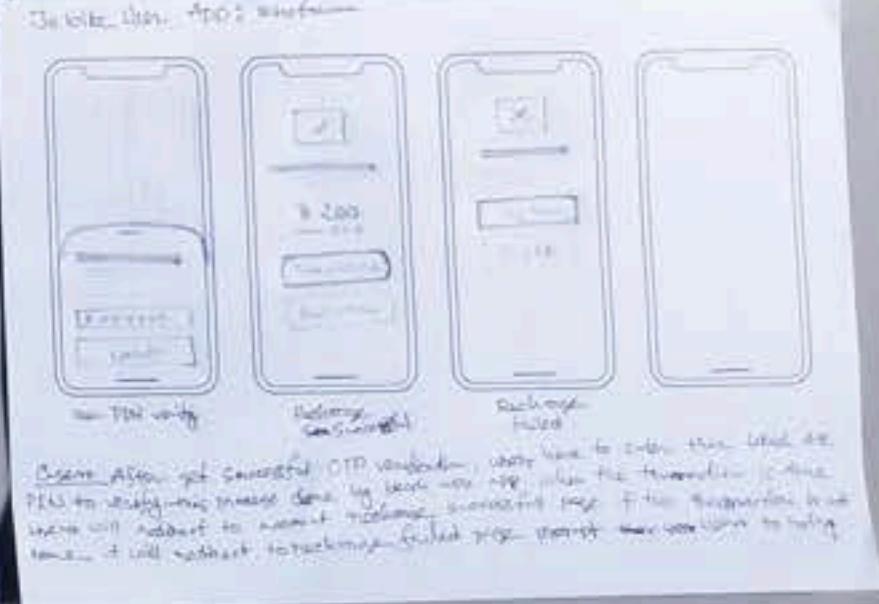
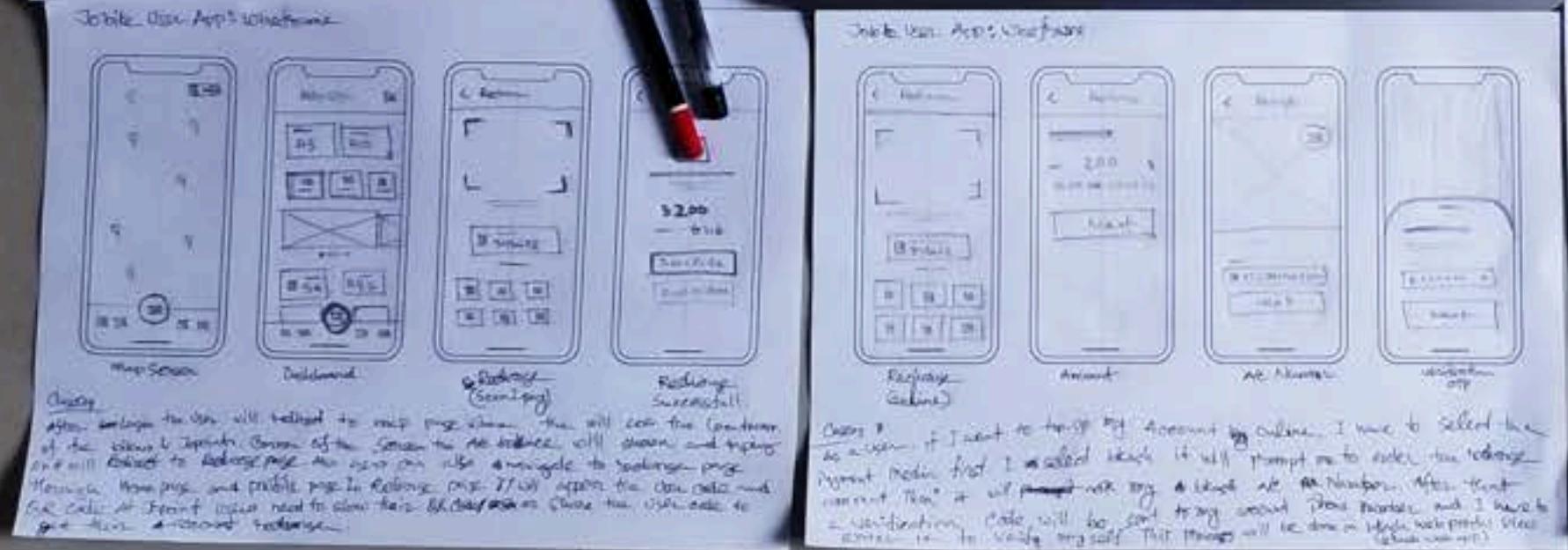
The following steps were to sketch wireframes based on the user flow maps.

- Creating wireframes helped me to visualize the ideas and gave us the basic structure for how users would use the app.
- When creating these wireframes, we kept the user needs from the earlier findings and research in mind.





Wireframe (Jobike User App)



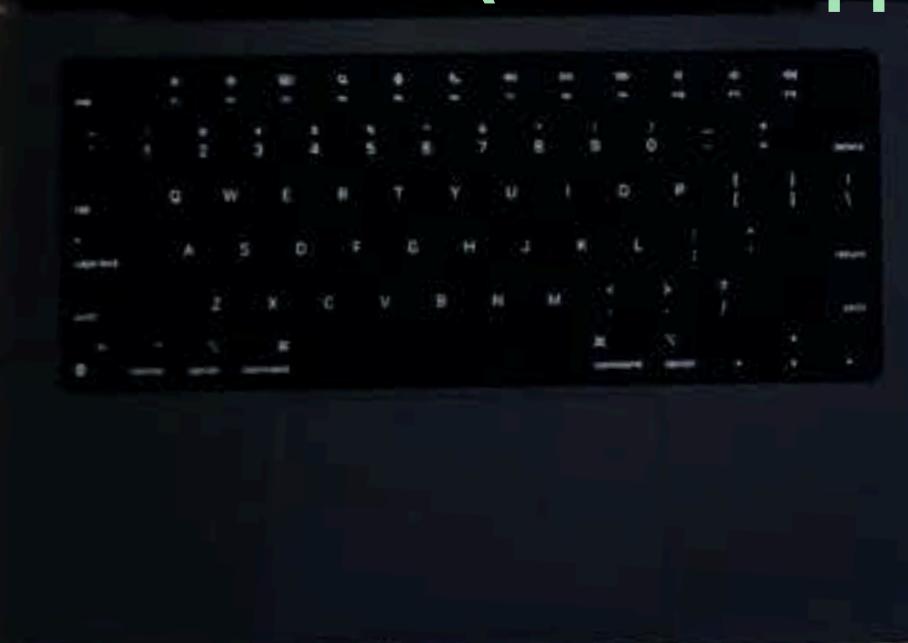
Wireframe (JoPoint App)

Customer App Wireframe



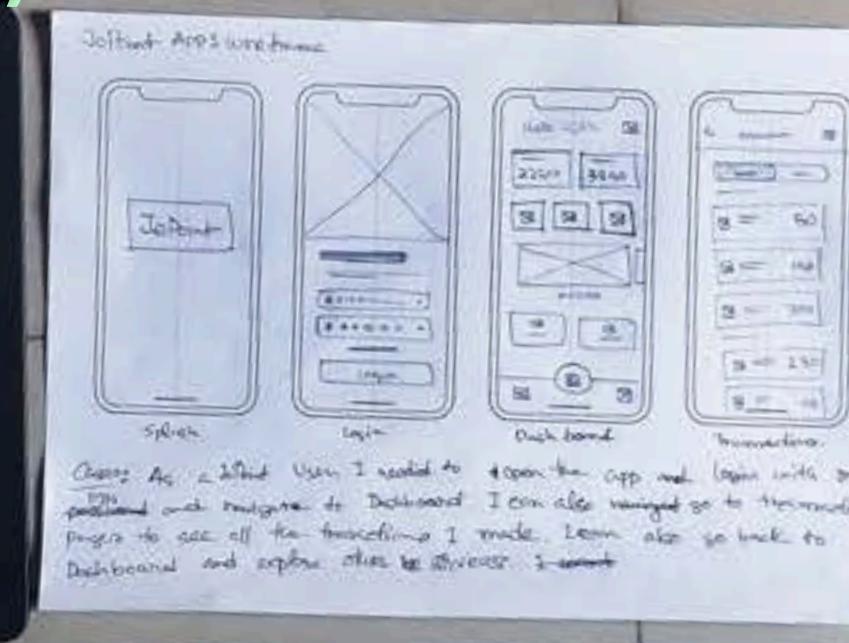
Step 1: As a Guest User I need to open the app and login with my position and longitude to Dashboard. I can also navigate to the remaining pages to see off the functions I made. I can also go back to Dashboard and explore other features.

Driver App Wireframe



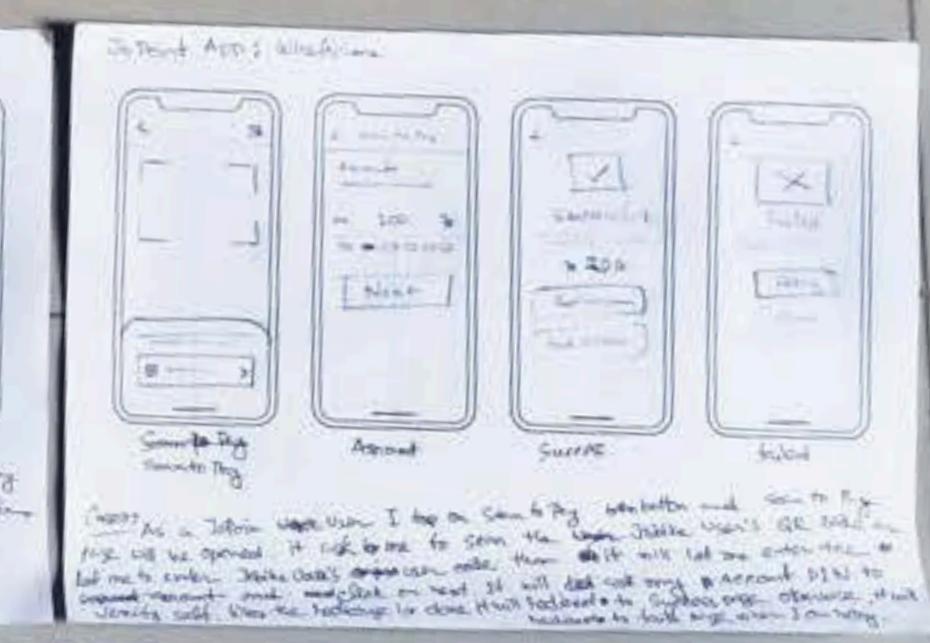
Step 2: As a Guest User I need to open the app and login with my position and longitude to Dashboard. I can also navigate to the remaining pages to see off the functions I made. I can also go back to Dashboard and explore other features.

JoPoint App's Wireframe



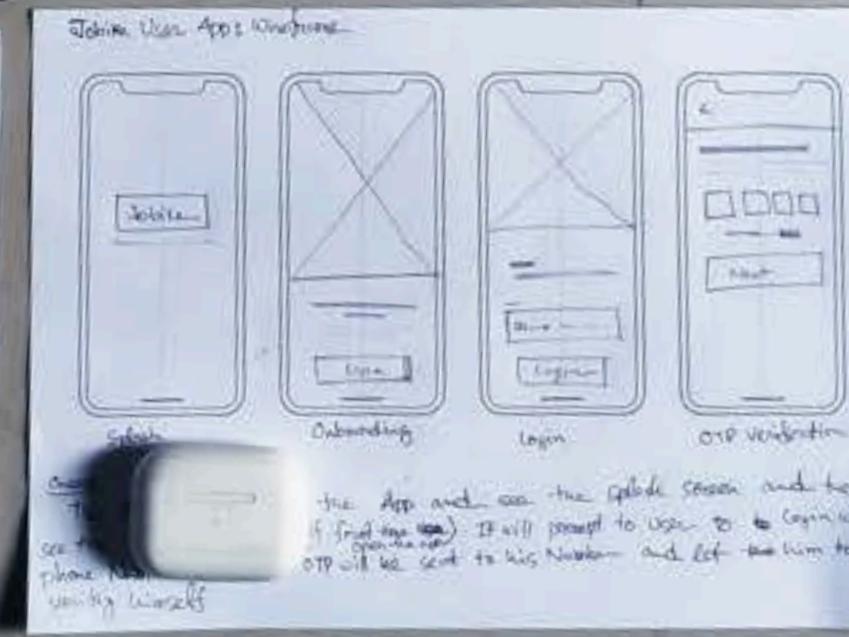
Step 3: As a Guest User I need to open the app and login with my position and longitude to Dashboard. I can also navigate to the remaining pages to see off the functions I made. I can also go back to Dashboard and explore other features.

Customer App Wireframe



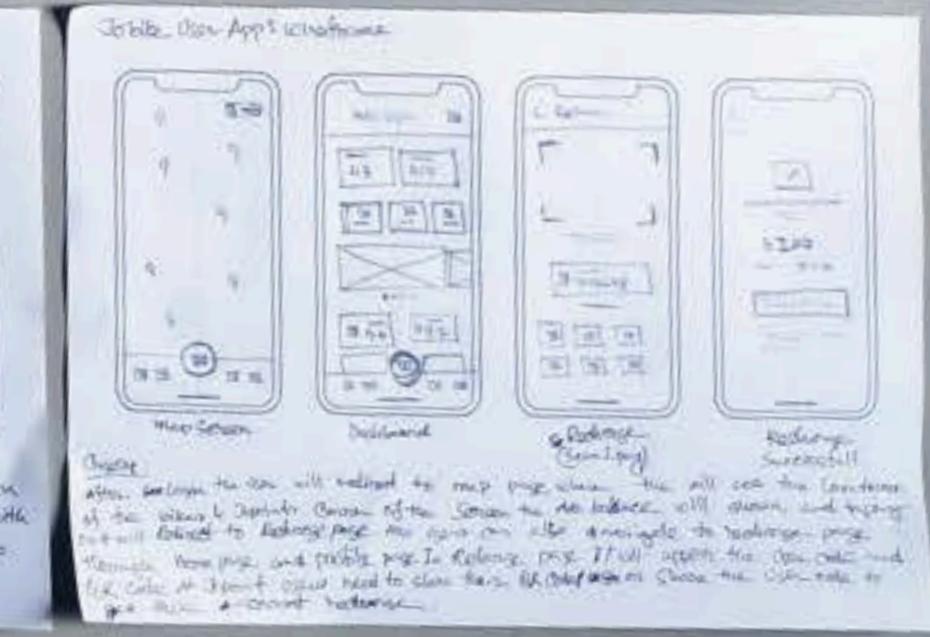
Step 1: As a Guest User I need to open the app and login with my position and longitude to Dashboard. I can also navigate to the remaining pages to see off the functions I made. I can also go back to Dashboard and explore other features.

Driver App Wireframe



Step 2: As a Guest User I need to open the app and login with my position and longitude to Dashboard. I can also navigate to the remaining pages to see off the functions I made. I can also go back to Dashboard and explore other features.

JoPoint App's Wireframe



Step 3: As a Guest User I need to open the app and login with my position and longitude to Dashboard. I can also navigate to the remaining pages to see off the functions I made. I can also go back to Dashboard and explore other features.

Prototyping & Testing

While creating the wireframes, I always built the flow and low fidelity prototype and continuously conducted a series of sessions for usability testing.

- I have done several testing sessions with a close group of users.



Design Prototype

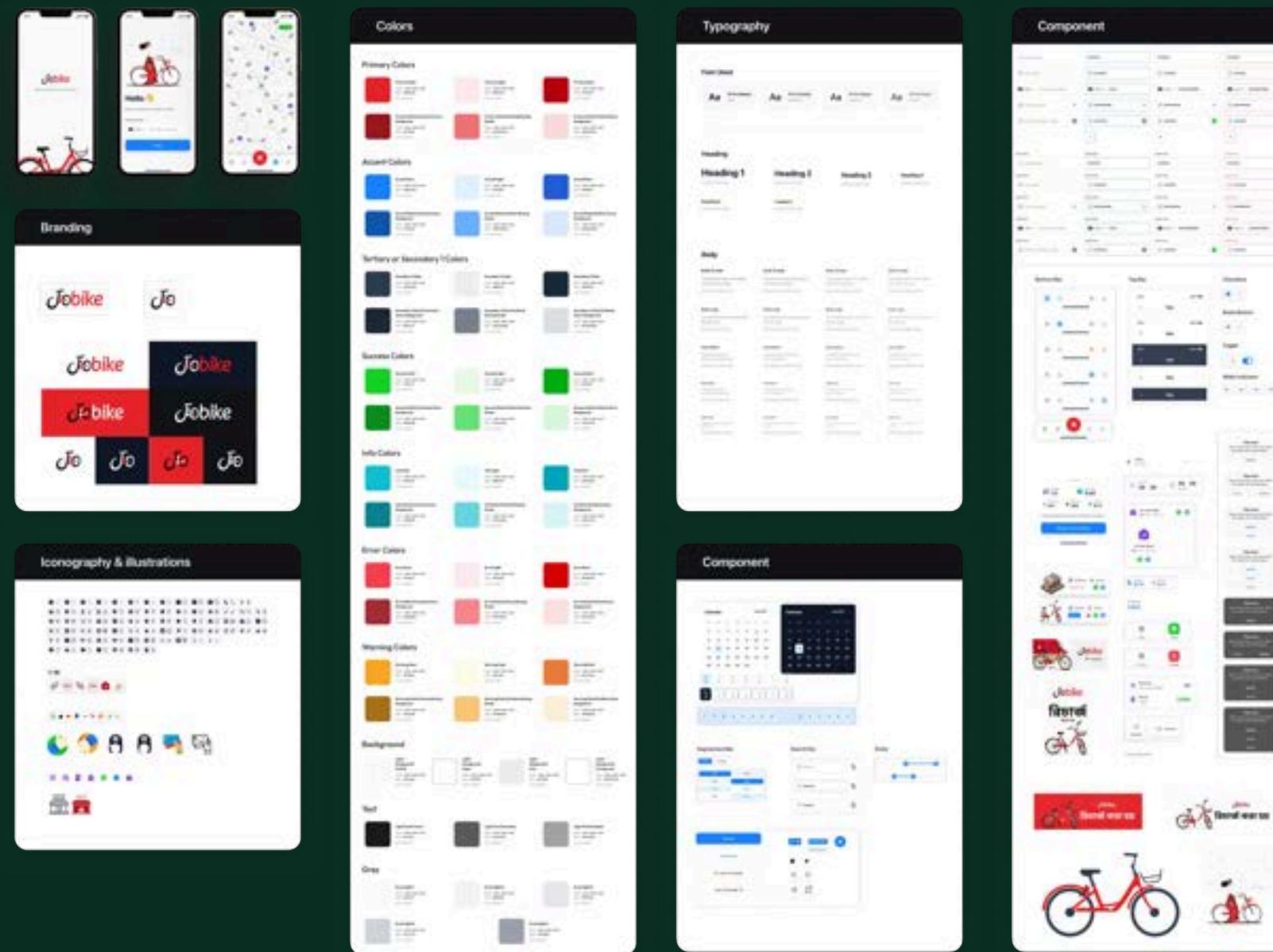
Jobike User App

JoPoint App

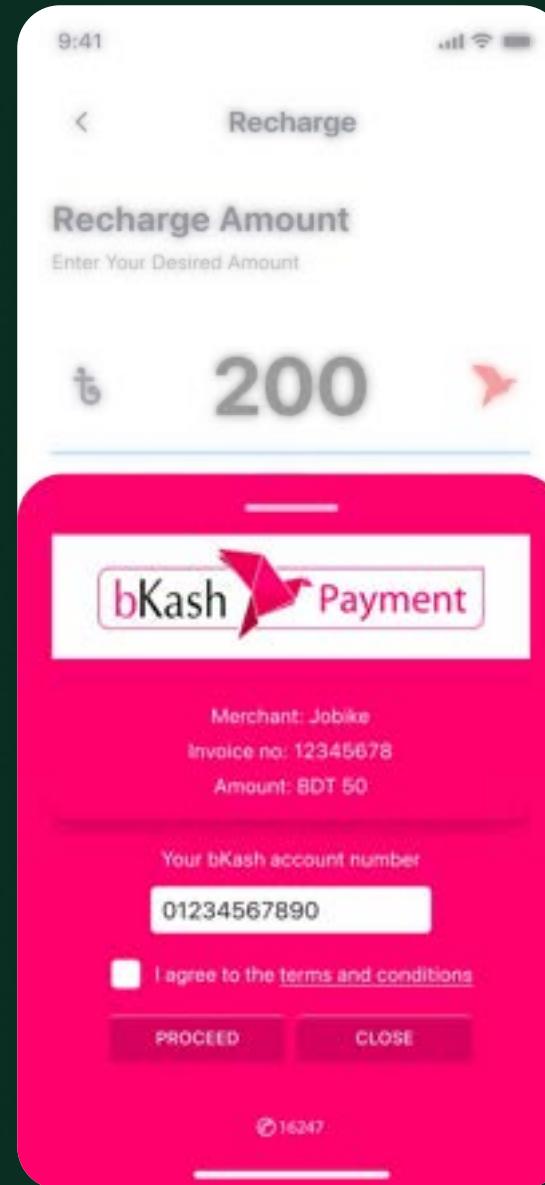
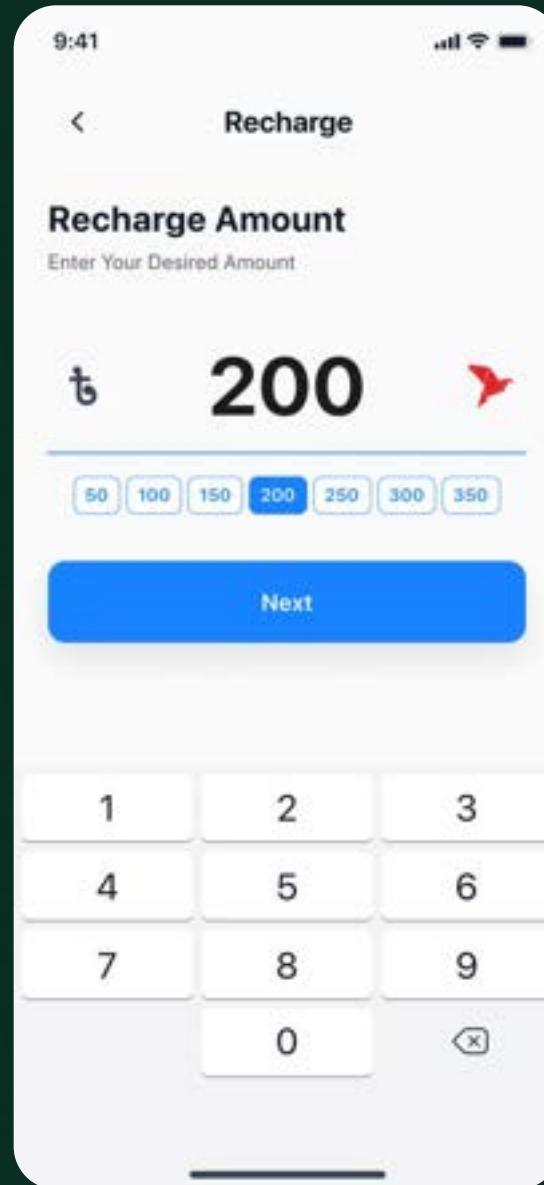
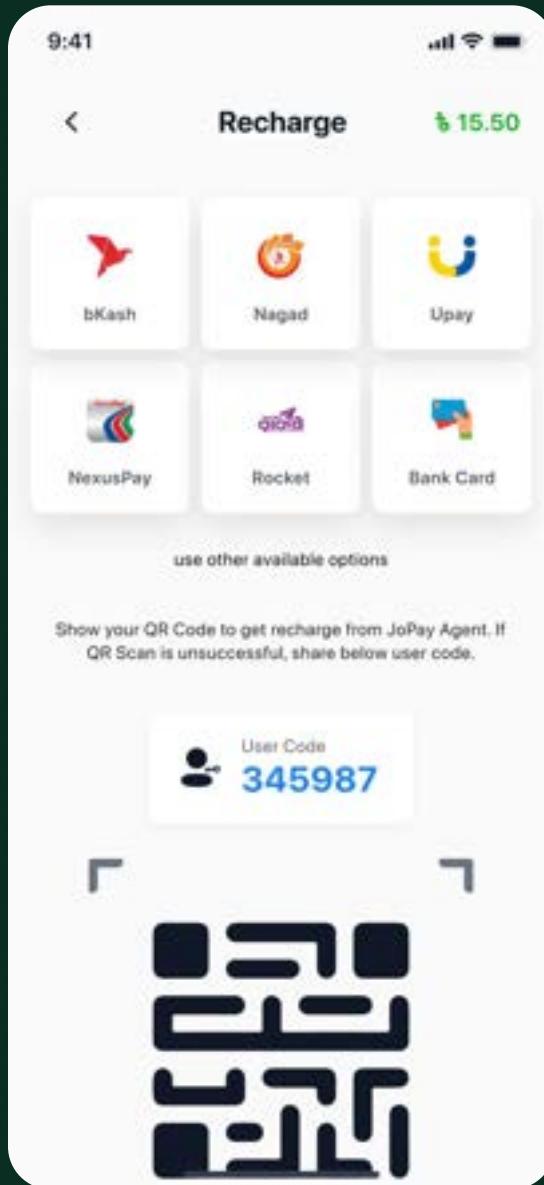
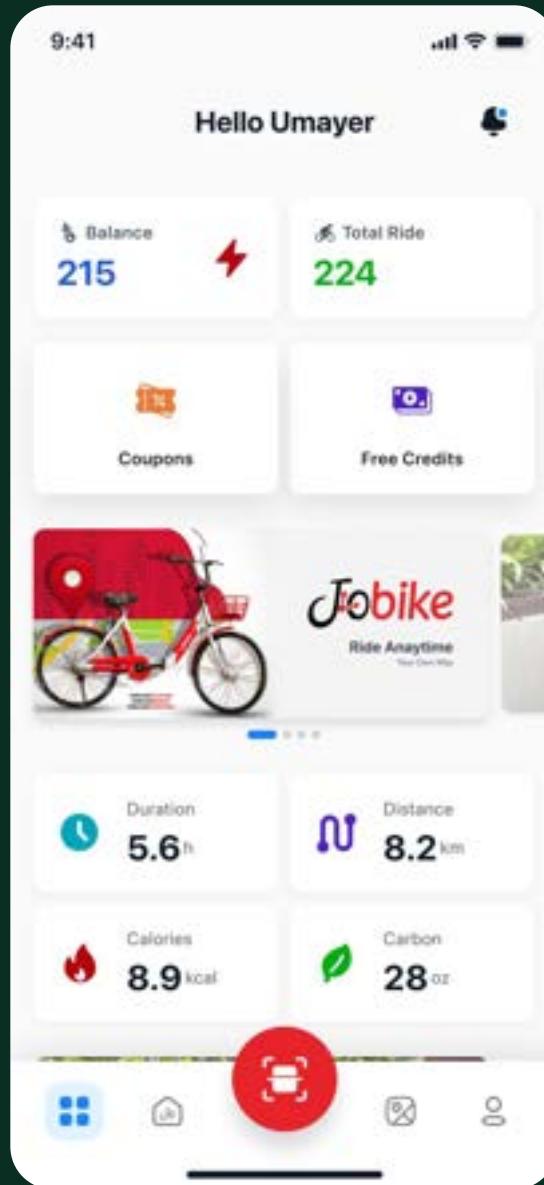
UI Design

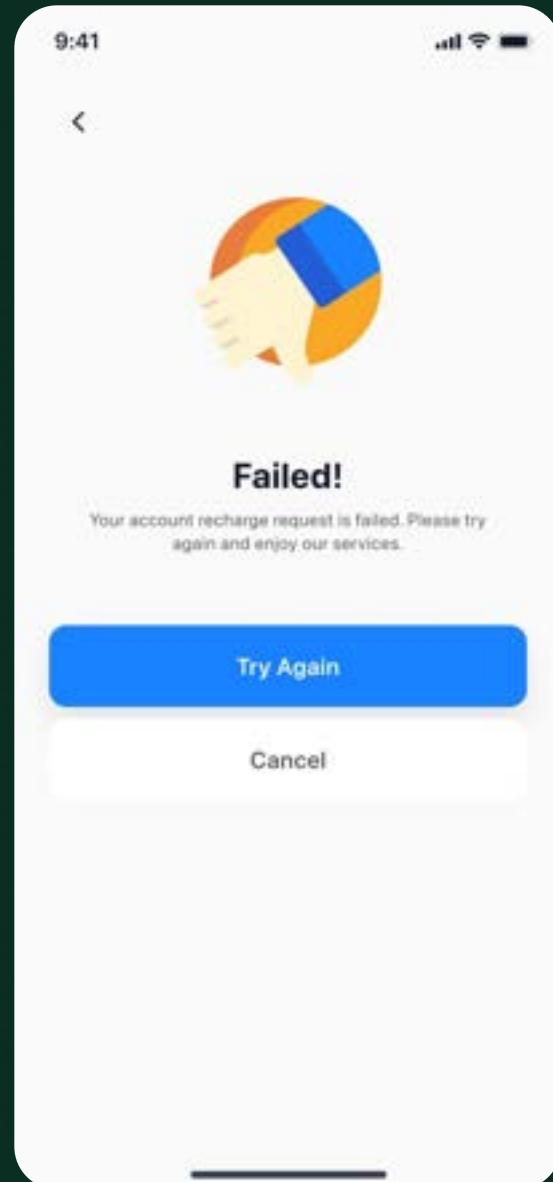
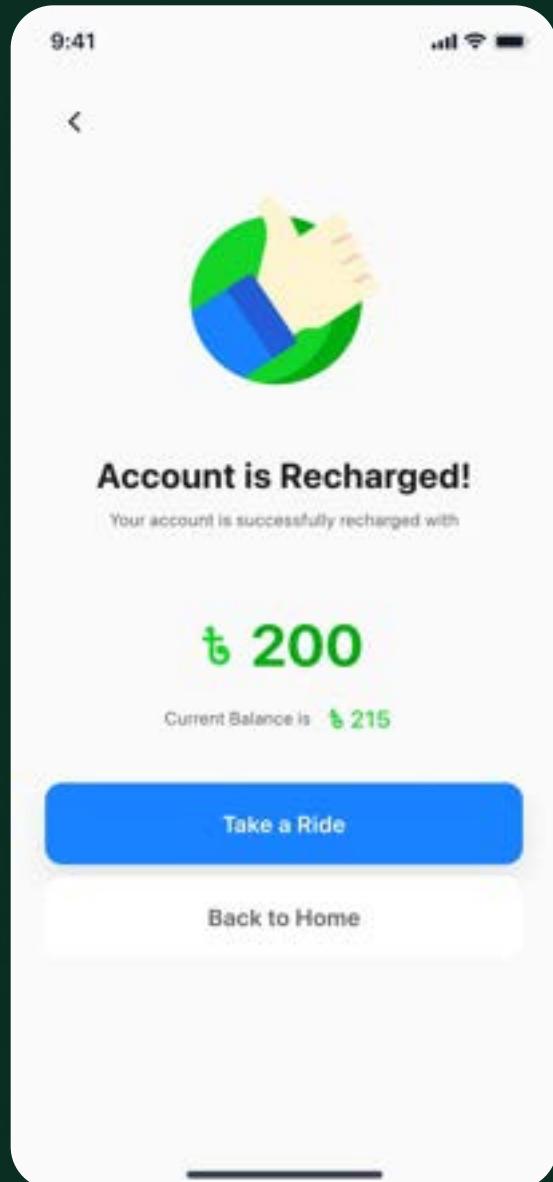
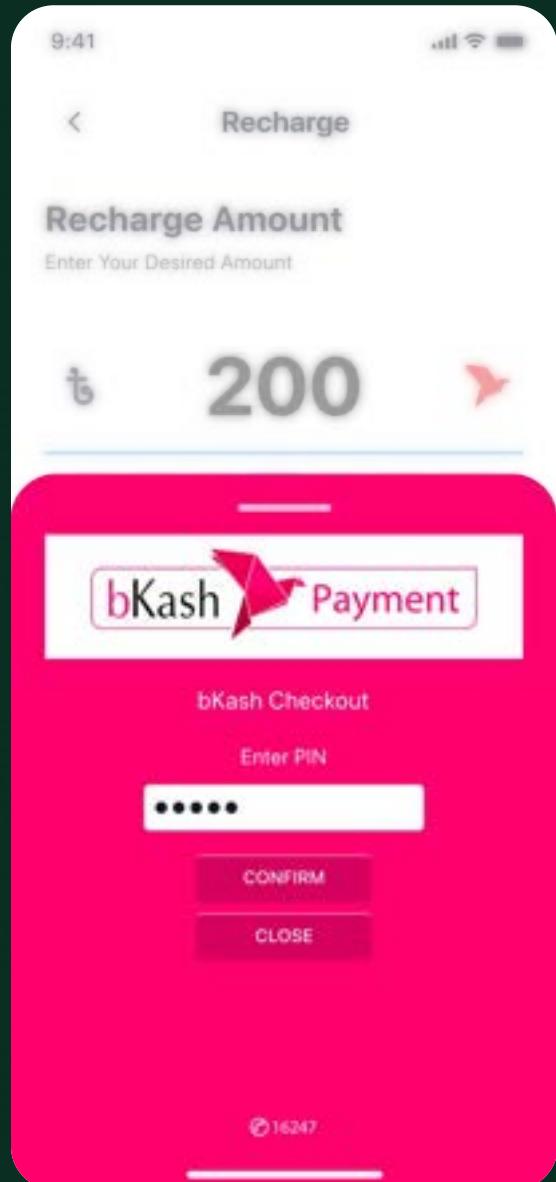
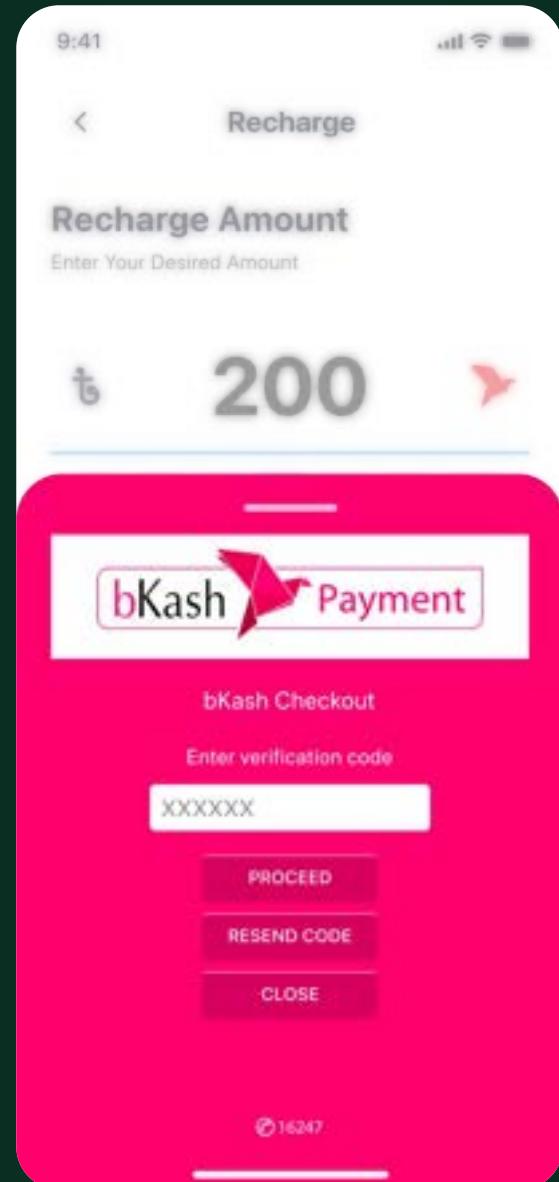
Before starting the UI design process, I always built a highly customisable design system to create a design language. It helps us a lot in creating user-friendly, accessible, high-fidelity designs.

- I have designed a design style guideline and reusable components.

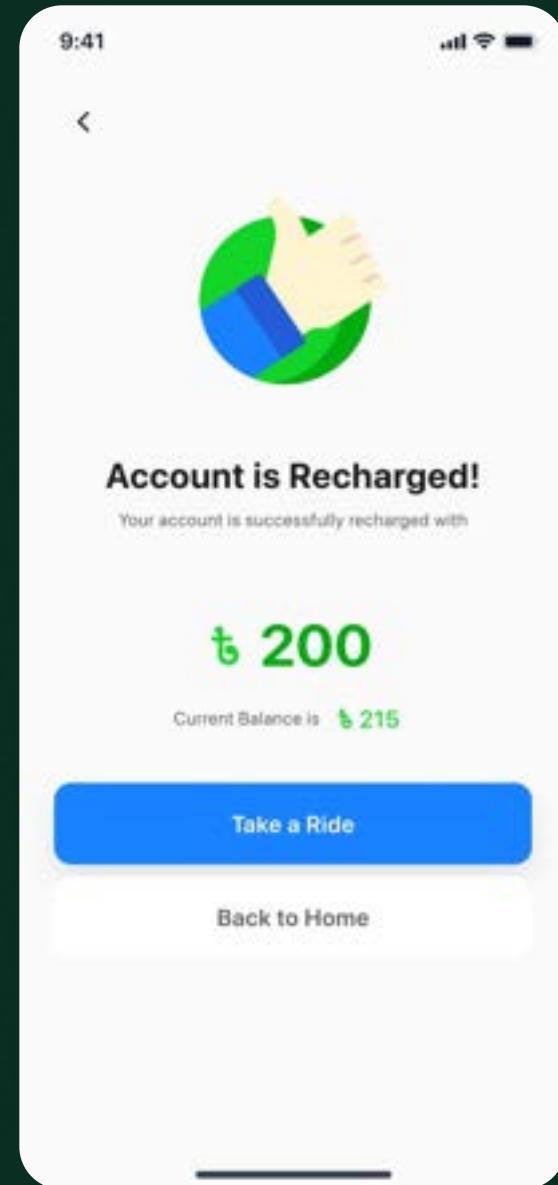
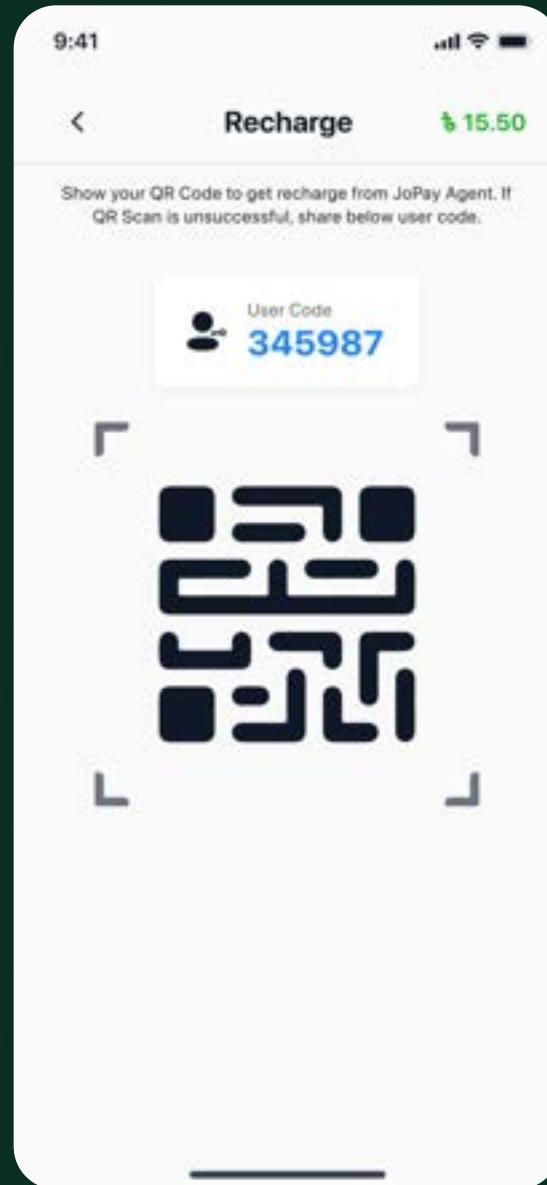
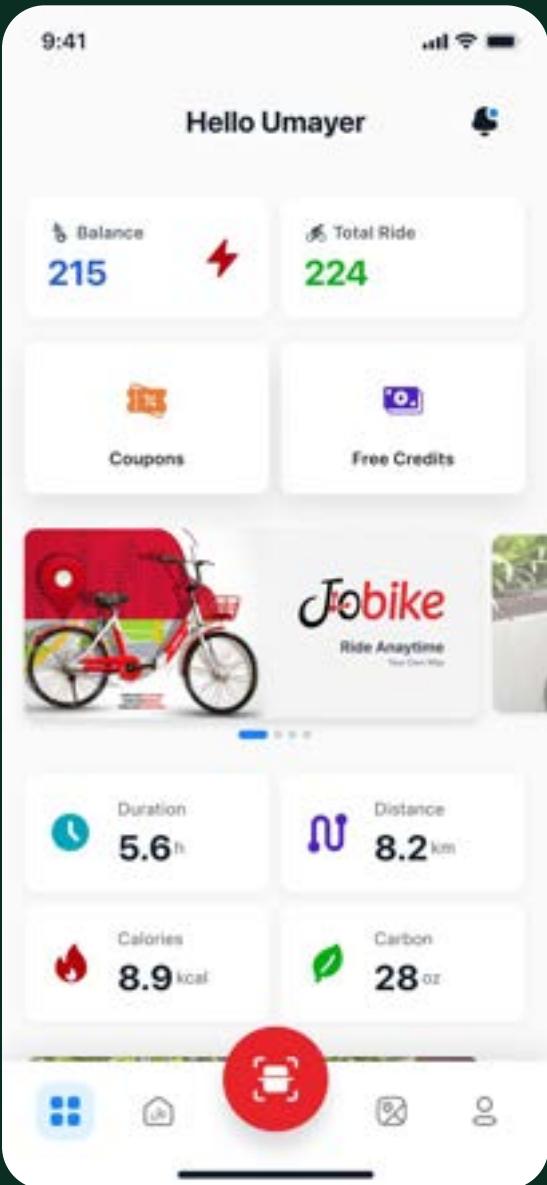


Jobike User App (Online Recharge)

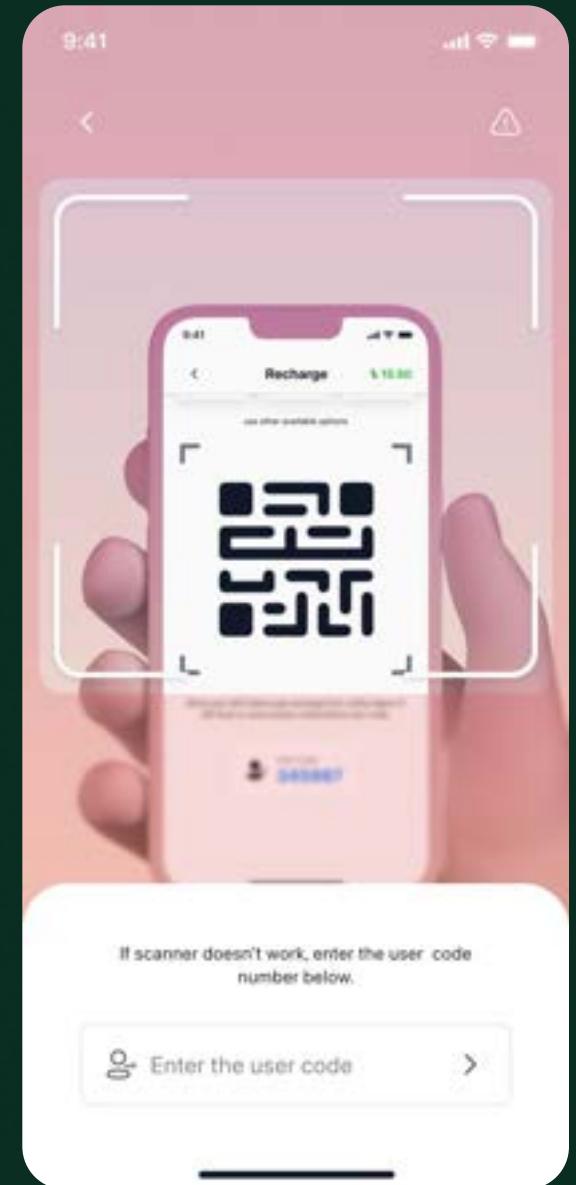
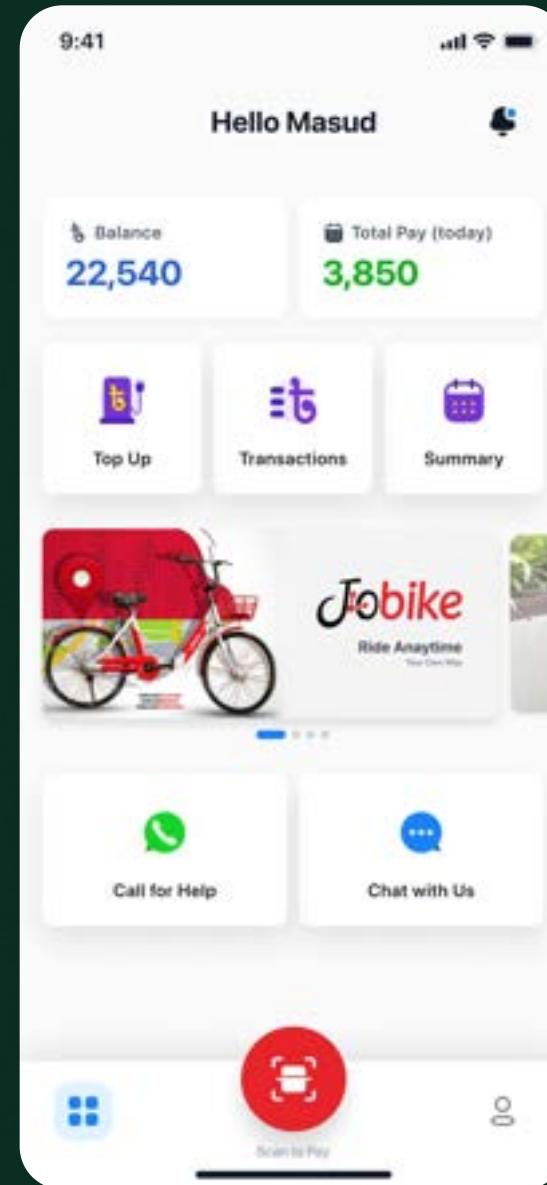
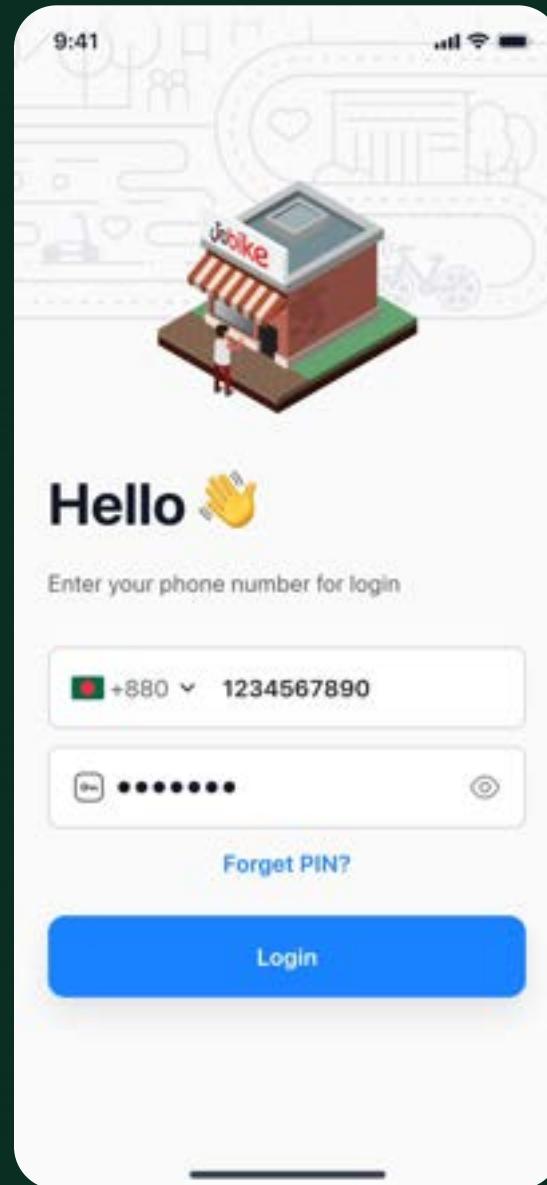




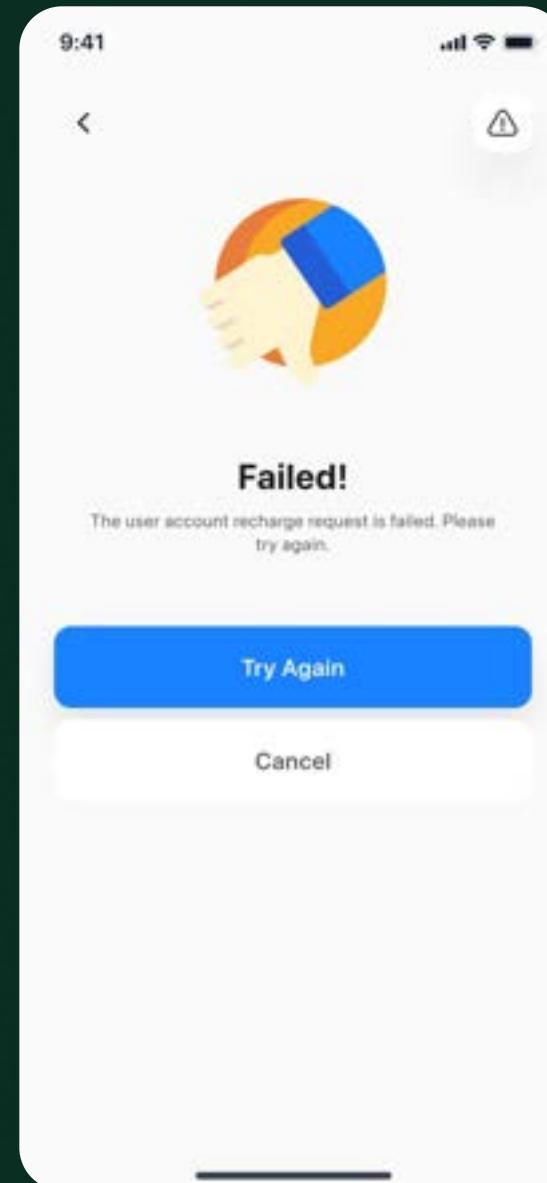
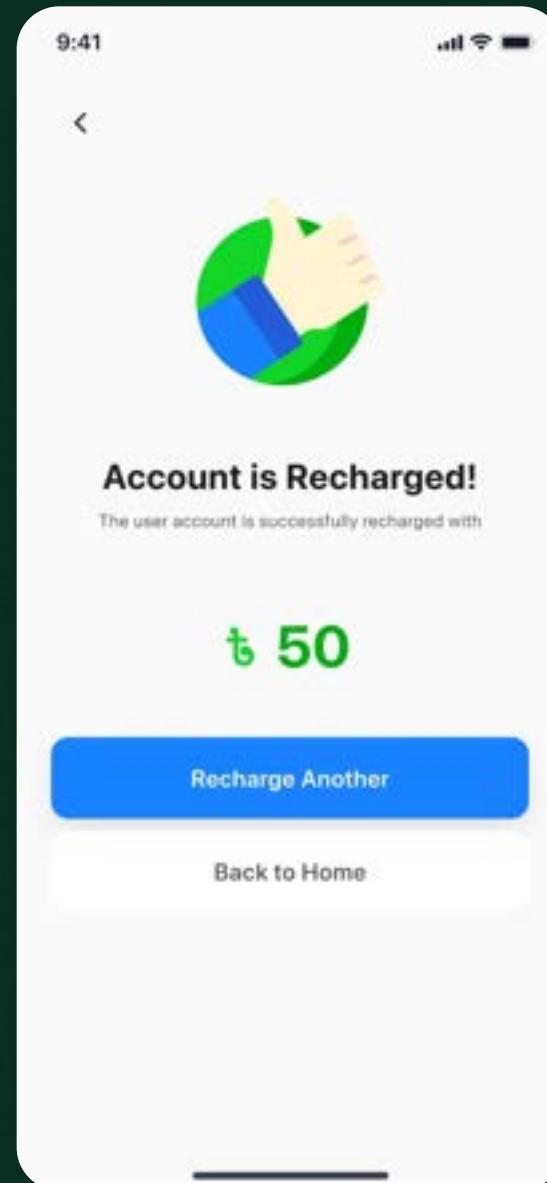
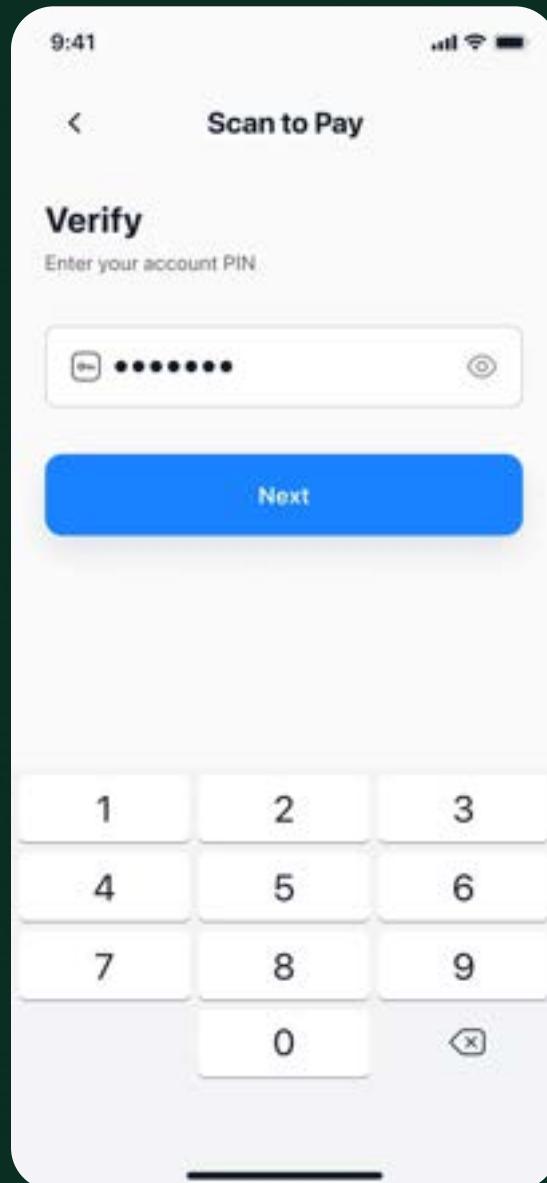
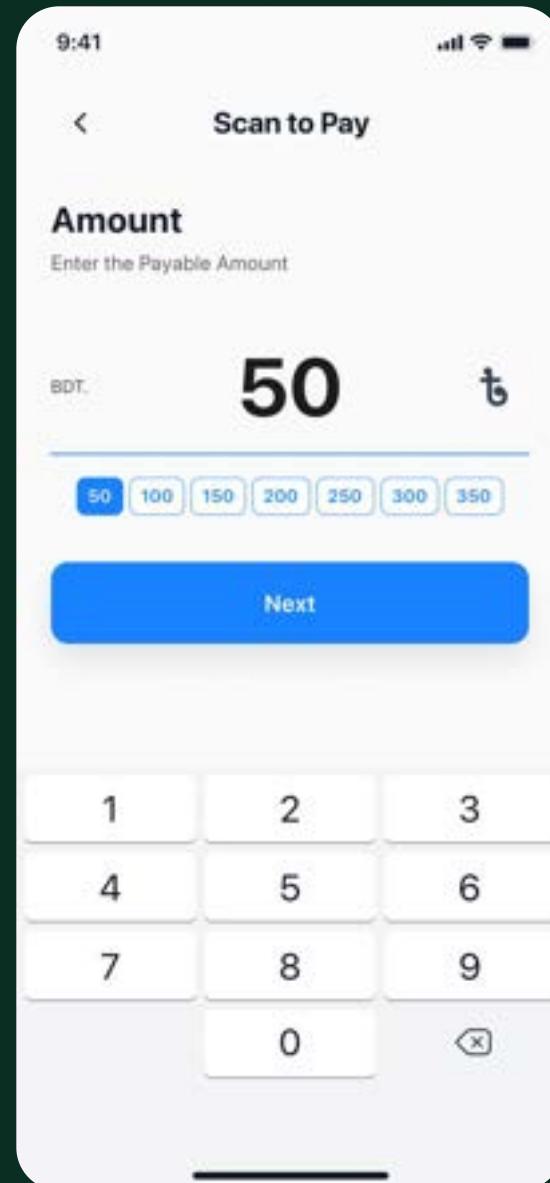
Jobike User App (Scan to Pay)



JoPoint App (Scan to Pay)



JoPoint App (Scan to Pay)



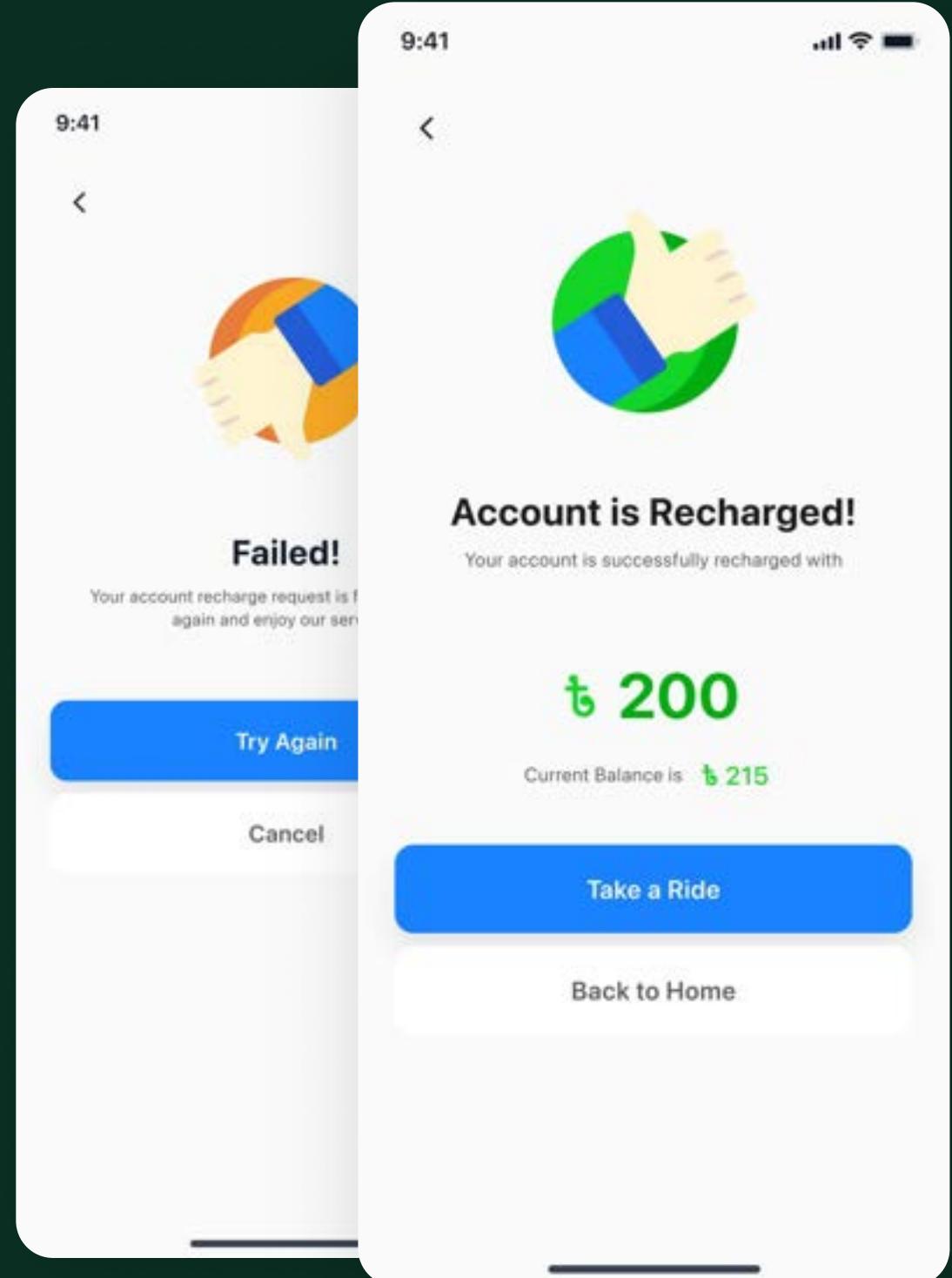
Usability Testing

After applying UI elements to our wireframes, we created a high-fidelity prototype.

We conducted three smaller in-person usability testing sessions.

The goal was to assess the app's overall usability and identify areas for improvements that could facilitate the completion of the tasks. The participants were given the same set of jobs.

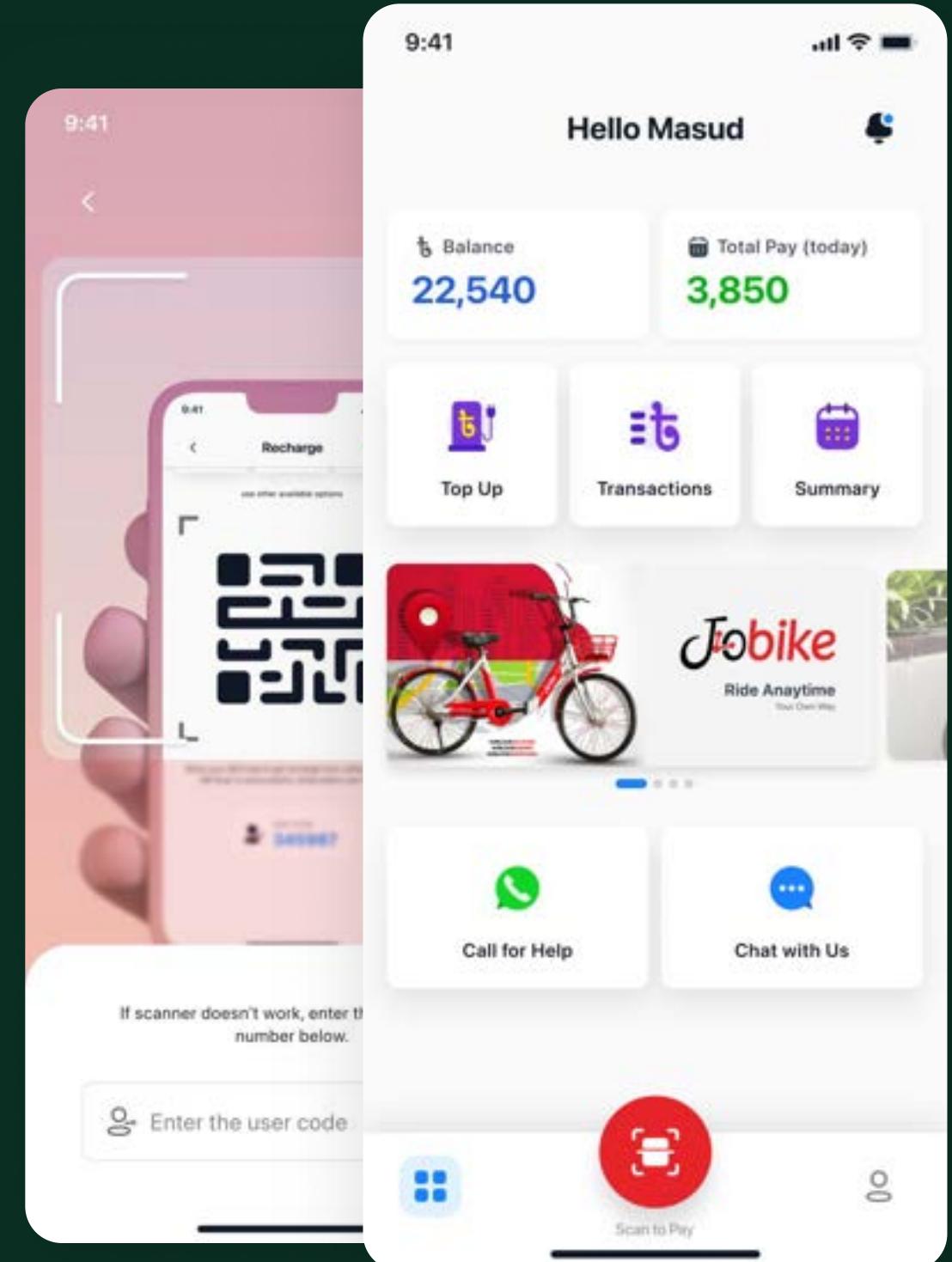
Due to the NDA issue, I've only shared the information authorized by the Jobike authority.



Refine & Deploy

Based on the usability testing sessions, we refined and updated the design. Then, we created deliverables for development handover. I maintained continuous communication with the developers during the development period.

After the successful deployment, it is time to collect feedback from the user.

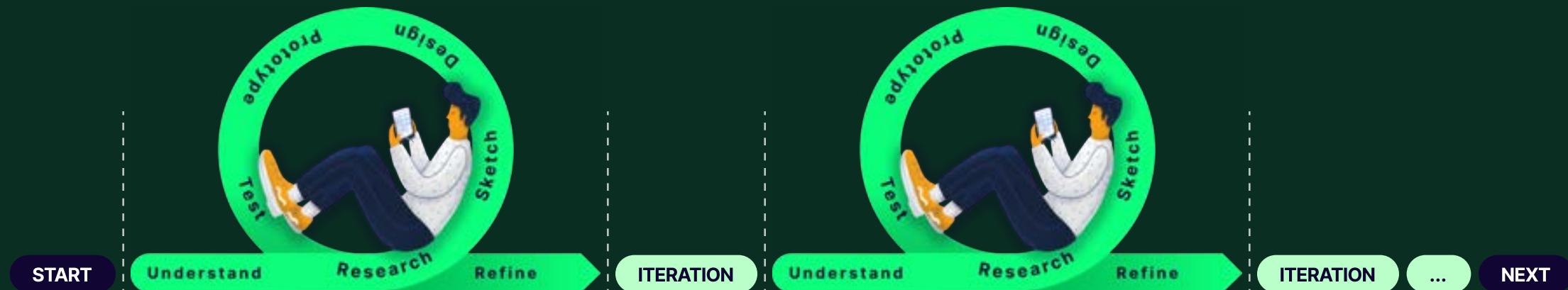


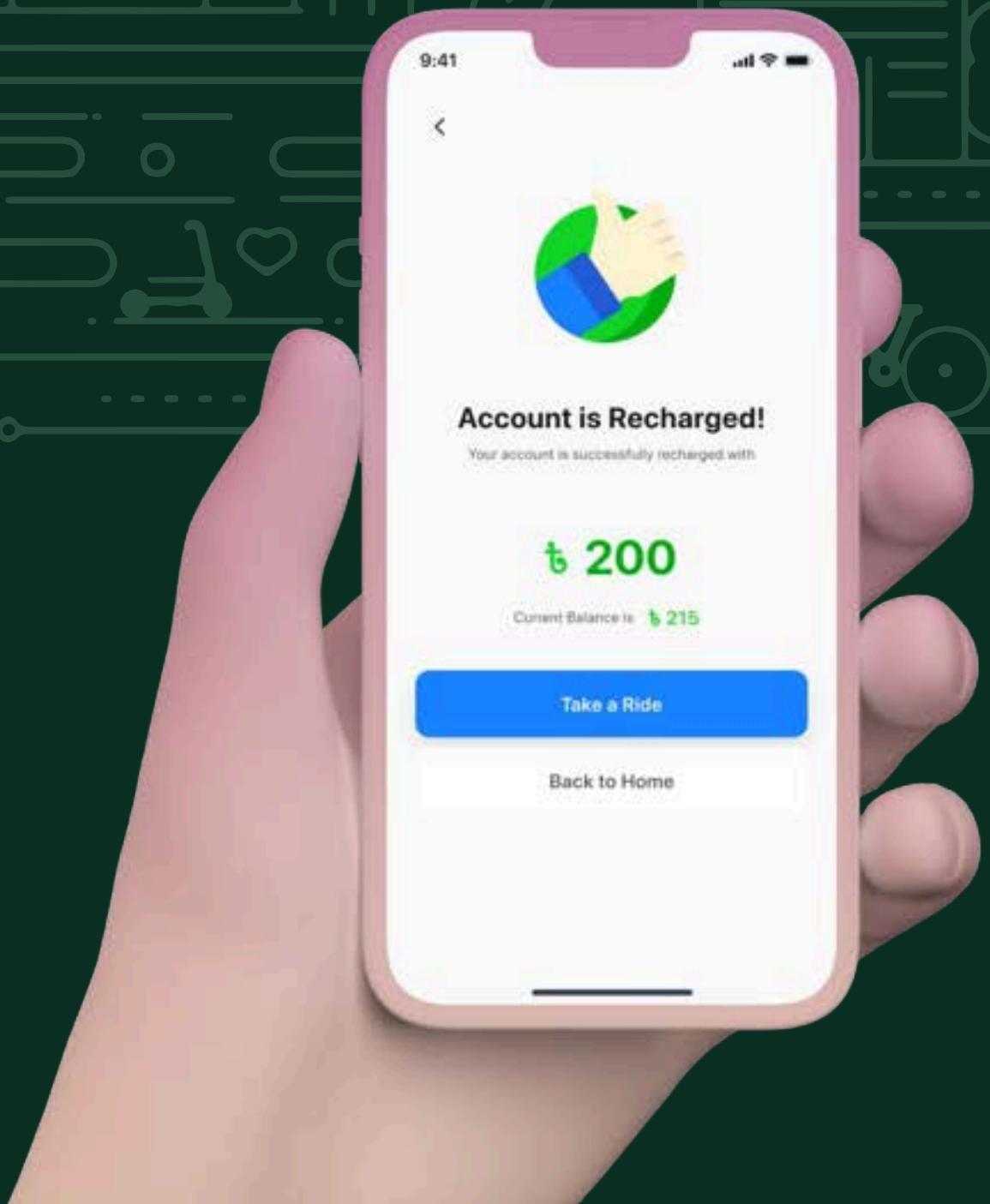
Results & Future Iteration

After the successful deployment, we collected feedback from user interview sessions. The newly developed features helped us rebuild our users' trust and make our service more efficient. We've monitored and measured the results and within the first 6 month based on our success metrics-

- **Online recharge increased by 65%.** Users don't need to visit JoPoints.
- Although JoPoint recharge decreased, the process is now more efficient. We've secured the users' privacy.

I always prefer to follow the iterative process. And keep repeating the steps.





Thank you

Feel free to reach me

✉️ anamoulrouf.bd@gmail.com

🌐 <https://anamoulrouf.com>



Truck Lagbe

KYS (Know Your Suppliers) ID Verification



KYS (Know Your Suppliers) ID Verification

Project

TL KYS Programme

Timeline

March 2022 – May 2022

Platform

iOS and Android.

Tools

Figma, FigJam, Notion.

My Role

UX Research, UI/UX Design.

Team Collaboration

Product, Marketing, Sales, Customer Support, and Tech.

Background

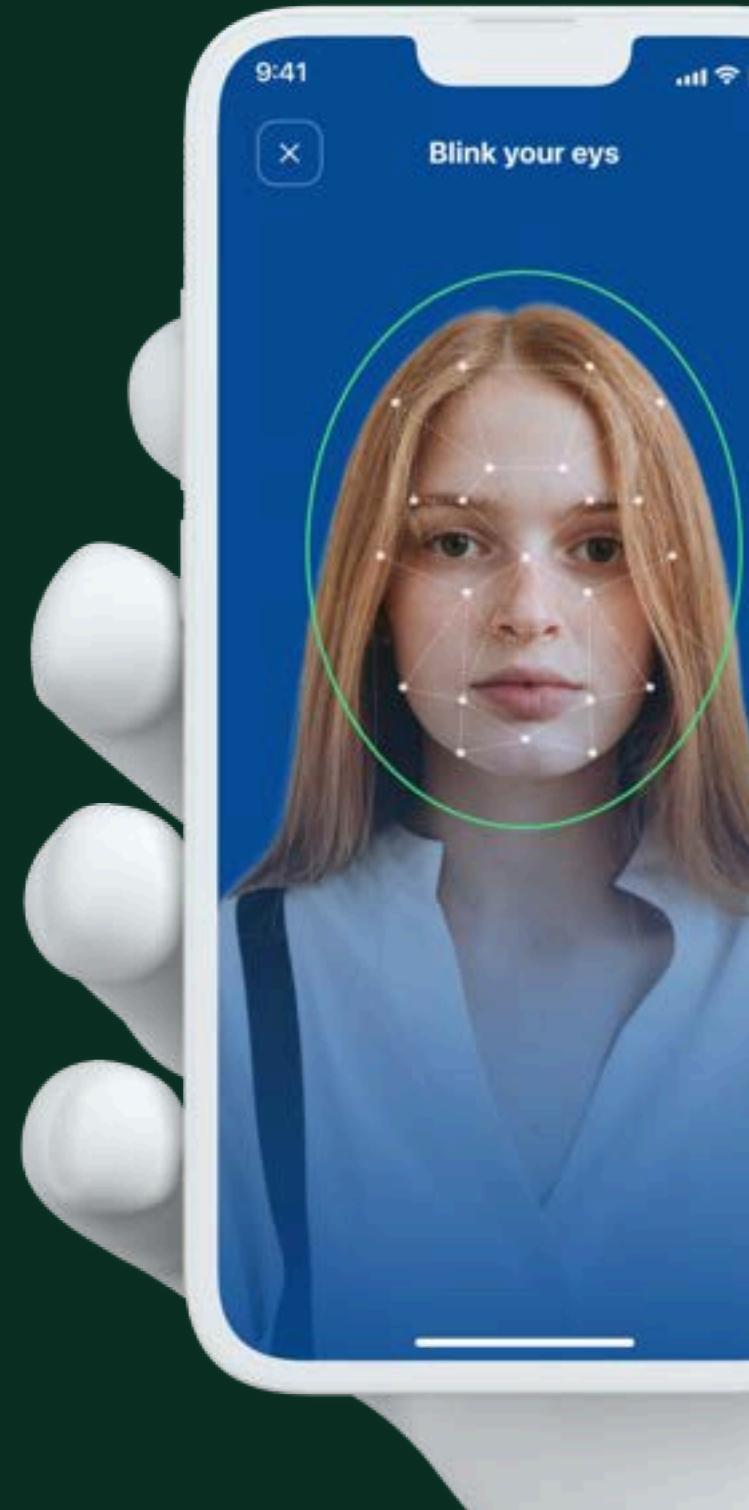
Truck Lagbe was facing operational difficulties verifying their delivery partners (truck owners, truck drivers, collaborators, transport agencies). Also, the trip Completion Rate (CR) is getting more challenging to control and the fraudulent cases are restricting our growth.

Goal

- Get more supply partners re-verified.
- Make the verification process more efficient, functional and scalable.
- Have more control over fraudulent cases and trip Completion Rate (CR).

Outcome

- Re-verified around 92% of our existing supply partners.
- The fraudulent cases were reduced to around 30%.
- The trip Completion Rate (CR) increased by 35%.



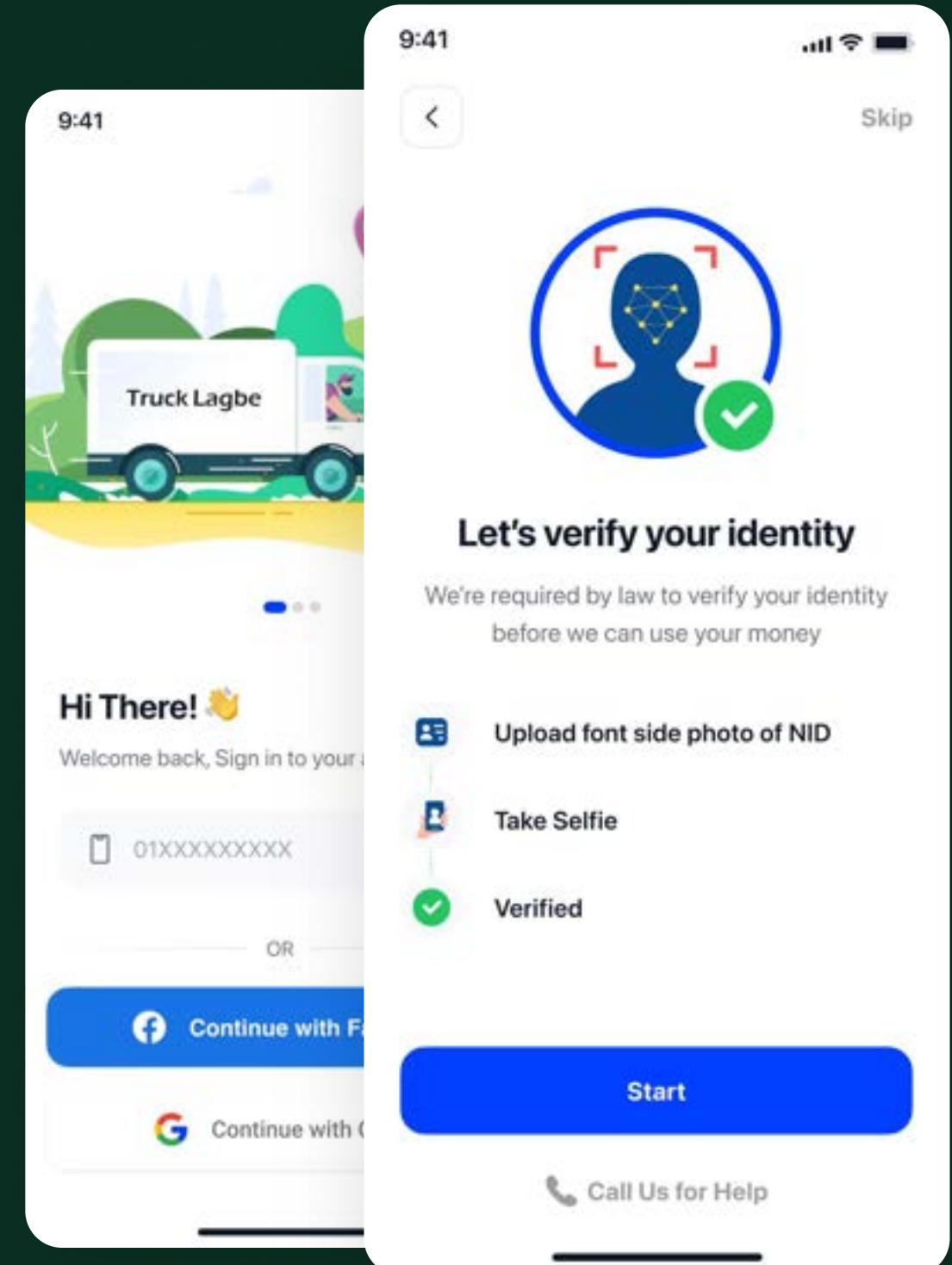


Design Challenge

Truck Lagbe is always concerned about its customers. To gain their trust and be their moving partner.

- Truck Lagbe faced operational difficulties verifying their delivery partners (truck owners, truck drivers, collaborators, transport agencies).
- It's pervasive in the trucking industry that truck drivers spend most of their time on trips, moving and busy.
- Getting them in optimum places and meeting them personally is also very challenging.
- Also, asking the user to come to TL Services Points can't be a feasible solution, and our wild guess is we'll only get 5-8% of users' information.
- In some cases, users don't have the required document with them.

- Sometimes we get documents from users through courier delivery service. But in that case, we fail to verify the user in person.
- In some cases, users don't have the required document with them. The trip Completion Rate (CR) was getting more challenging to control, and the fraudulent issues restricted our growth.



The Discovery

The discovery phase was a quick, high-intensity effort that allowed us to -

- Define project goals and milestones
- Audit the existing process faults
- Review the existing solutions by other similar products
- Understand business visions
- Empathize the users' needs, behaviors, and pain-points
- Understand technological feasibility and constraints.

Here are three considerations that help me to understand and prioritize the issues.

- How satisfying is the solution for users?
- How well is this solution for users' problem solving and also good for business?
- How challenging would it be to build from the technical feasibilities and limitations?



The Findings

We visited 10 suppliers. We also had brainstorming discussion sessions with our internal cross-functional team members.

- All the suppliers had a smartphone, and most had button phone.
- 7 users were using bKash or other MFS apps. Most of them are familiar with TikTok, IMO, Facebook, Whatsapp, SHAREit and other related apps.
- They are also familiar with taking selfies, photos, and videos.
- Our technical sessions taught us about OCR (optical character recognition) and WebRTC (real-time communications).
- We also depended on 3rd party API service from Porichoy.com (a government service to verify National ID).

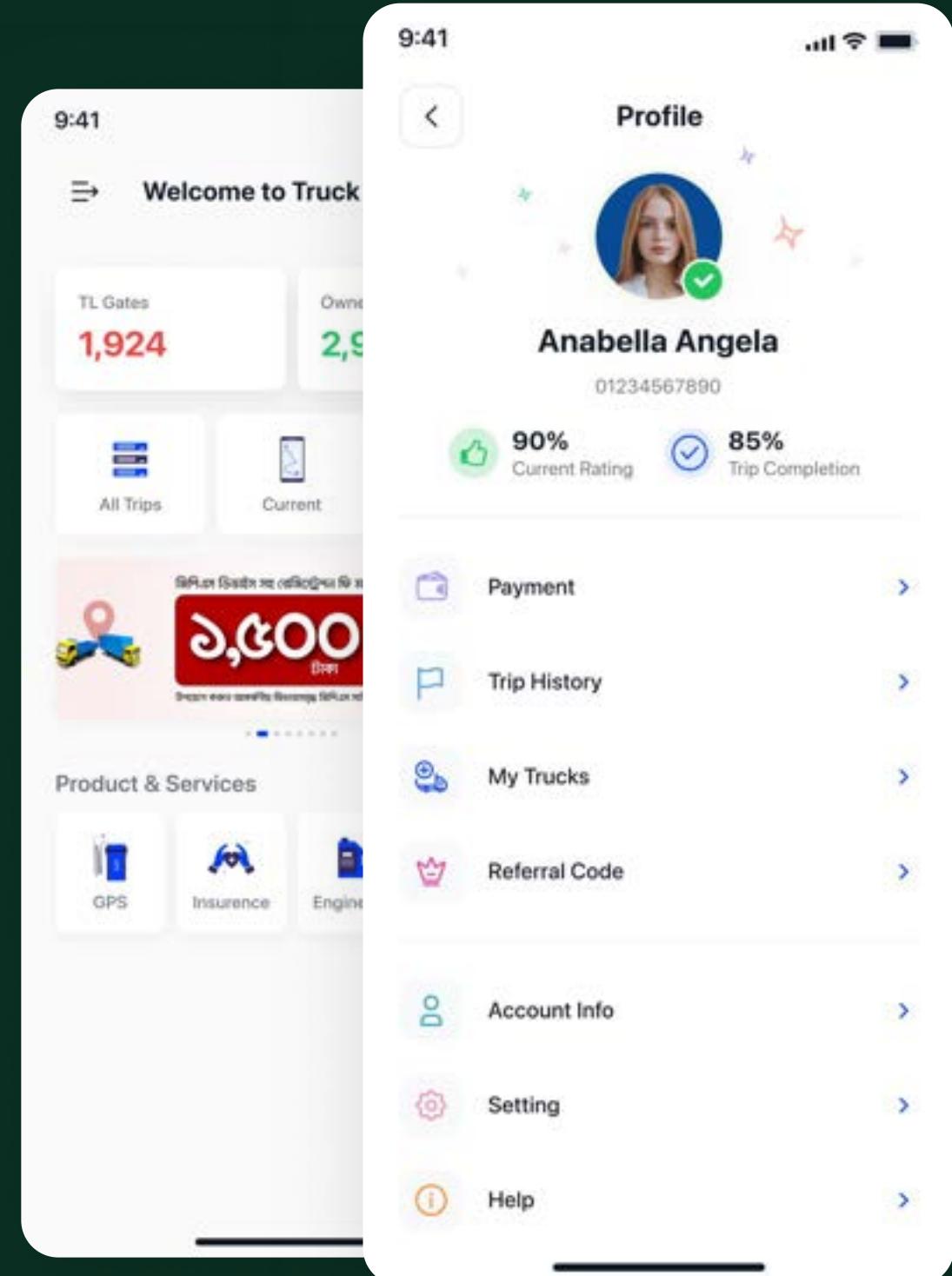


Approach

Thinking about the future, we wanted to create a system that is simple, easy to use, functional and scalable solution to address the problems. Our goal was to seamlessly display the experience, if necessary, and then guide the user into the flow they originally were in. By collaborating closely as a team, we could provide fallback solutions to our users.

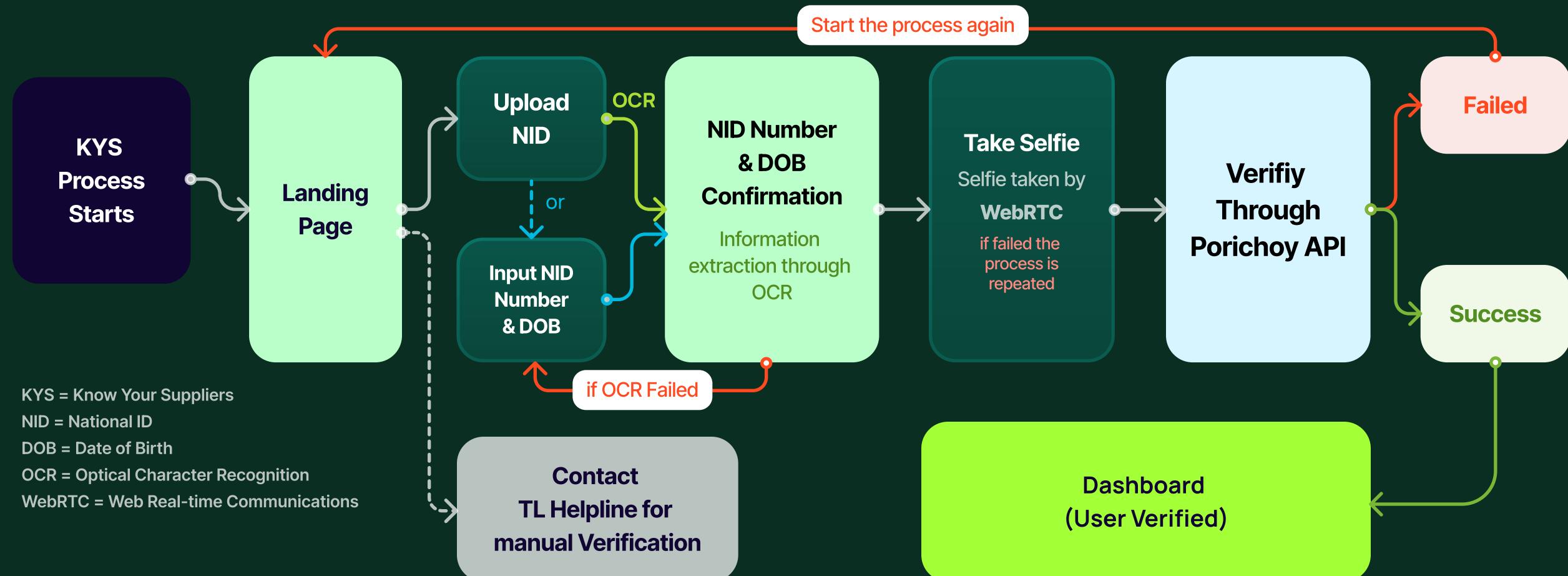
So, Truck Lagbe introduced KYS (Know Your Suppliers) programme. In this programme, Truck Lagbe will comply with its supply partners.

- Ensuring the in-person verification process, we had to implement OCR to collect the data from images and WebRTC to develop video liveness ID verification SDK.
- We also used API service from Porichoy.com (a government service) to verify our National ID.
- It is our concern to keep our customers happy.



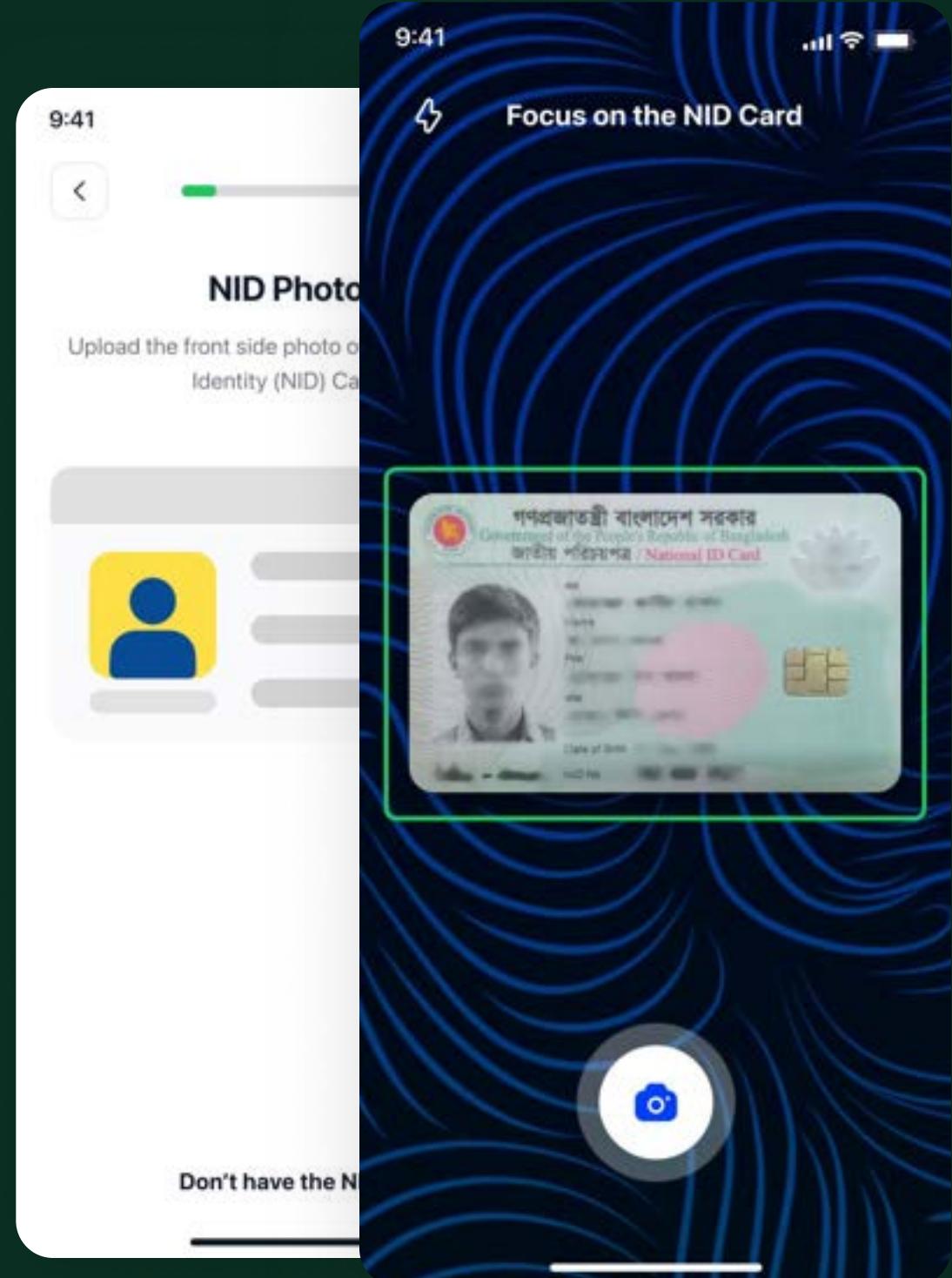
The KYS Process

We used a 3rd party Bangladesh Government authorised service through out the process.



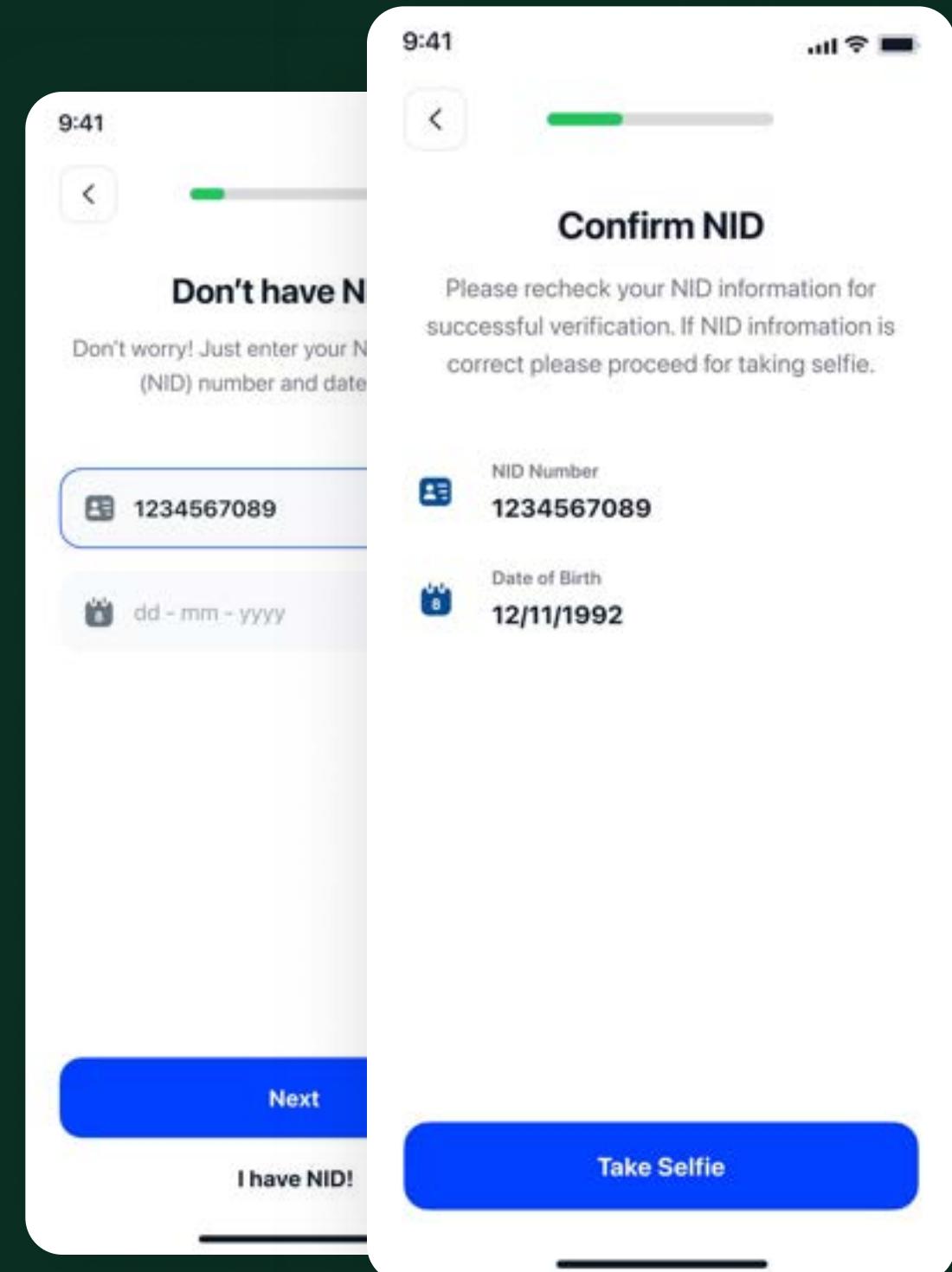
Method 1: National ID Scan

In collecting and validating a National ID, we asked our users to upload a photo of the NID Front side. We provided an interface for taking a picture, and OCR helped us to collect necessary data from it. Then WebRTC enabled us to capture the selfie and validate the information from Porichoy API. If the NID was valid, the user was verified instantly.



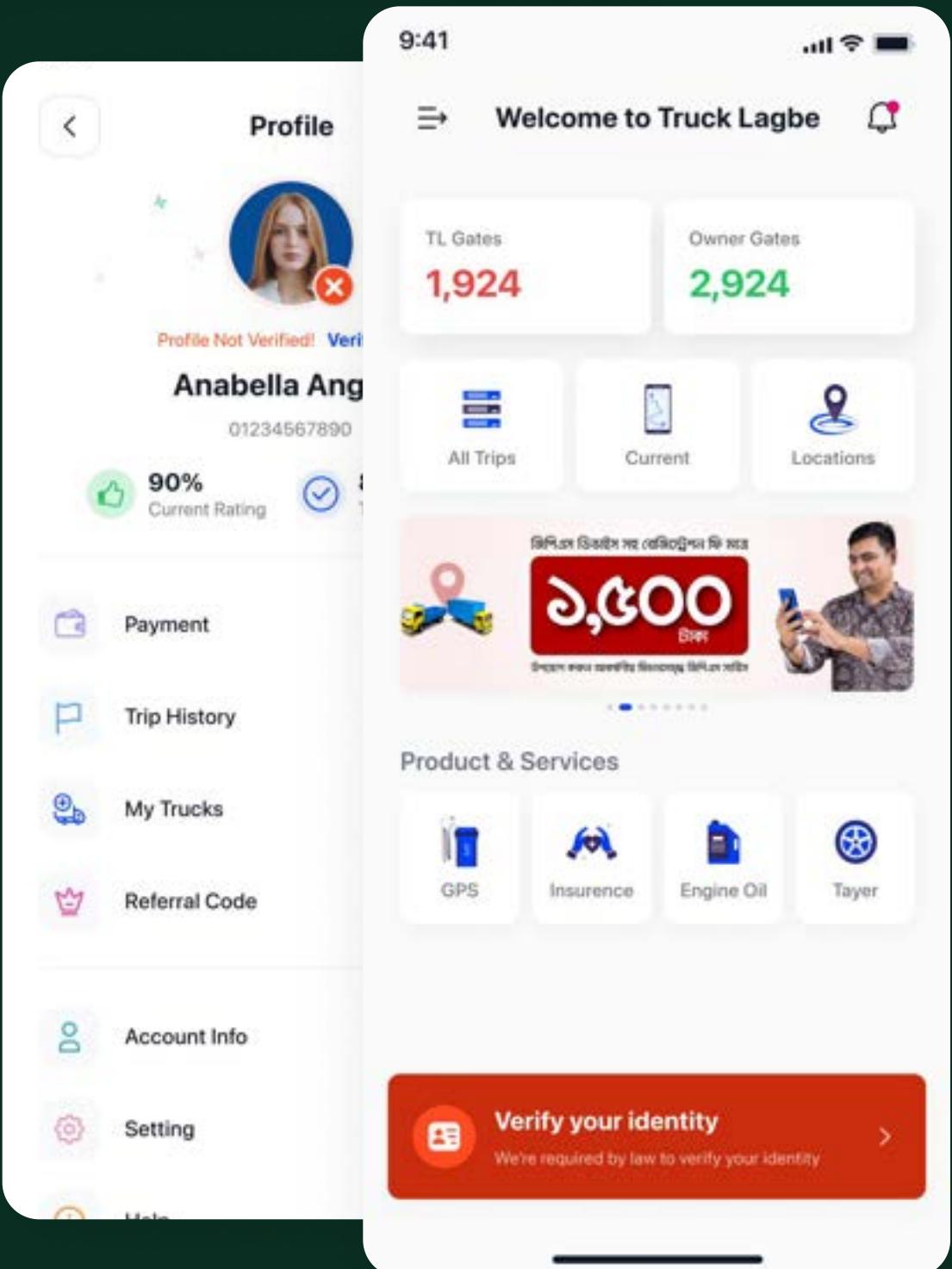
Method 2: Manual Entry

Sometimes the users don't have the National ID physically. We provided an interface for entering National ID information, and then WebRTC will help them to take the selfie and validate the information from Porichoy API. If the document is the valid user gets verified instantly.



Method 3: Contact with Support

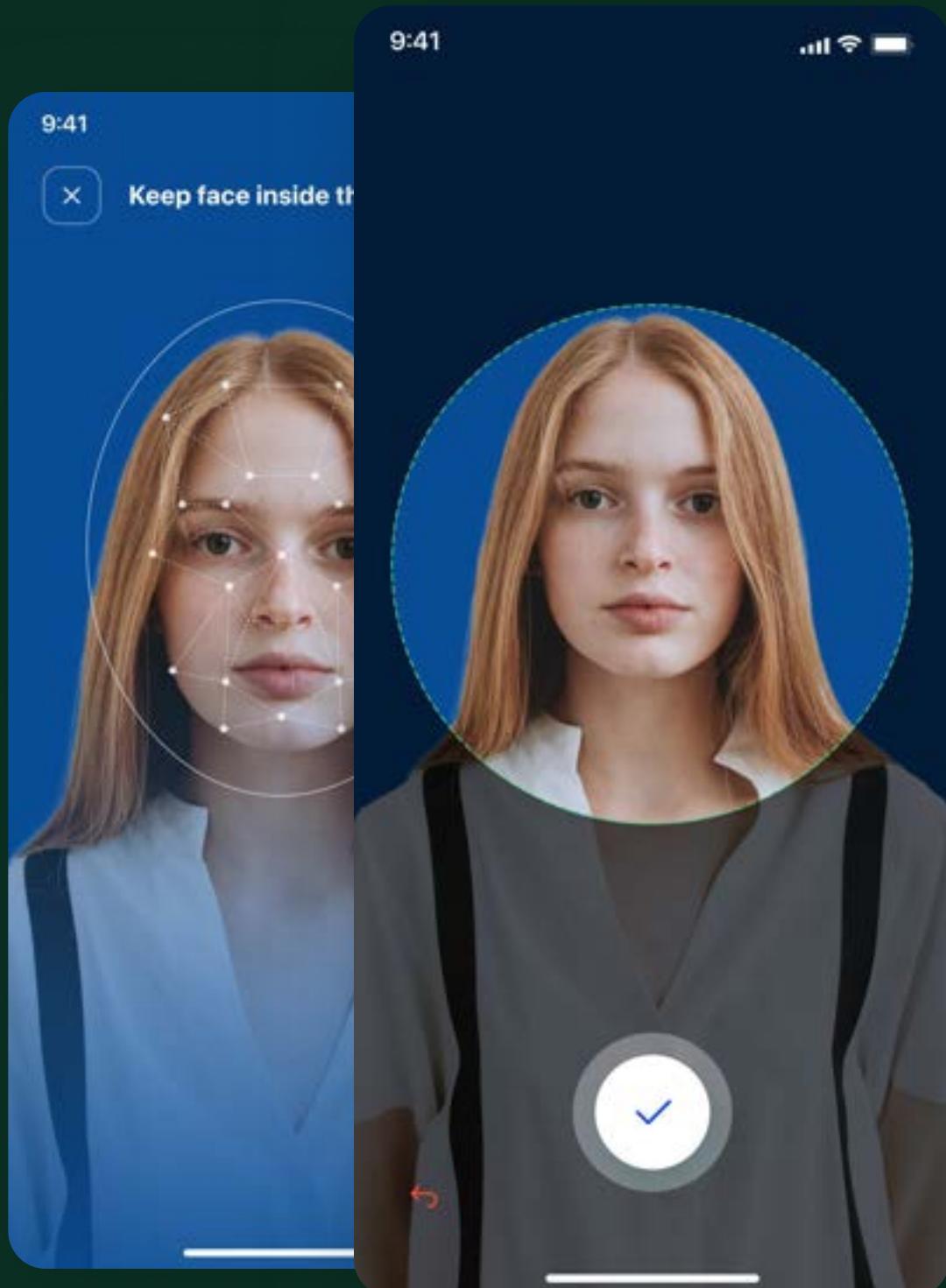
If the users don't have NID or access to the internet, they can visit TL Points to verify them manually. They can also call our TL Helpline to personalise help.



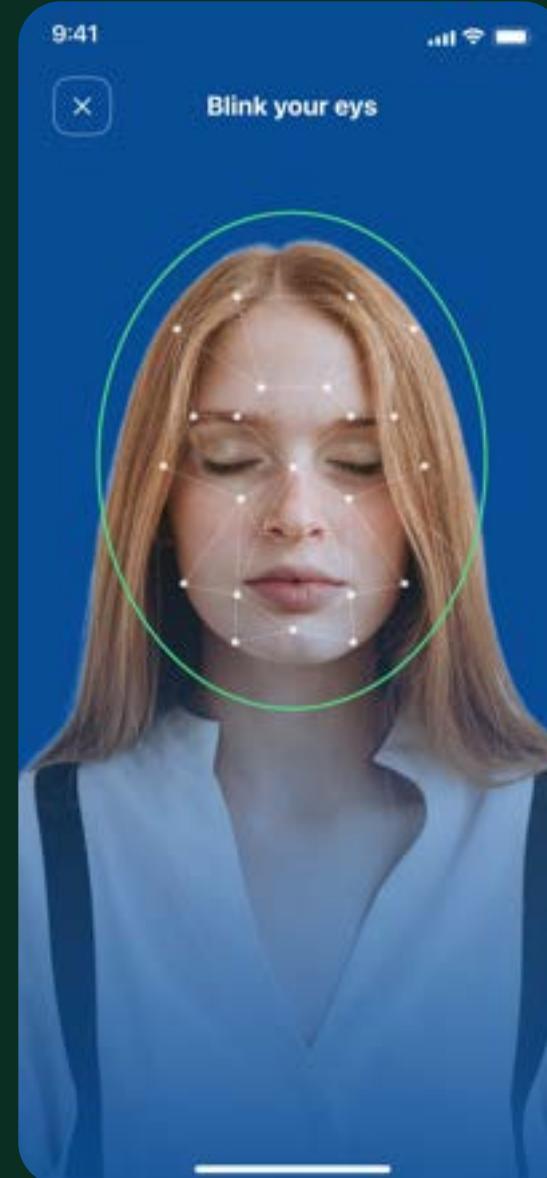
WebRTC for Taking Selfie

Our first use of WebRTC was designing for a Real-time selfie-capturing feature.

- We removed the ability to upload a selfie and replaced it with a video stream of a device's camera view. We could now get people to capture a selfie from the video stream.
- This feature was starting to get us closer to the native SDK experience, but we still knew we needed to be able to video record the stream to make fraud attempts harder.



WebRTC for Taking Selfie

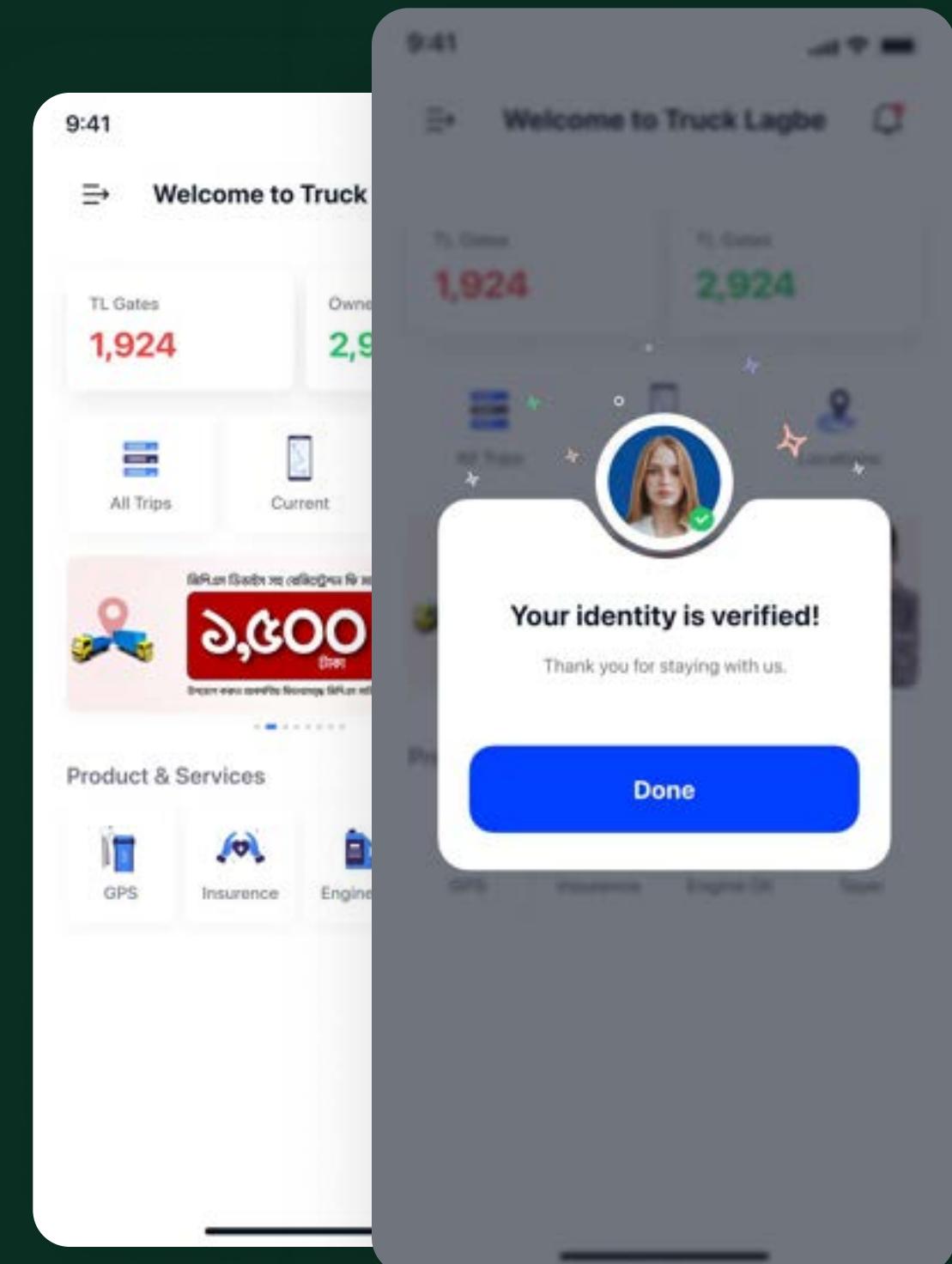


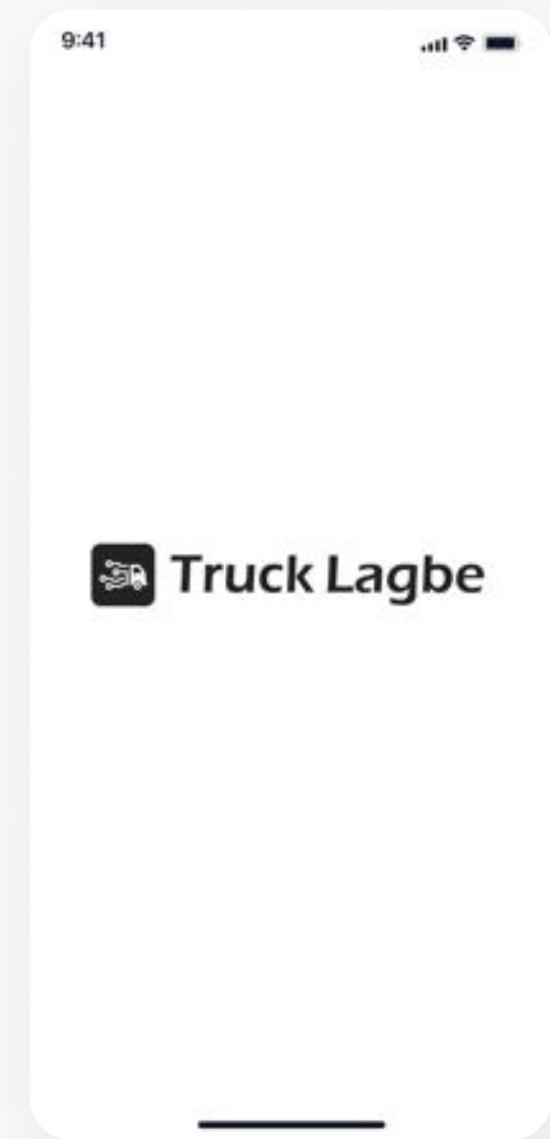
Impact

Identity Verified!

After following the KYS process, we have verified our valued supply partners. We followed the compliance rules of the Bangladesh Government. It helps to gain not only our customer's trust but as well as make our service more compliant. It also attracts more investors.

- KYS Programme helps us to **automate the verification process** and make our operations more efficient.
- We've automatically re-verified around **92% of our existing supply partners**.
- The **fraudulent cases** were **reduced to around 30%**.
- The **Trip Completion Rate (CR)** increased by **35%**.

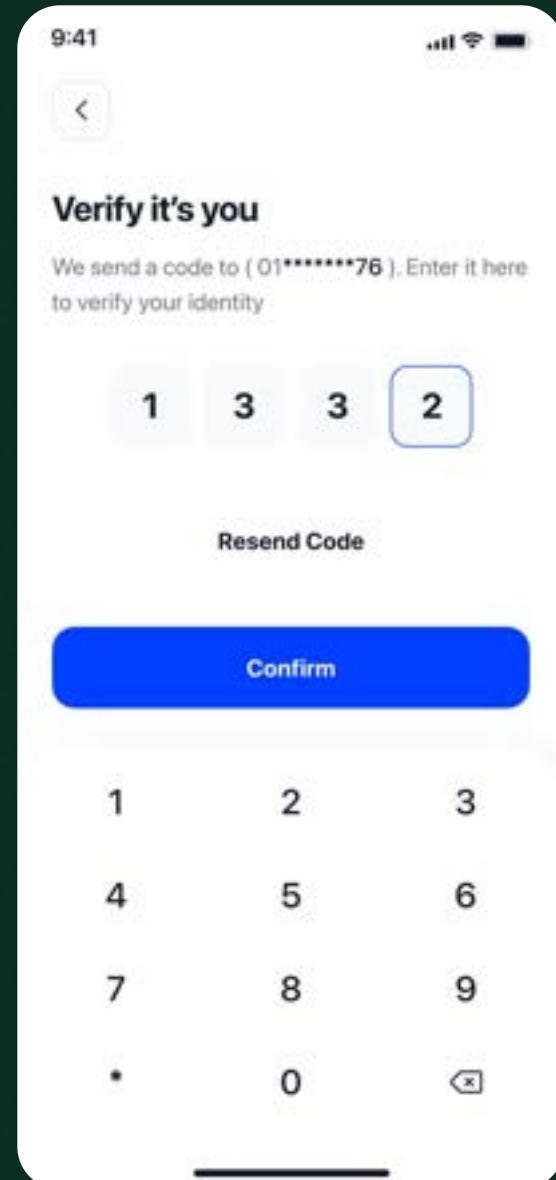
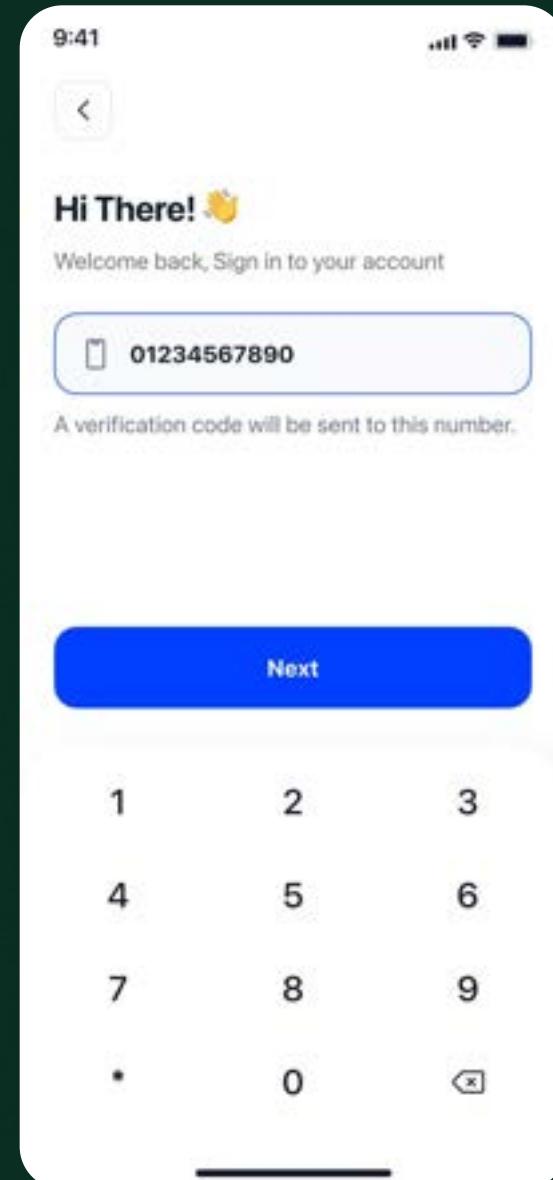
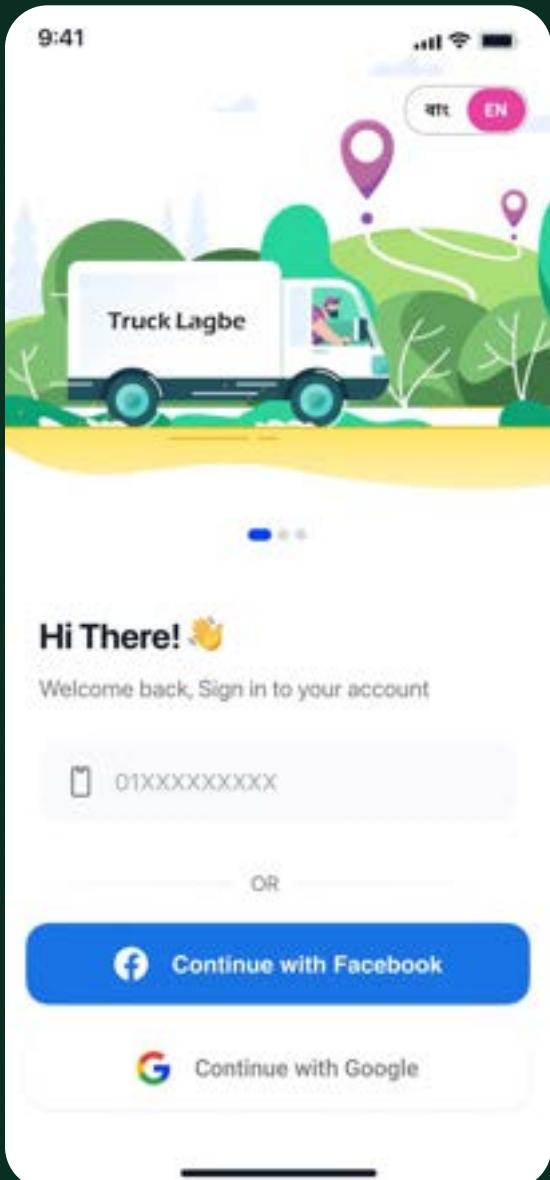




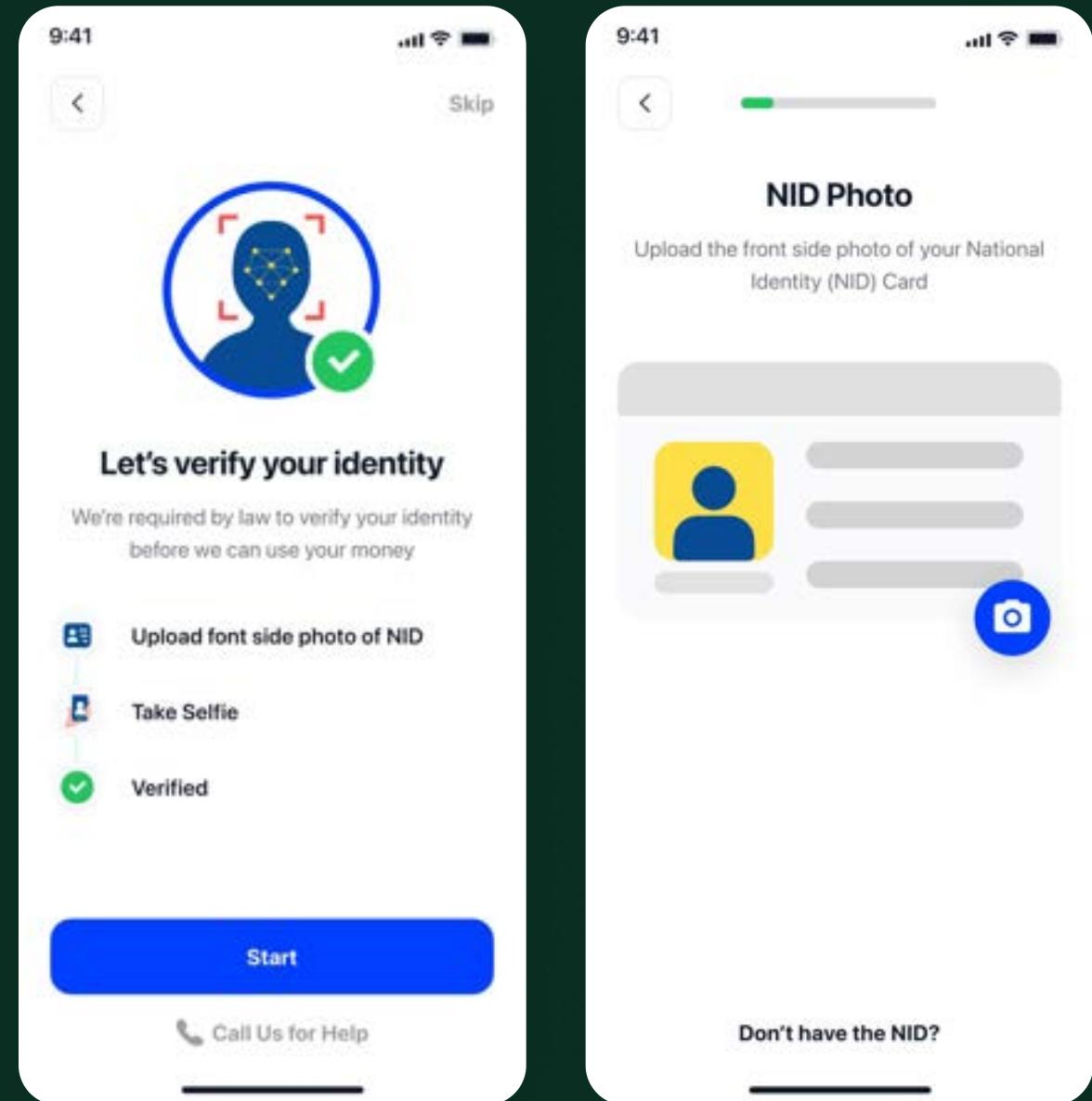
Design Prototype

[Click Here](#)

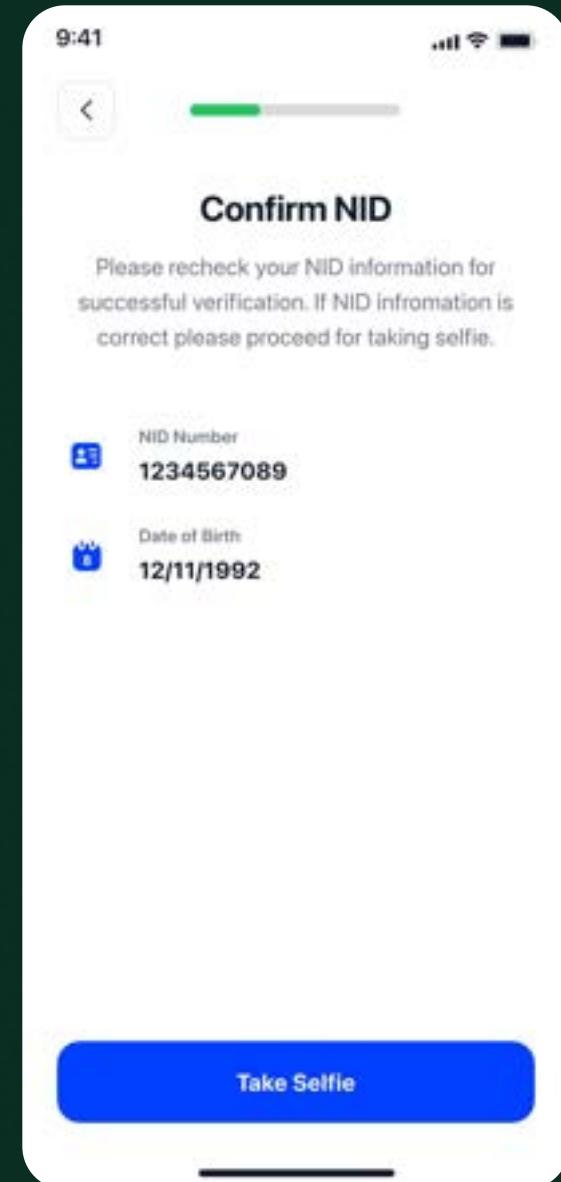
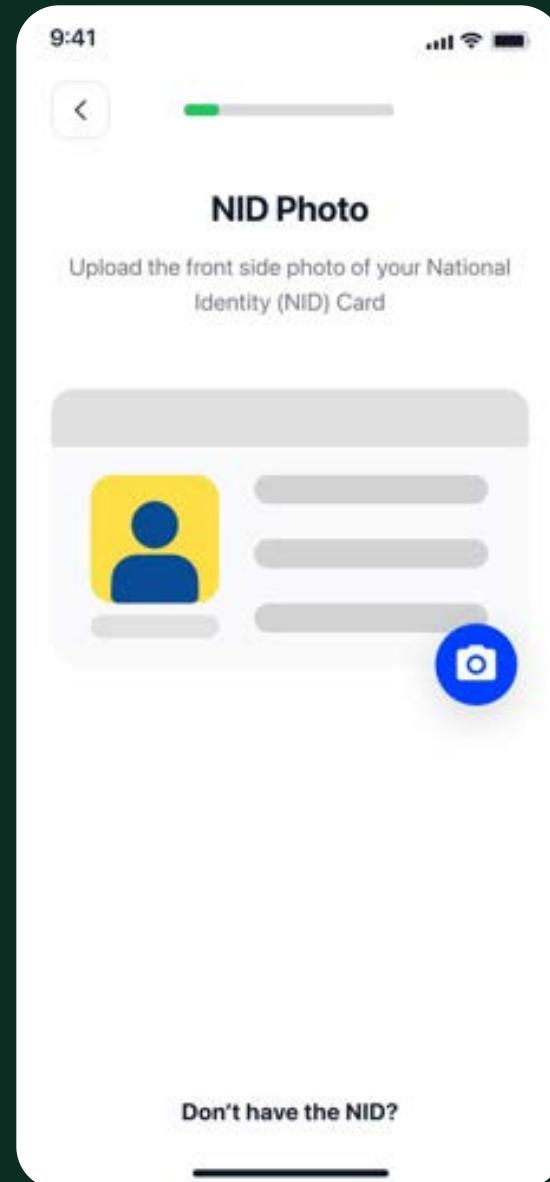
User Interface (login)



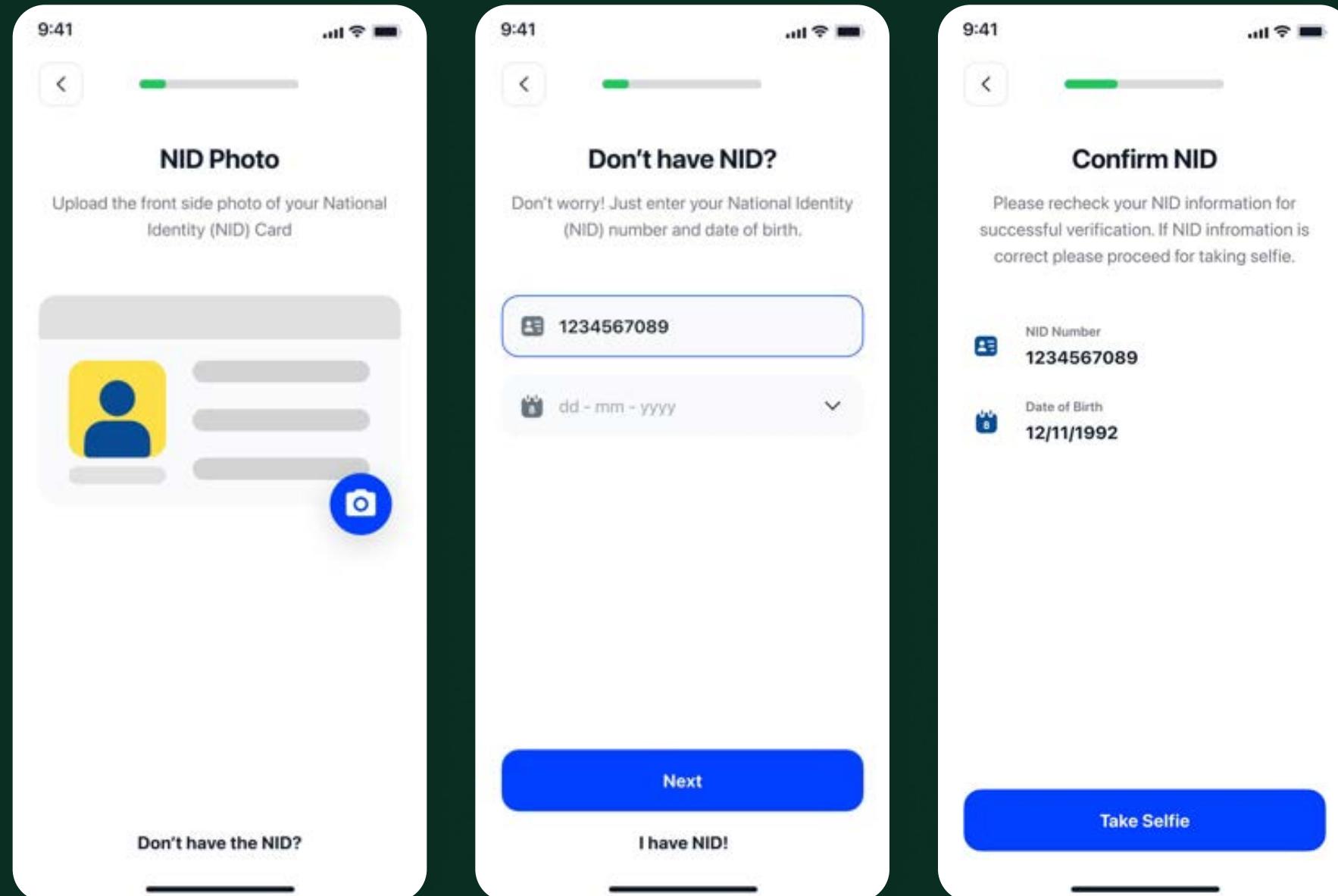
User Interface (Verification Process)



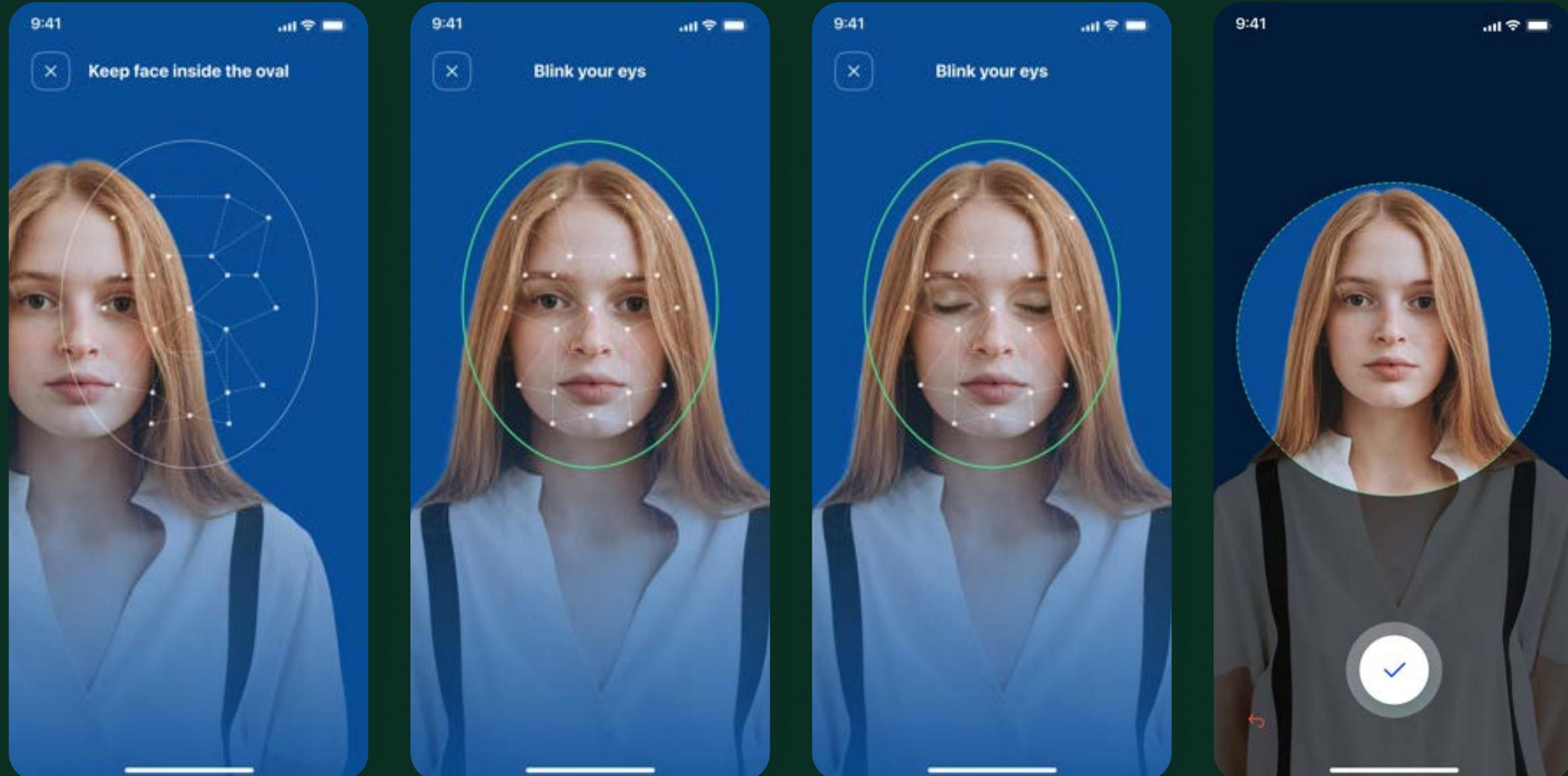
User Interface (Verification: Upload NID)



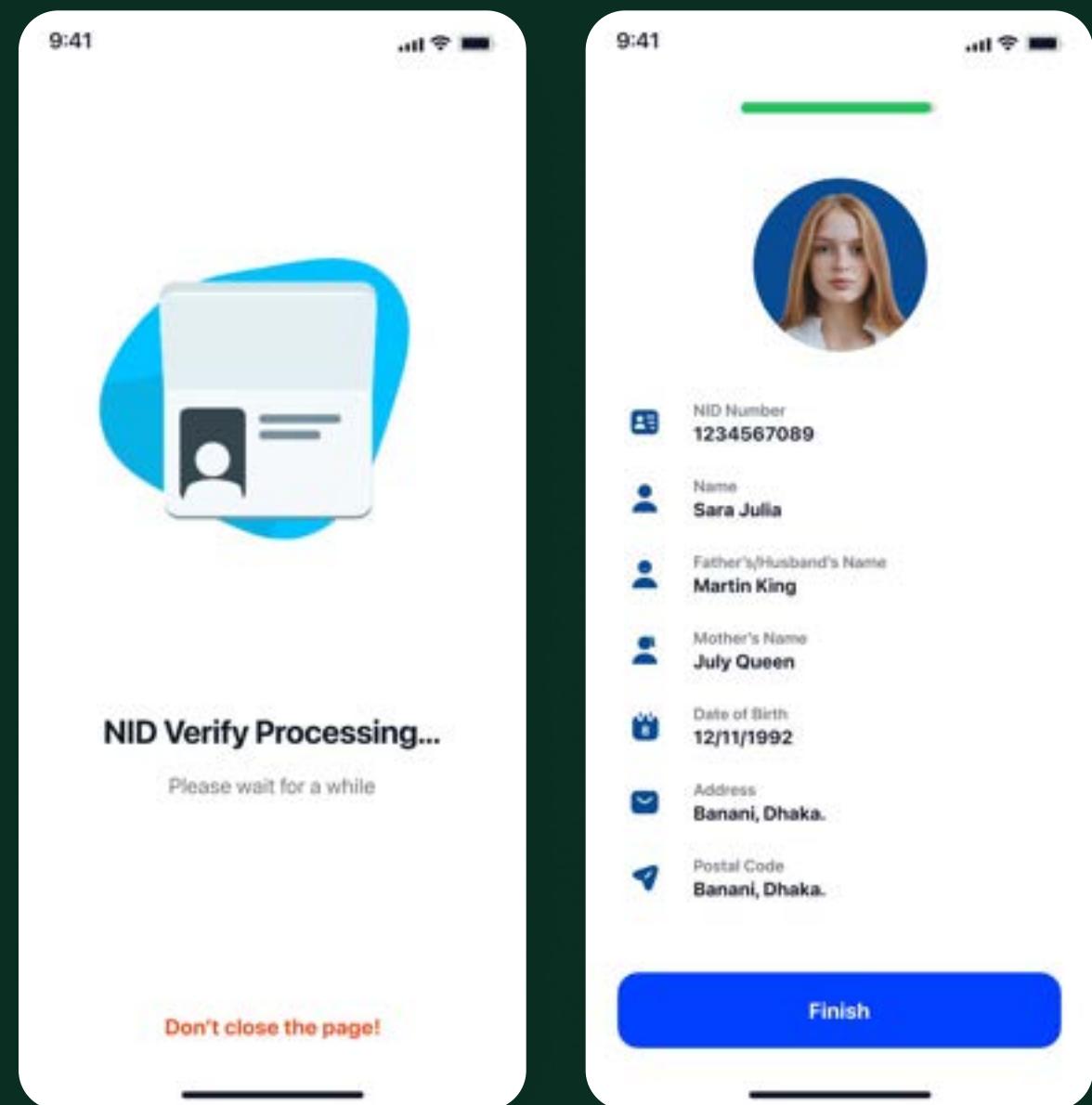
User Interface (Verification: Entry NID Info)



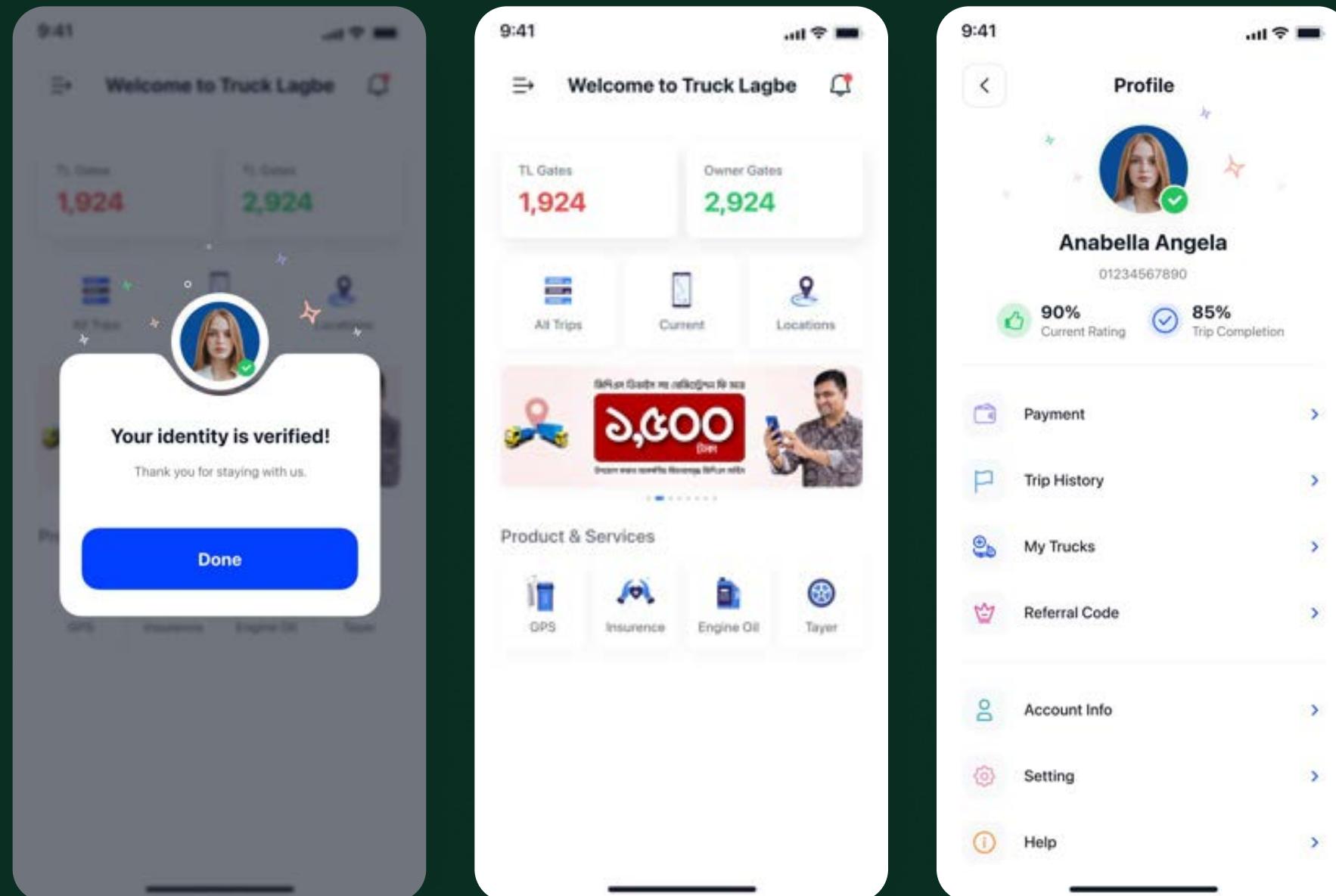
User Interface (Verification: Taking Selfie)



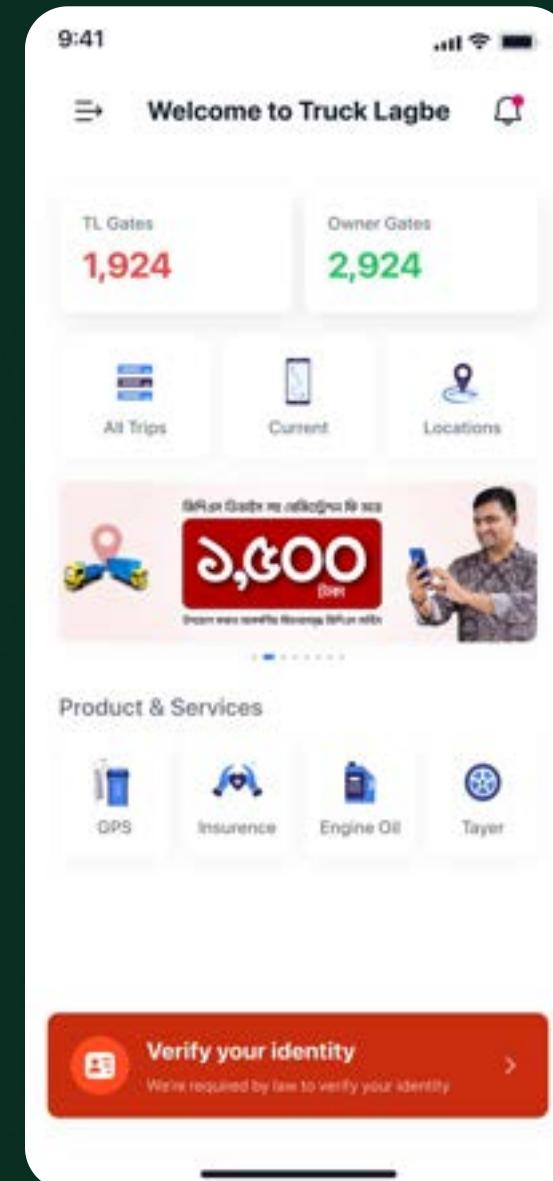
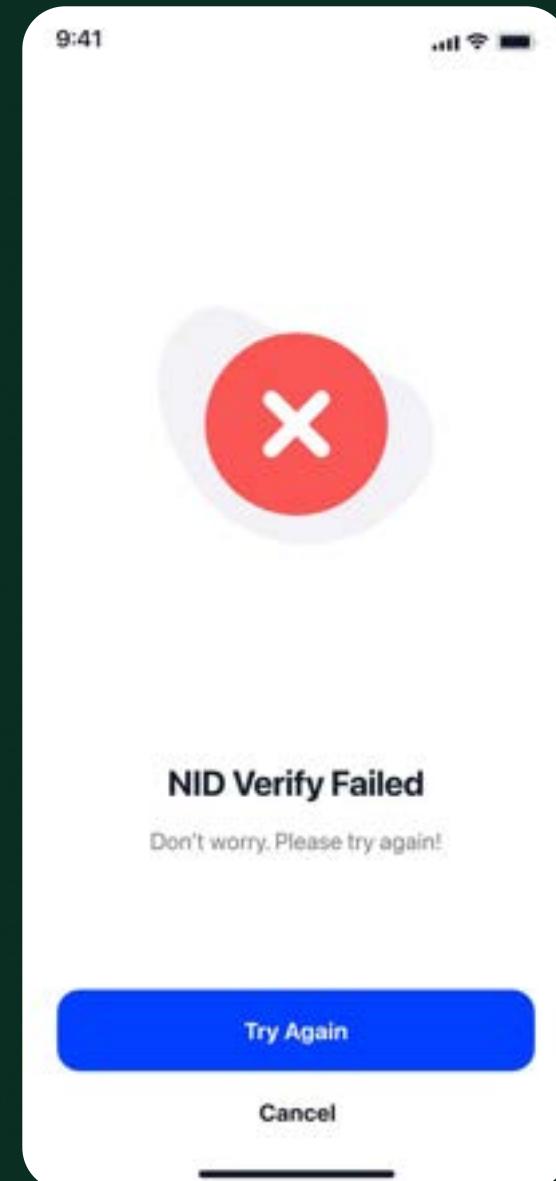
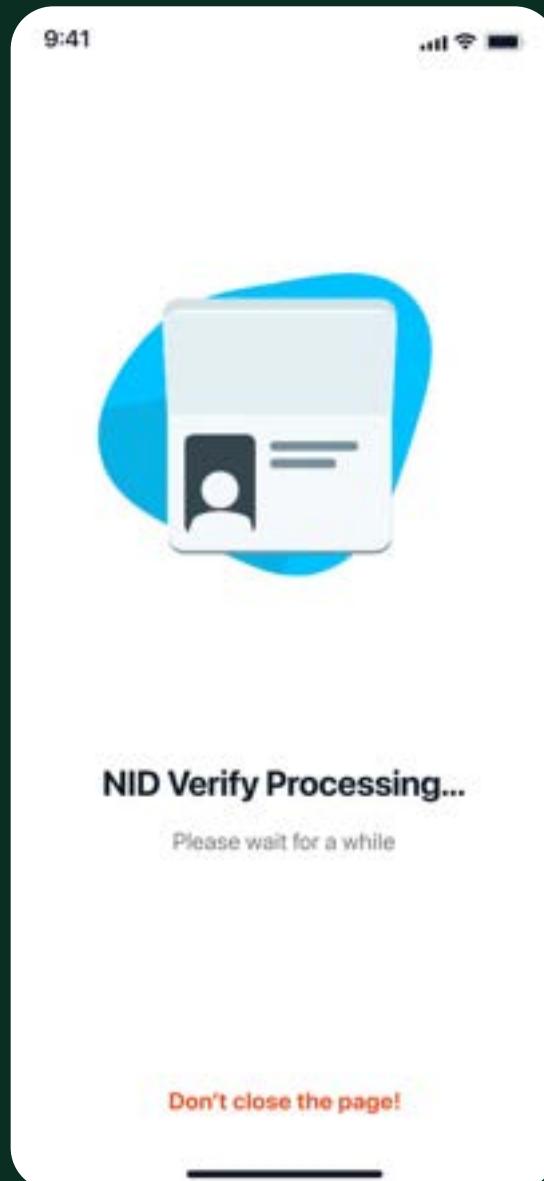
User Interface (Verification: Matching Info)



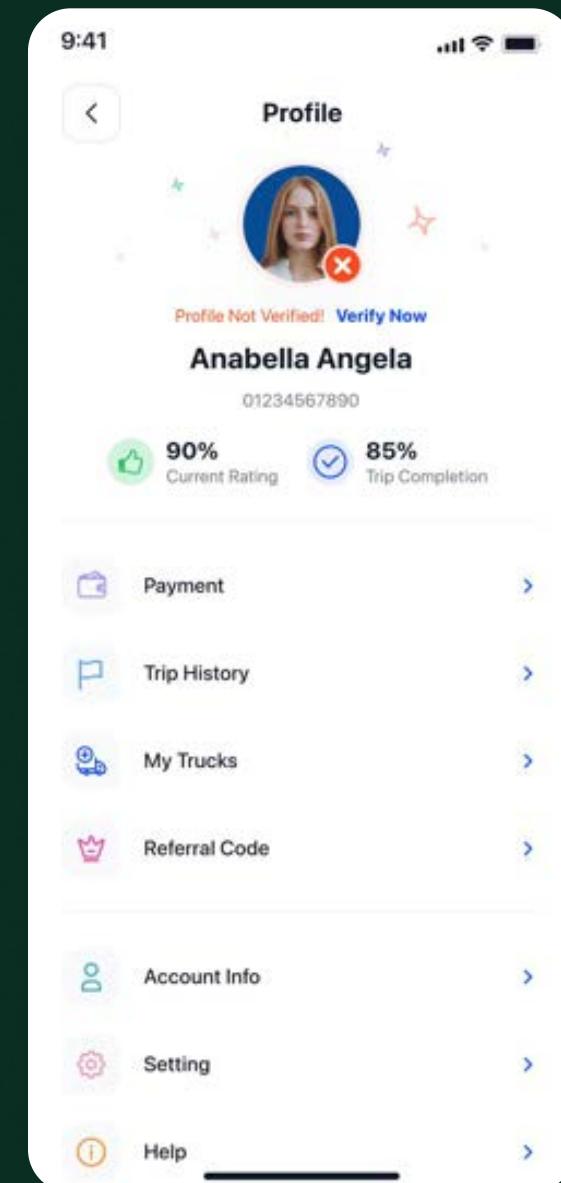
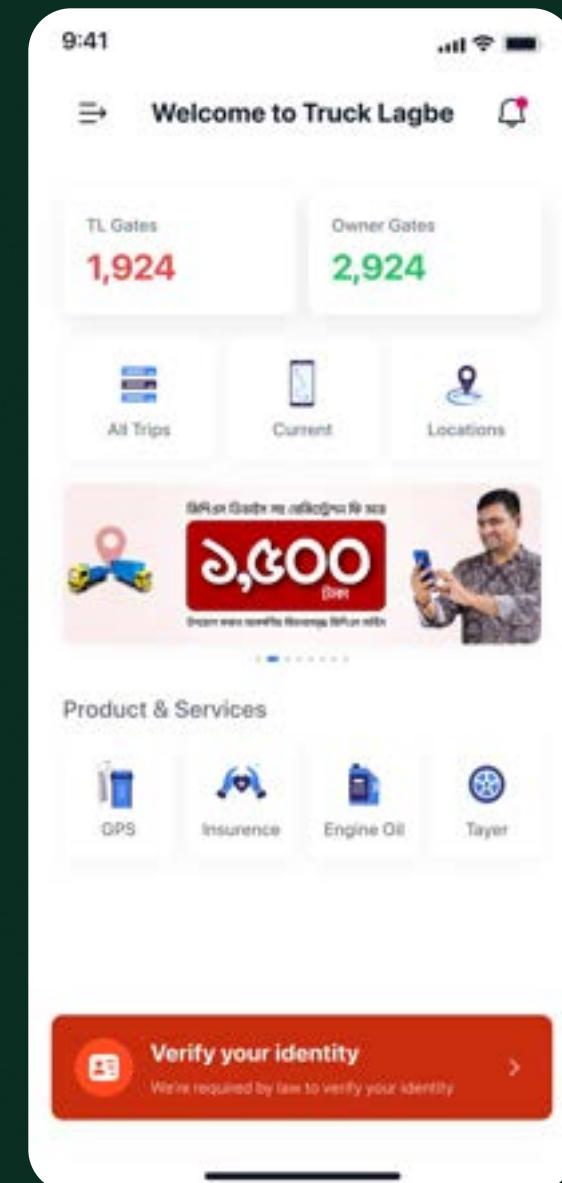
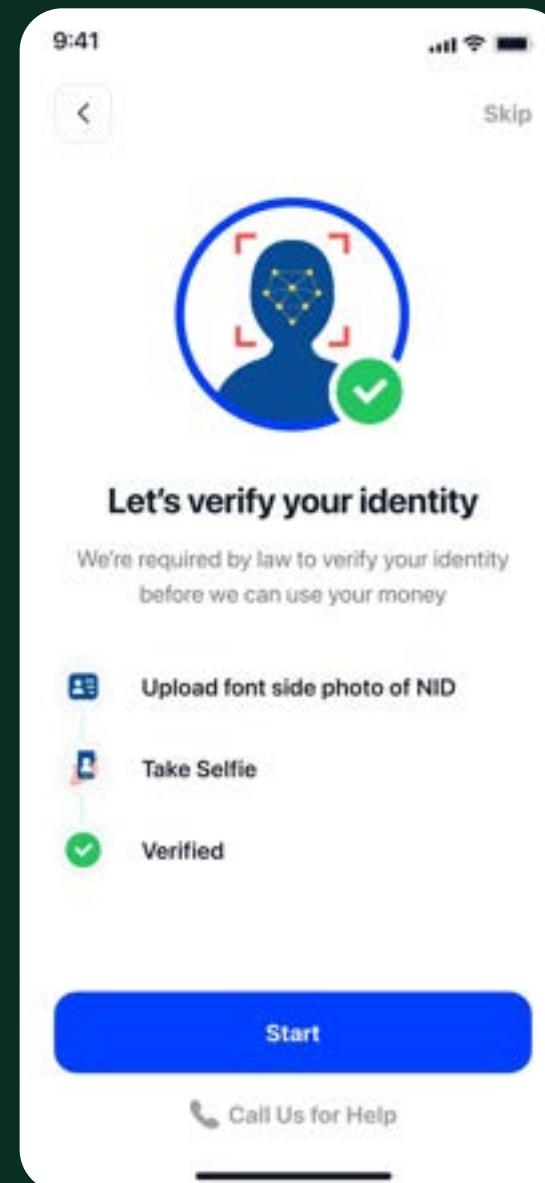
User Interface (Verification: Successful)

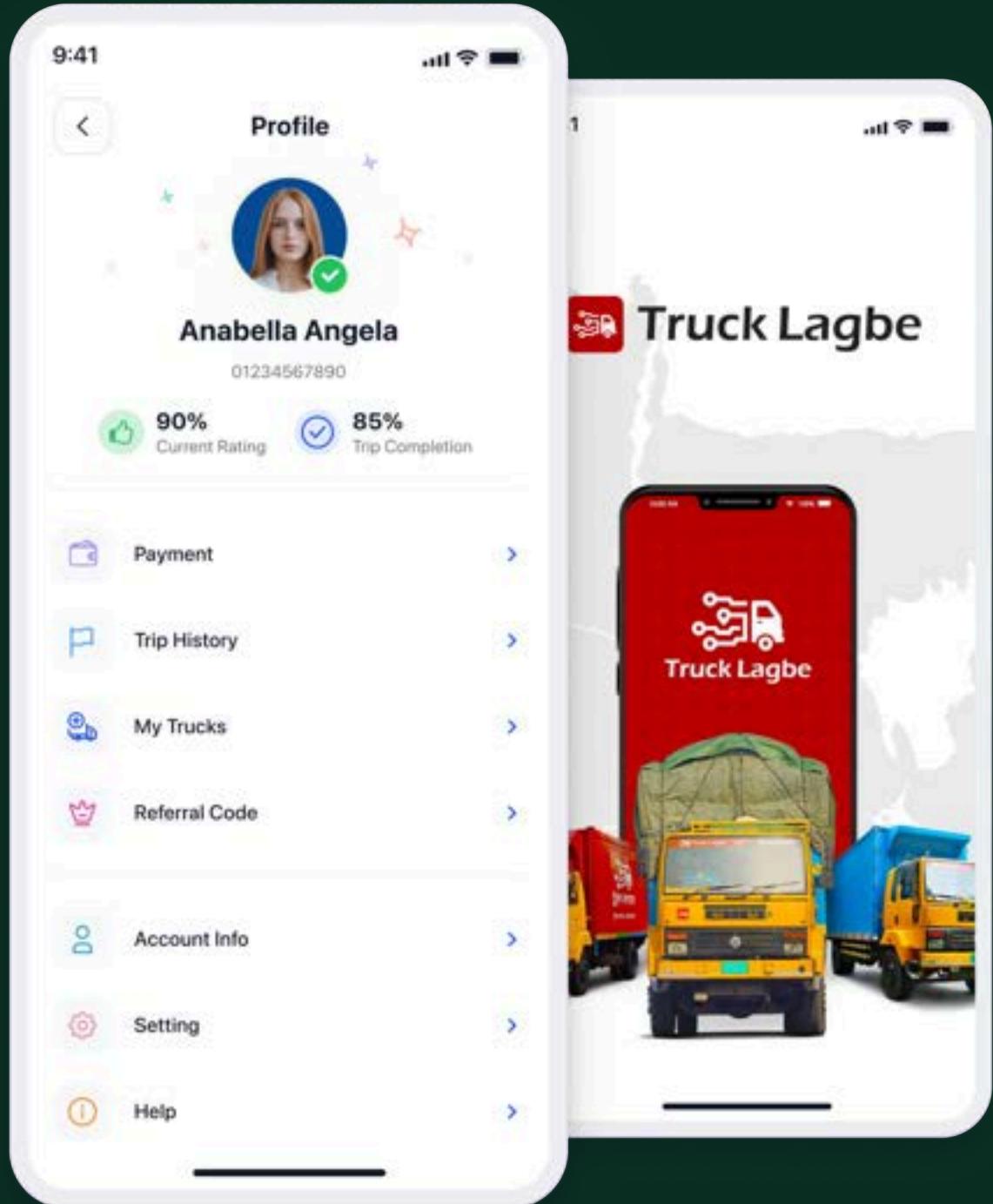


User Interface (Verification: Failed)



User Interface (skipped/ existing user)





Thank you

Feel free to reach me

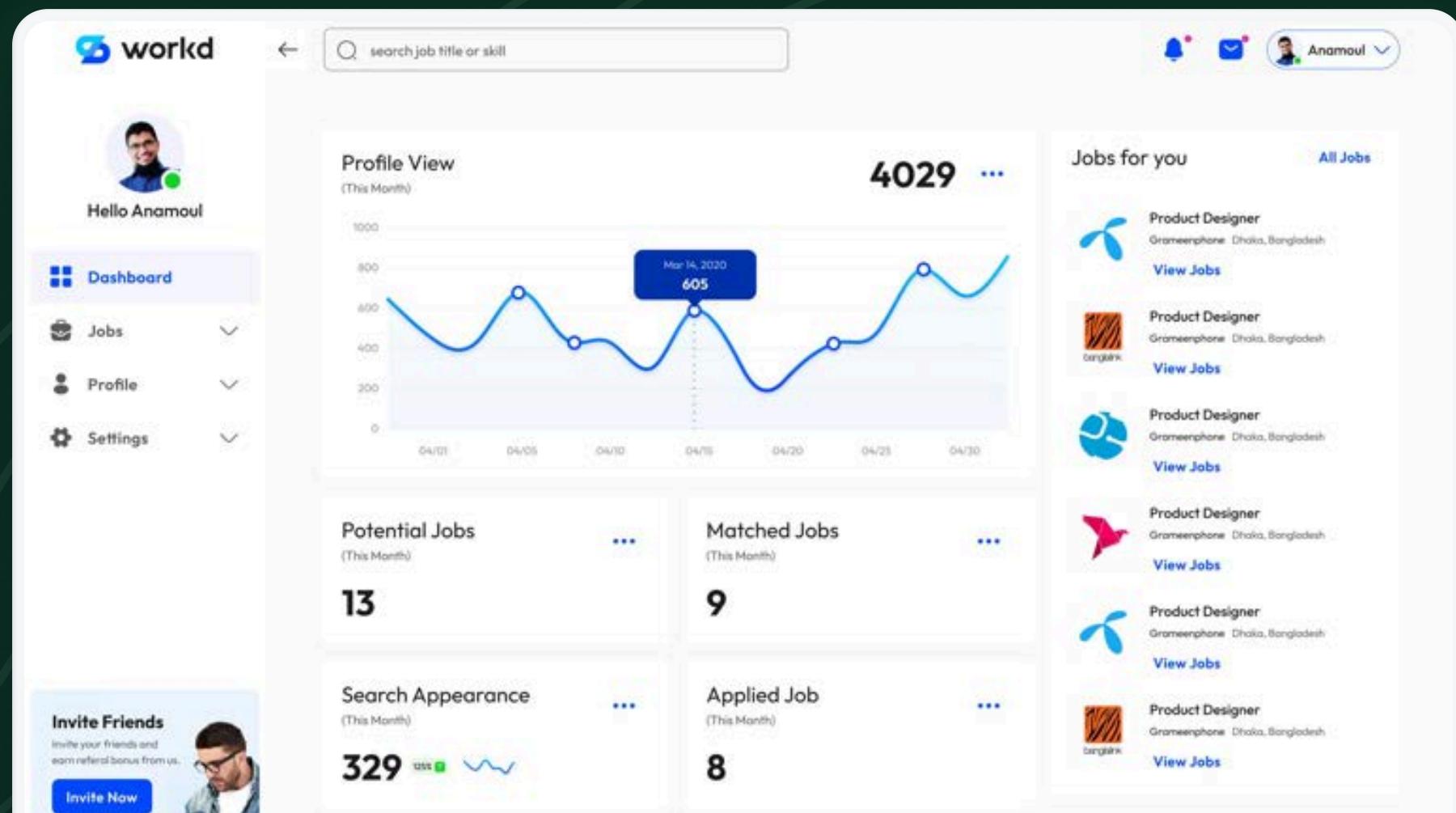
✉️ anamoulrouf.bd@gmail.com

🌐 <https://anamoulrouf.com>



A Solution for the

Job Seekers to Connect with Opportunities



Design Candidate Panel from Scratch

Project
Workd Candidate Panel

Timeline
March 2020 – May 2020

Platform
Web application.

Tools
Figma, FigJam, Notion.

My Role
UX Research, UI/UX Design.

Team Collaboration
Product, Marketing, and Tech.

Background

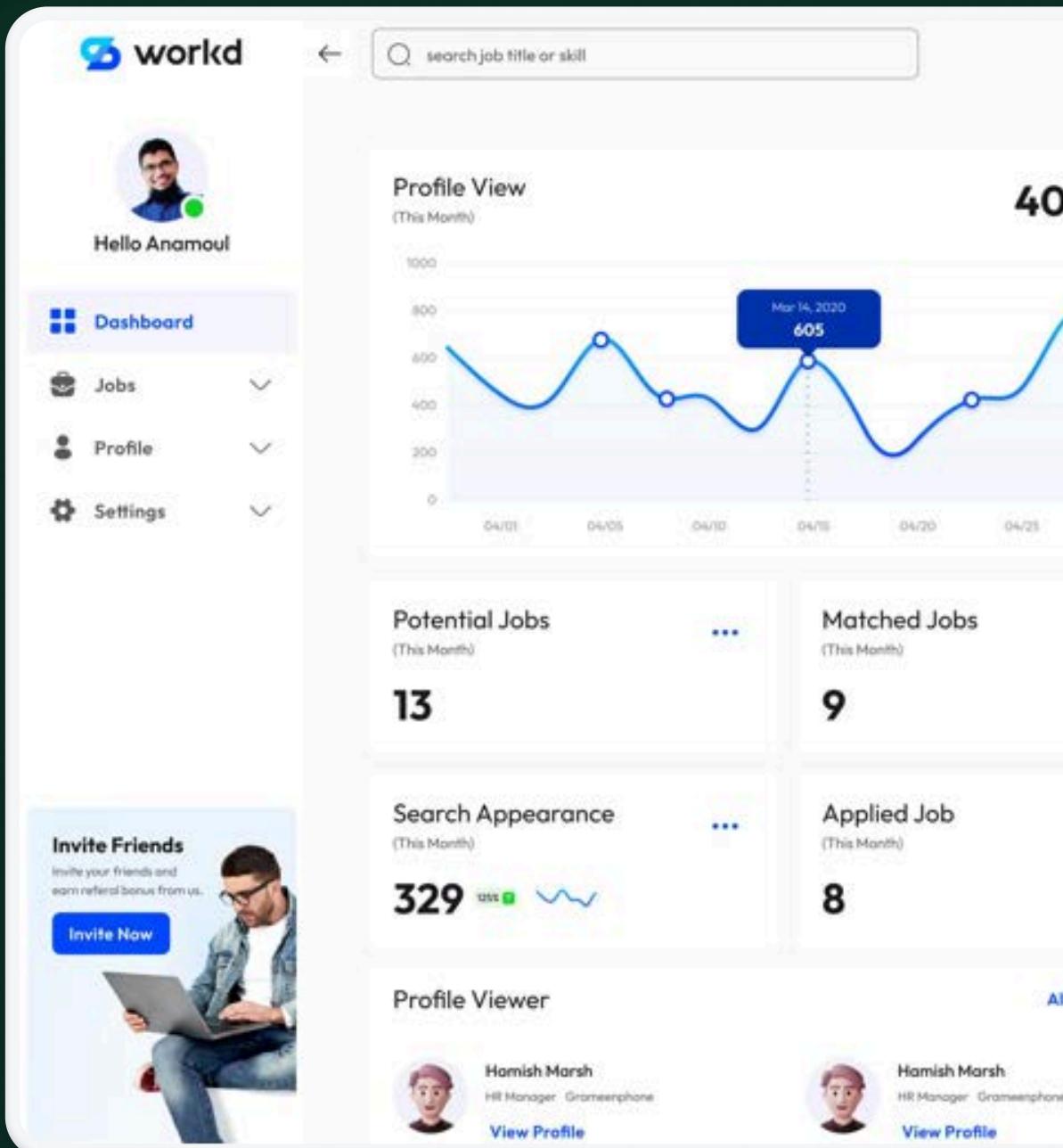
Workd is also a doorway to connecting job seekers with employers. Our main challenge is to design a portal that helps job seekers with career-changing opportunities.

Goal

- Design a conversion-friendly user flow.
- Get a more efficient, functional, and scalable job application process with more efficient, functional and scalable.

Outcome

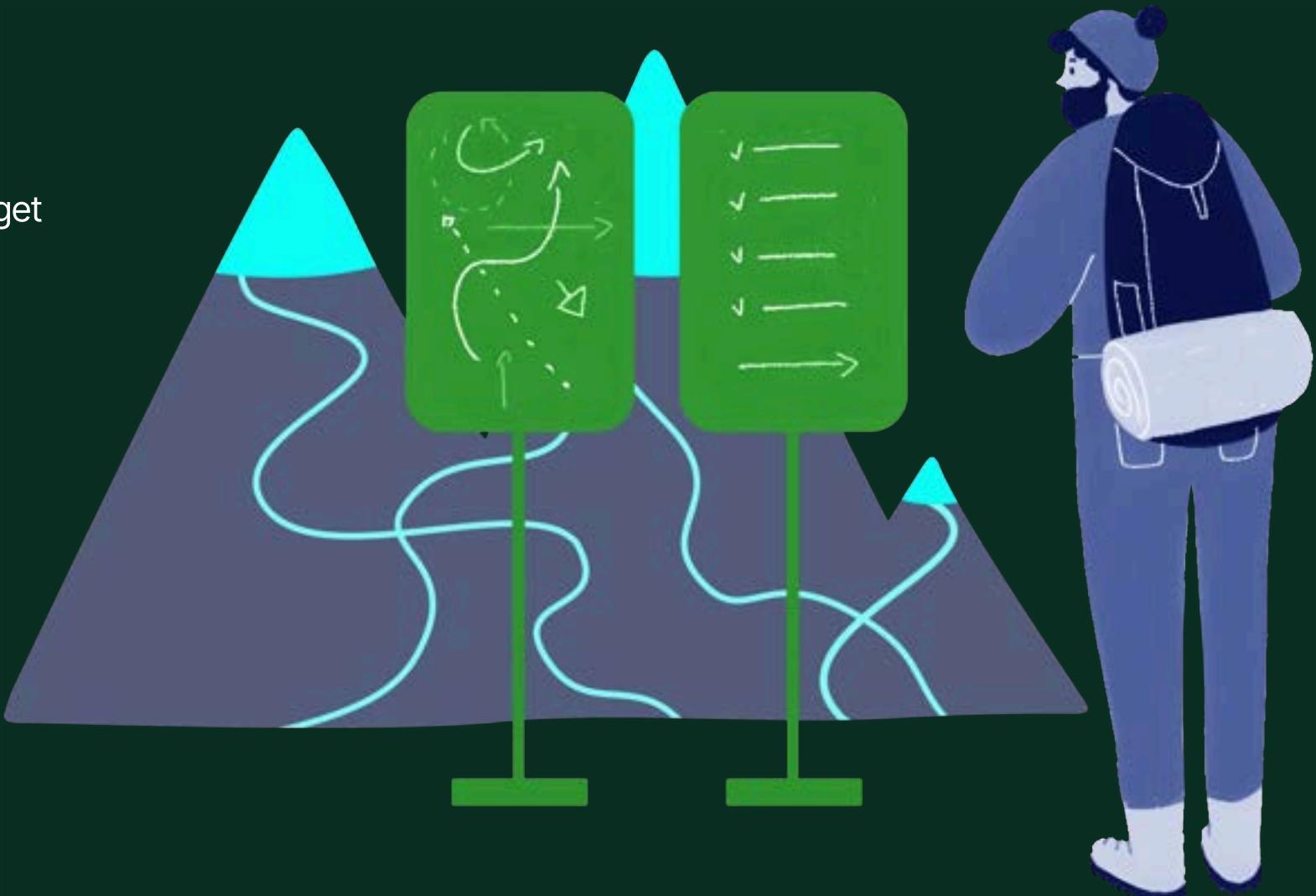
- The number job applications was increased by 45%.
- A job portal with more efficiency and functionality job search experience.



Design Challenge

Our main challenge was to design a portal for the candidates, where they can explore new opportunities, apply for them, and get hired by the employer.

- It has to be easily used by the non-tech people.
- Candidates can get new relevant job posts notifications.
- Candidates can get connected with the employer.
- Candidates can go through the hiring process and also get hired by the employer.

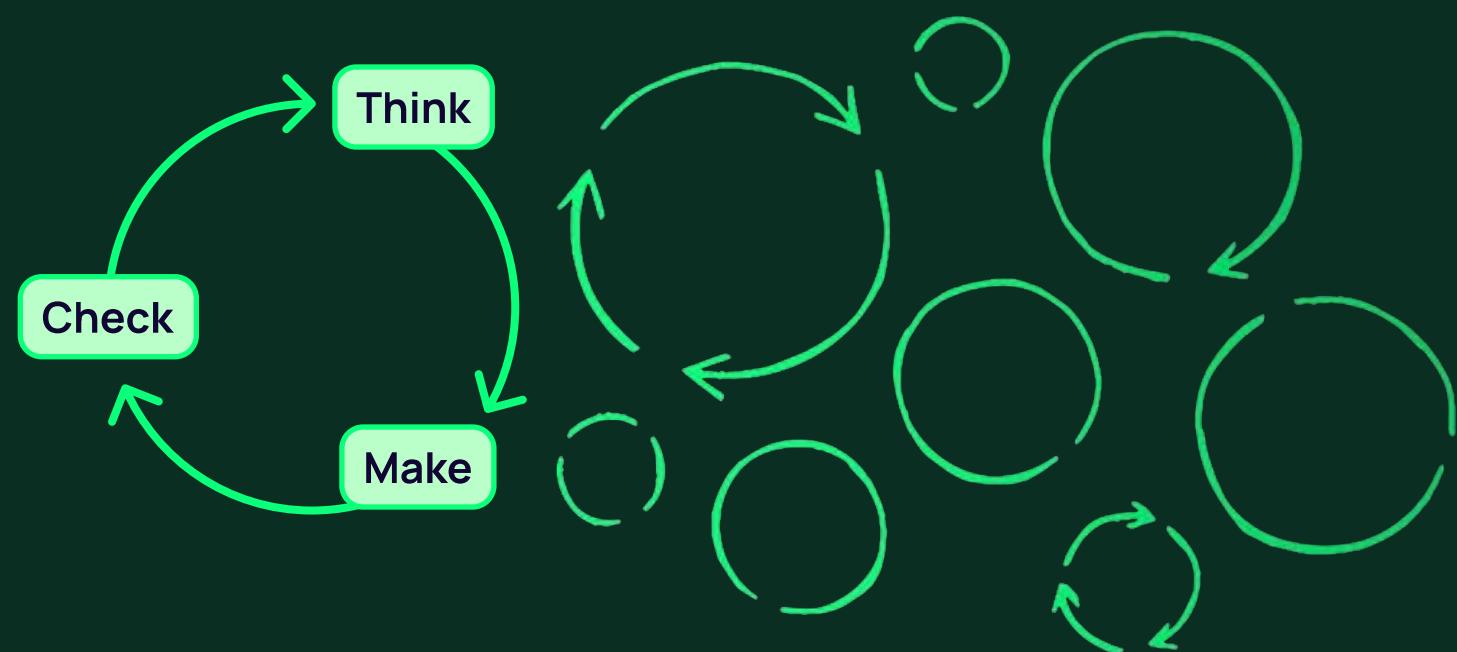


The UX Process

When we have minimal time and resources, selecting an efficient, sustainable, and flexible design process is always challenging. I have chosen the approach to the Lean UX process. It is an iterative process with three simple steps.

- Think
- Make
- Check

and keep repeating the steps.



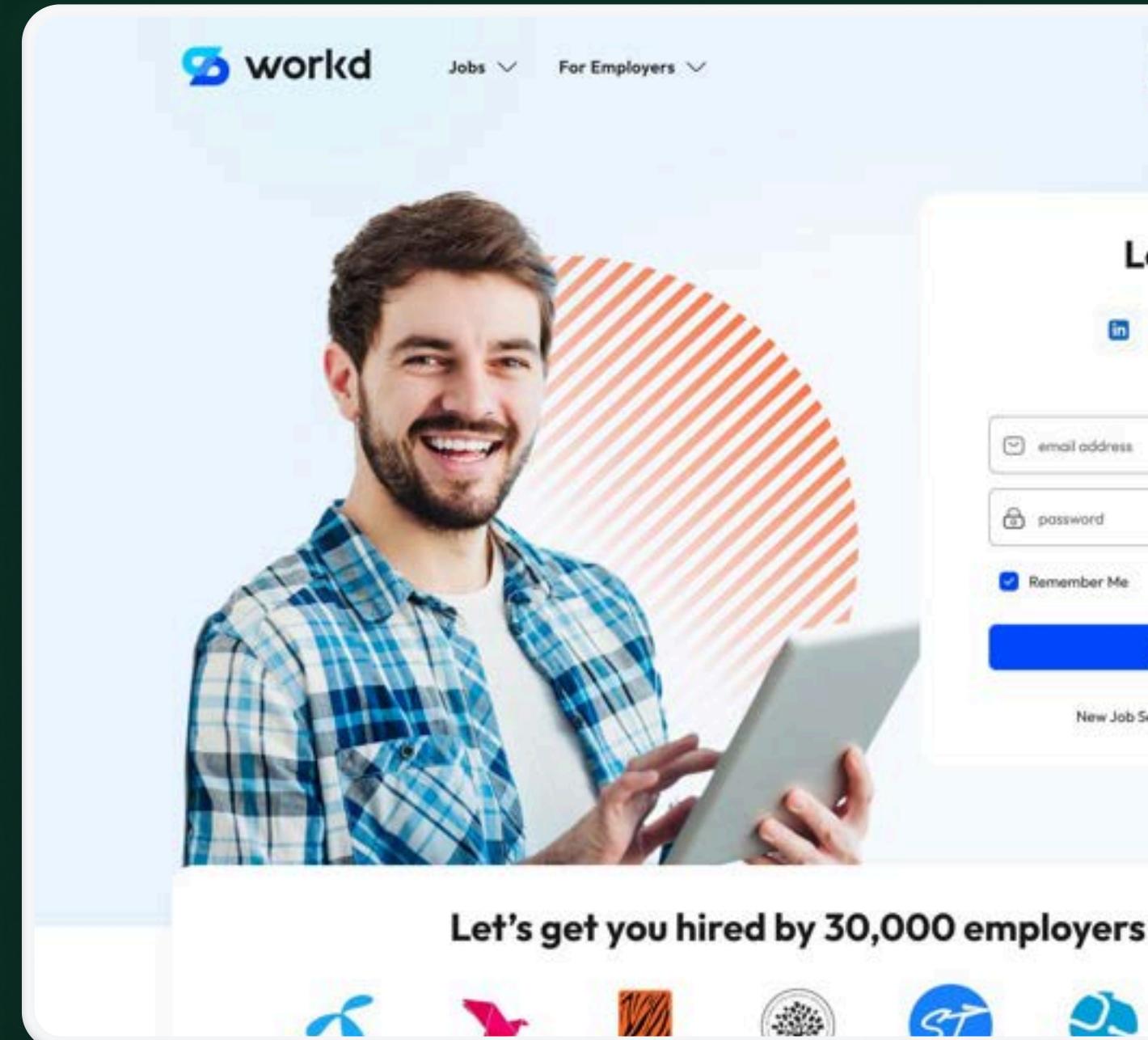
The Discovery

The discovery phase was a quick, high-intensity effort that allowed us to -

- Define project goals and milestones
- Audit the existing process faults
- Review the existing solutions by other similar products
- Understand business visions
- Empathize the users' needs, behaviors, and pain-points
- Understand technological feasibility and constraints.

Here are three considerations that help me to understand and prioritize the issues.

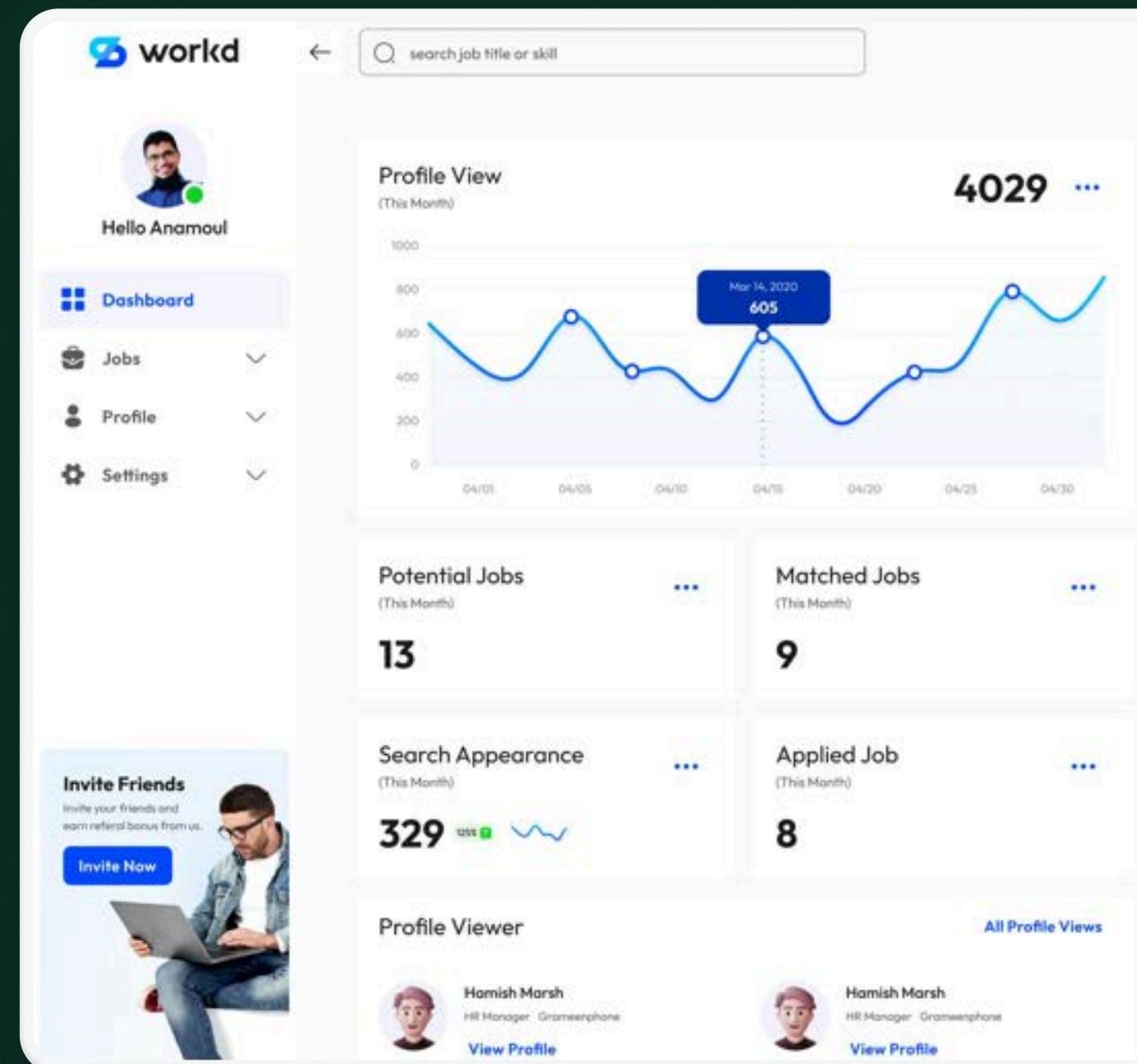
- How satisfying is the solution for users?
- How well is this solution for users' problem solving and also good for business?
- How challenging would it be to build from the technical feasibilities and limitations?



The Findings

We have sessions with 10 job seekers and 3 employers. We also had brainstorming discussion sessions with our internal cross-functional team members. So what we found-

- The job seekers used different platforms to apply for jobs but 75-80% time they don't get a response.
- It is a hassle to fill up a lot of input fields when applying for a job.
- Uploading relevant attachments is time-consuming and very hassling for low-speed internet connectivity.
- It is hard to reach the hiring team or company and also get informed on the hiring process.
- The employers get the applications from different platforms and 80-85% time they get irrelevant candidates.
- It hassles to sort out and organize the best candidates from a huge number of applicants. Also, automate the hiring process.



The Competitive Analysis

I analyzed BDJobs, LinkedIn, Glassdoor, Indeed, and other popular hiring platforms. I analyzed their user journey flows, job application process and the hiring process.

The screenshot shows the workd job search interface. At the top, there's a search bar with 'Product Designer' typed in, and various filter options: Date Posted, Job Type, Experience Level, On-Site/Remote, Company, and All Filter. The user profile 'Hello Anamoul' is visible on the left. The main area shows a list of 'Jobs in Dhaka' (600 results) and a detailed view of a specific 'Product Designer' job at Grameenphone. The job details include the company logo (Grameenphone), location (Dhaka, Bangladesh), posting date (15 May 20), expiration date (30 May 20), and application status (Applied on 23 May 20). There are 'Apply' and 'Save Job' buttons. To the right, a sidebar shows a message from 'Hamish Marsh' (HR Manager at Grameenphone) with a 'Send Message' button. Below the job details, there are sections for 'Responsibilities' and 'Qualifications and Skills', each listing several bullet points. At the bottom of the job card, there's a note about the hiring process: 'Work on and execute design projects from start to finish while meeting creative and technical requirements.'

Product Designer

Grameenphone Dhaka, Bangladesh

Posted on 15 May 20 · Expire on 30 May 20

Apply Save Job

Hamish Marsh

HR Manager · Grameenphone

Send Message

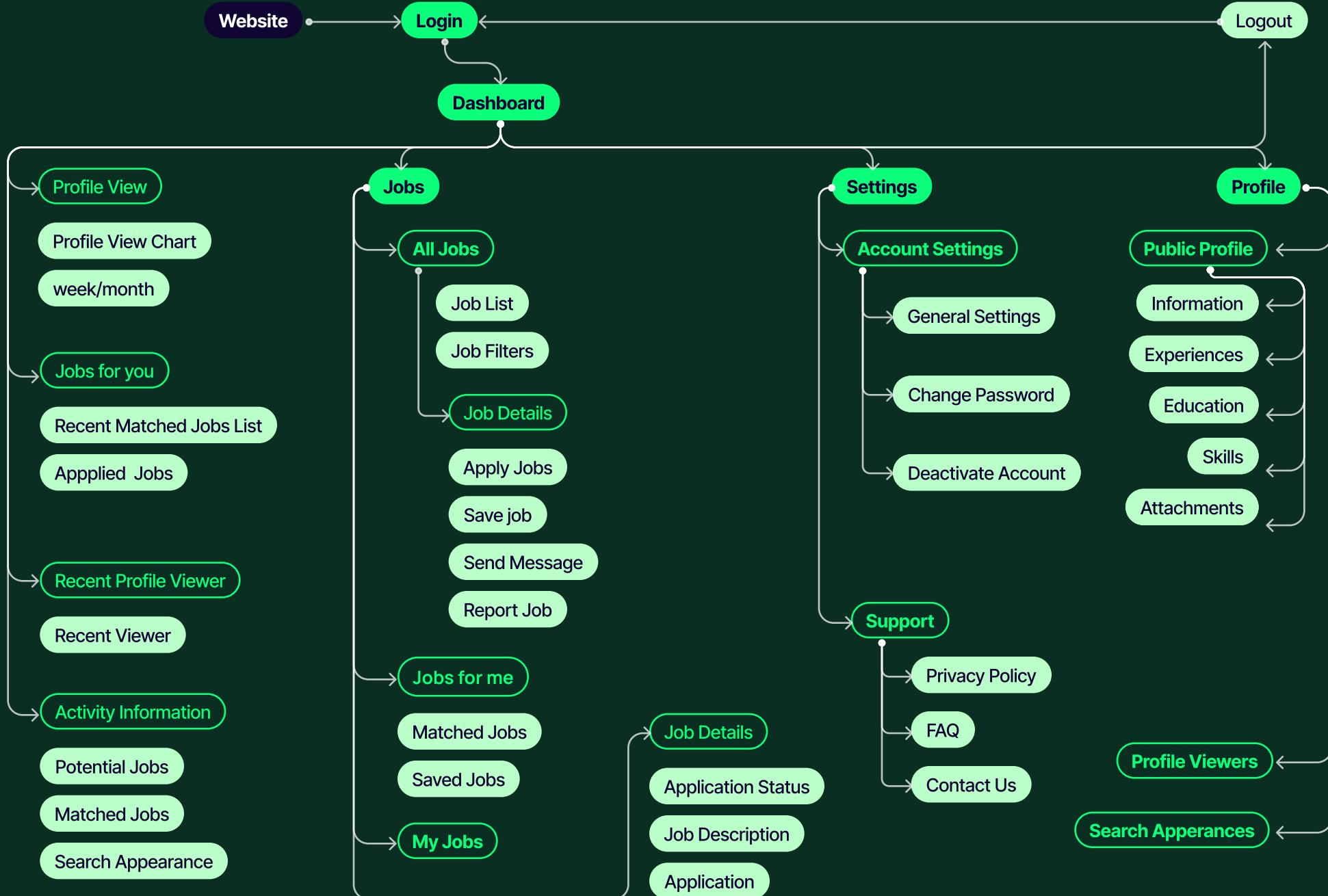
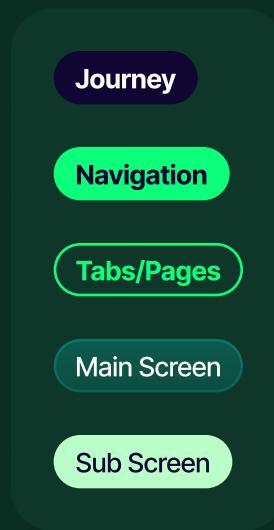
Responsibilities

- Work on and execute design projects from start to finish while meeting creative and technical requirements.
- Collaborate closely with engineers, researchers, clinicians and product managers to iterate rapidly.
- Work on the entire project lifecycle, from wireframes to detailed specs across multiple UX platforms.
- Participate in regular design reviews and other team-wide design efforts; create and contribute to a great design team culture.
- Participate in user-experience research and usability studies.

Qualifications and Skills

- BA/BS degree in Design, HCI, CS, or related field, or equivalent practical experience.
- 3+ years of relevant UX Design experience in consumer products, medical devices or other relevant areas.
- Portfolio of UX design work.
- Proven ability to work across the design process, from developing strong conceptual foundations

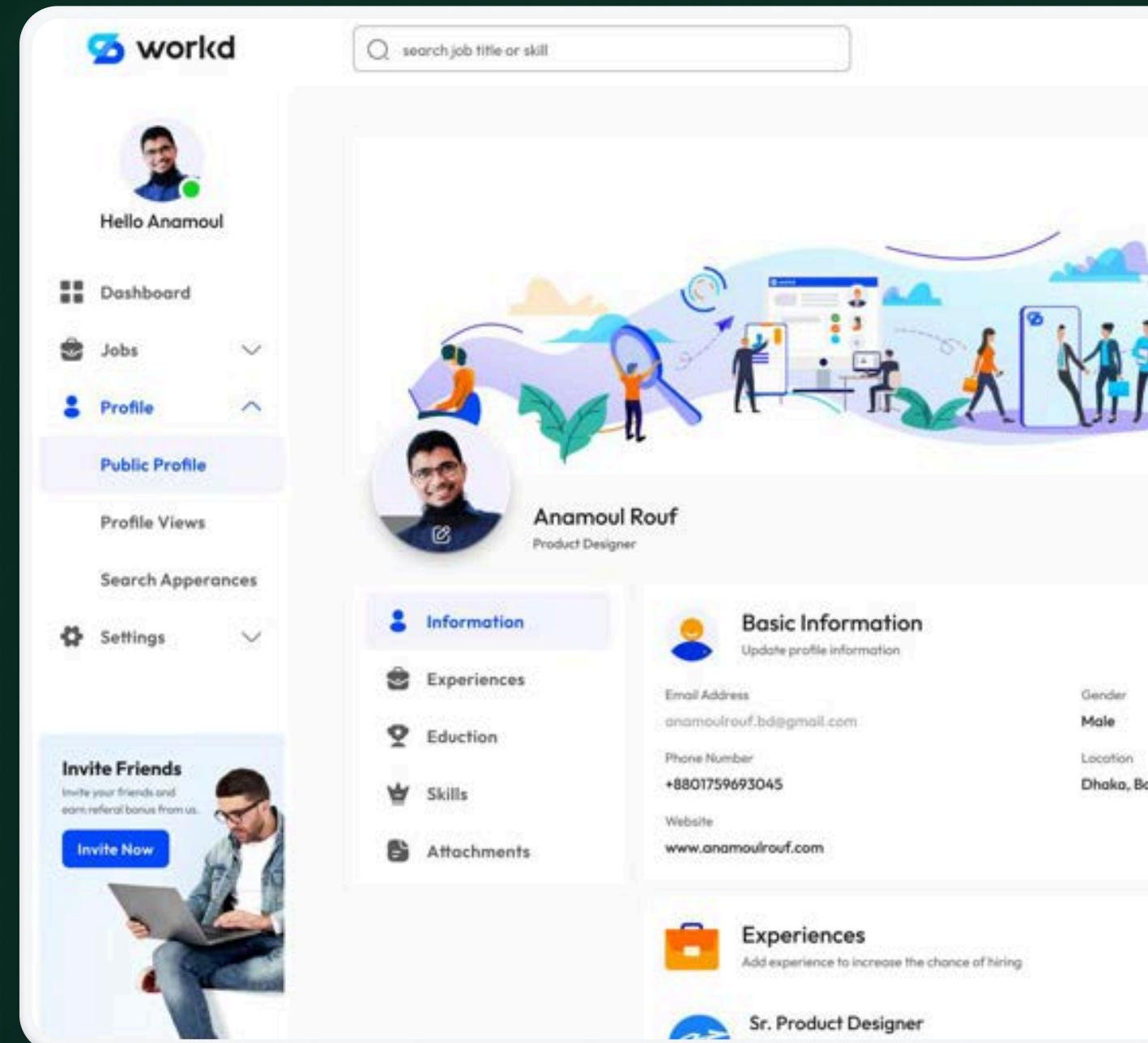
Information Architecture



Sketchs, Wireframing and Testing

The following steps were to sketch wireframes based on the user flow maps and built the flow and low-fidelity prototype for a series of testing sessions.

- Creating wireframes helped me to visualize the ideas and gave us the basic structure for how users would use the app.
- When creating these wireframes, we kept the user needs from the earlier findings and research in mind.
- I have done several testing sessions with a close group of users.

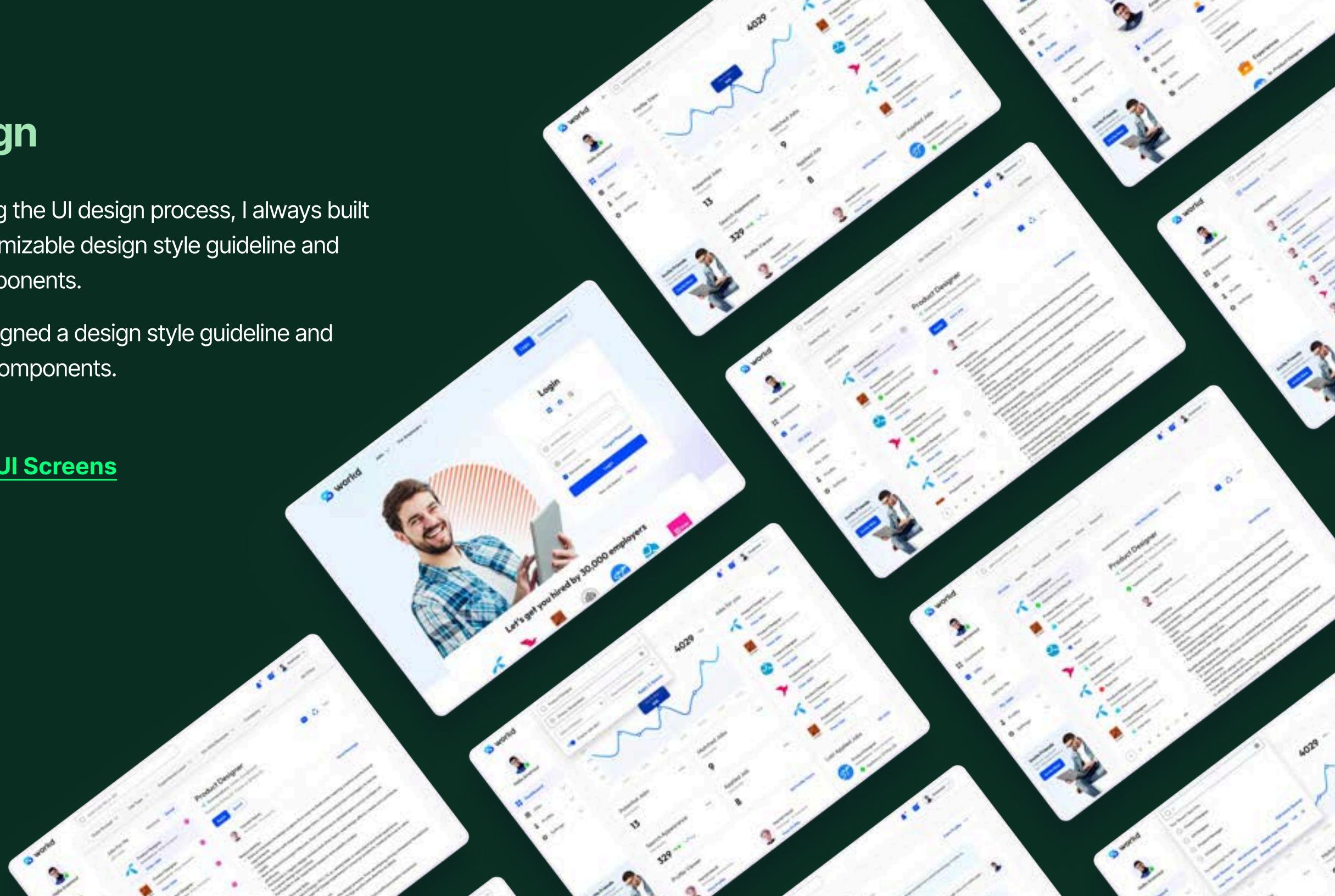


UI Design

Before starting the UI design process, I always built a highly customizable design style guideline and reusable components.

- I have designed a design style guideline and reusable components.

Explore the UI Screens



Dashboard

workd

← Q search job title or skill

Anamoul

Hello Anamoul

- Dashboard
- Jobs
- Profile
- Settings

Invite Friends

Invite Now

Profile View
(This Month)

4029 ...

Potential Jobs
(This Month)

13

Search Appearance
(This Month)

329

Profile Viewer

Matched Jobs
(This Month)

9

Applied Job
(This Month)

8

All Profile Views

Jobs for you

All Jobs

	Product Designer	Grameenphone Dhaka, Bangladesh	View Jobs
	Product Designer	Grameenphone Dhaka, Bangladesh	View Jobs
	Product Designer	Grameenphone Dhaka, Bangladesh	View Jobs
	Product Designer	Grameenphone Dhaka, Bangladesh	View Jobs
	Product Designer	Grameenphone Dhaka, Bangladesh	View Jobs
	Product Designer	Grameenphone Dhaka, Bangladesh	View Jobs
	Product Designer	Grameenphone Dhaka, Bangladesh	View Jobs
	Product Designer	Grameenphone Dhaka, Bangladesh	View Jobs

Last Applied Jobs

All Jobs

Search

The dashboard displays a search bar at the top with a recent search history for "Product Designer". Below the search bar is a large blue line chart showing a significant increase in job activity, reaching a peak of 4029. The main content area features a grid of job cards for "Product Designer" roles across various industries and locations. At the bottom, there are sections for "Potential Jobs" (13), "Matched Jobs" (9), "Search Appearance" (329), "Applied Job" (8), "Profile Viewer" (Homish Marsh), and "Last Applied Jobs" (ST).

This view shows a modal window titled "Create Job Alert" overlaid on the dashboard. The modal includes fields for "Product Designer", "Dhaka, Bangladesh", "Select Category", and "Select Experience Level". A button labeled "Apply & Search" is visible. The rest of the dashboard content is identical to the first one, including the search bar, chart, and various job and user statistics.

Job Board

The screenshot shows a job search interface on a website. At the top, there is a search bar with the query "Product Designer". Below the search bar are several filter options: Date Posted, Job Type, Experience Level, On-Site/Remote, Company, and All Filter. A user profile for "Anamoul" is visible on the right.

The main content area displays a list of job results for "Jobs in Dhaka" (600 results). Each job listing includes the company logo, job title, location, posting date, and a "View Jobs" button. Some listings show an "Applied" status with a specific date.

A detailed view of a "Product Designer" job listing is shown on the right. The listing is for Grameenphone Dhaka, Bangladesh, posted on 15 May 20, and expires on 30 May 20. It features buttons for "Apply" and "Save Job". Below the listing is a message from "Hamish Marsh" (HR Manager, Grameenphone) with a "Send Message" button.

The responsibilities and qualifications for the job are listed below:

Responsibilities

- Work on and execute design projects from start to finish while meeting creative and technical requirements.
- Collaborate closely with engineers, researchers, clinicians and product managers to iterate rapidly.
- Work on the entire project lifecycle, from wireframes to detailed specs across multiple UX platforms.
- Participate in regular design reviews and other team-wide design efforts; create and contribute to a great design team culture.
- Participate in user-experience research and usability studies.

Qualifications and Skills

- BA/BS degree in Design, HCI, CS, or related field, or equivalent practical experience.
- 3+ years of relevant UX Design experience in consumer products, medical devices or other relevant areas.
- Portfolio of UX design work.
- Proven ability to work across the design process, from developing strong conceptual foundations to refining the smallest details with high quality and attention to detail.

My Jobs

The screenshot shows the 'My Jobs' section of the workd app. At the top, there is a search bar with the placeholder 'search job title or skill'. To the right of the search bar are three small icons: a bell, a mail, and a user profile for 'Anamoul'. Below the search bar is a navigation bar with tabs: All Jobs (highlighted in blue), Applied, Short Listed, Interview, Hired, and Rejected.

On the left side, there is a sidebar with the following menu items:

- Hello Anamoul (with a profile picture)
- Dashboard
- Jobs
 - All Jobs
 - Job For Me
 - My Jobs (highlighted in blue)
- Profile
- Settings

Below the sidebar, there is an 'Invite Friends' section with a button labeled 'Invite Now'.

The main content area displays a list of job applications:

Application Status	Job Description	Application
Applied on 23 May 20	Product Designer Grameenphone Dhaka, Bangladesh	Product Designer Grameenphone Dhaka, Bangladesh Applied on 23 May 20
Short Listed on 23 May 20	Product Designer Grameenphone Dhaka, Bangladesh	Product Designer Grameenphone Dhaka, Bangladesh Short Listed on 23 May 20
Hired	Product Designer Grameenphone Dhaka, Bangladesh	Product Designer Grameenphone Dhaka, Bangladesh Hired
Interview	Product Designer Grameenphone Dhaka, Bangladesh	Product Designer Grameenphone Dhaka, Bangladesh Interview
Rejected	Product Designer Grameenphone Dhaka, Bangladesh	Product Designer Grameenphone Dhaka, Bangladesh Rejected
Short Listed on 23 May 20	Product Designer Grameenphone Dhaka, Bangladesh	Product Designer Grameenphone Dhaka, Bangladesh Short Listed on 23 May 20
Interview	Product Designer Grameenphone Dhaka, Bangladesh	Product Designer Grameenphone Dhaka, Bangladesh Interview

On the right side, there is a detailed view of a specific job application:

Product Designer
Grameenphone Dhaka, Bangladesh
Posted on 15 May 20 | Expire on 30 May 20
Applied on 23 May 20

Hamish Marsh HIT Manager Grameenphone [Send Message](#)

Responsibilities

- Work on and execute design projects from start to finish while meeting creative and technical requirements.
- Collaborate closely with engineers, researchers, clinicians and product managers to iterate rapidly.
- Work on the entire project lifecycle, from wireframes to detailed specs across multiple UX platforms.
- Participate in regular design reviews and other team-wide design efforts; create and contribute to a great design team culture.
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Qualifications and Skills

- BA/BS degree in Design, HCI, CS, or related field, or equivalent practical experience.
- 3+ years of relevant UX Design experience in consumer products, medical devices or other relevant areas.
- Portfolio of UX design work.

My Profile

workd

search job title or skill

Anamoul



Hello Anamoul

Dashboard

Jobs

Profile

Public Profile

Profile Views

Search Appearances

Settings

Invite Friends

Invite Now

Anamoul Rouf
Product Designer

Information

Experiences

Education

Skills

Attachments

Basic Information

Update profile information

Email Address: anamoulrouf.bd@gmail.com

Gender: Male

Phone Number: +8801759693045

Location: Dhaka, Bangladesh

Website: www.anamoulrouf.com

Add Experience

Messages

The screenshot shows the Workd app interface with a dark theme. At the top, there is a search bar with the placeholder "search job title or skill". To the right of the search bar are three icons: a bell, a mail, and a user profile for "Anamoul". The main navigation bar includes "Dashboard" and "Messages". On the left side, there is a sidebar with the user's profile picture and name "Hello Anamoul", followed by links for "Dashboard", "Jobs", "Profile", and "Settings". A "Invite Friends" section features a photo of a person working on a laptop and a blue "Invite Now" button.

Messages Screen:

- Header:** Shows the user "Hamish Marsh" (HR Manager, Grameenphone) and a "View Profile" button.
- Message List:** Displays multiple messages from "Hamish Marsh" (HR Manager, Grameenphone). Each message includes a profile picture, the sender's name, title, and a truncated message body. The messages are timestamped as "May 21, 2020, 7:51 PM".
- Compose Area:** A text input field at the bottom with the placeholder "Write a message".

Notifications

The screenshot shows the 'Notifications' section of the Workd app. At the top, there's a search bar with the placeholder 'search job title or skill'. To the right of the search bar are three icons: a bell for notifications, a mail icon, and a user profile for Anamoul. Below the header, the navigation bar shows 'Dashboard > Notifications'.

The main area is titled 'Notifications' and includes filter buttons for 'All', 'Unread', and '...'. The notifications list contains the following items:

- Hamish Marsh viewed your profile [See All Views](#)
- Grameenphone is hiring Product Designer [Apply Now](#)
- Hamish Marsh viewed your profile [See All Views](#)
- Grameenphone is hiring Product Designer [Apply Now](#)
- Hamish Marsh viewed your profile [See All Views](#)
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- Hamish Marsh viewed your profile [See All Views](#)
- Grameenphone is hiring Product Designer [Apply Now](#)
- Hamish Marsh viewed your profile [See All Views](#)
- Grameenphone is hiring Product Designer [Apply Now](#)

At the bottom left, there's an 'Invite Friends' section with a button to 'Invite Now'.

Usability Testing

The goal was to assess the app's overall usability and identify areas for improvements that could facilitate the completion of the tasks. The participants were given the same set of jobs.

Due to the NDA issue, I've only shared the information authorized by the authority.

The image displays a composite of two screenshots from a mobile application interface, likely Workd, used for job searching.

Left Screenshot (User Profile and Navigation):

- User profile: Hello Anamoul, profile picture.
- Navigation menu:
 - Dashboard
 - Jobs
 - All Jobs
 - Job For Me** (highlighted)
 - My Jobs
 - Profile
 - Settings
- Invitation overlay: "Invite Friends" with "Invite Now" button and an image of a person using a laptop.

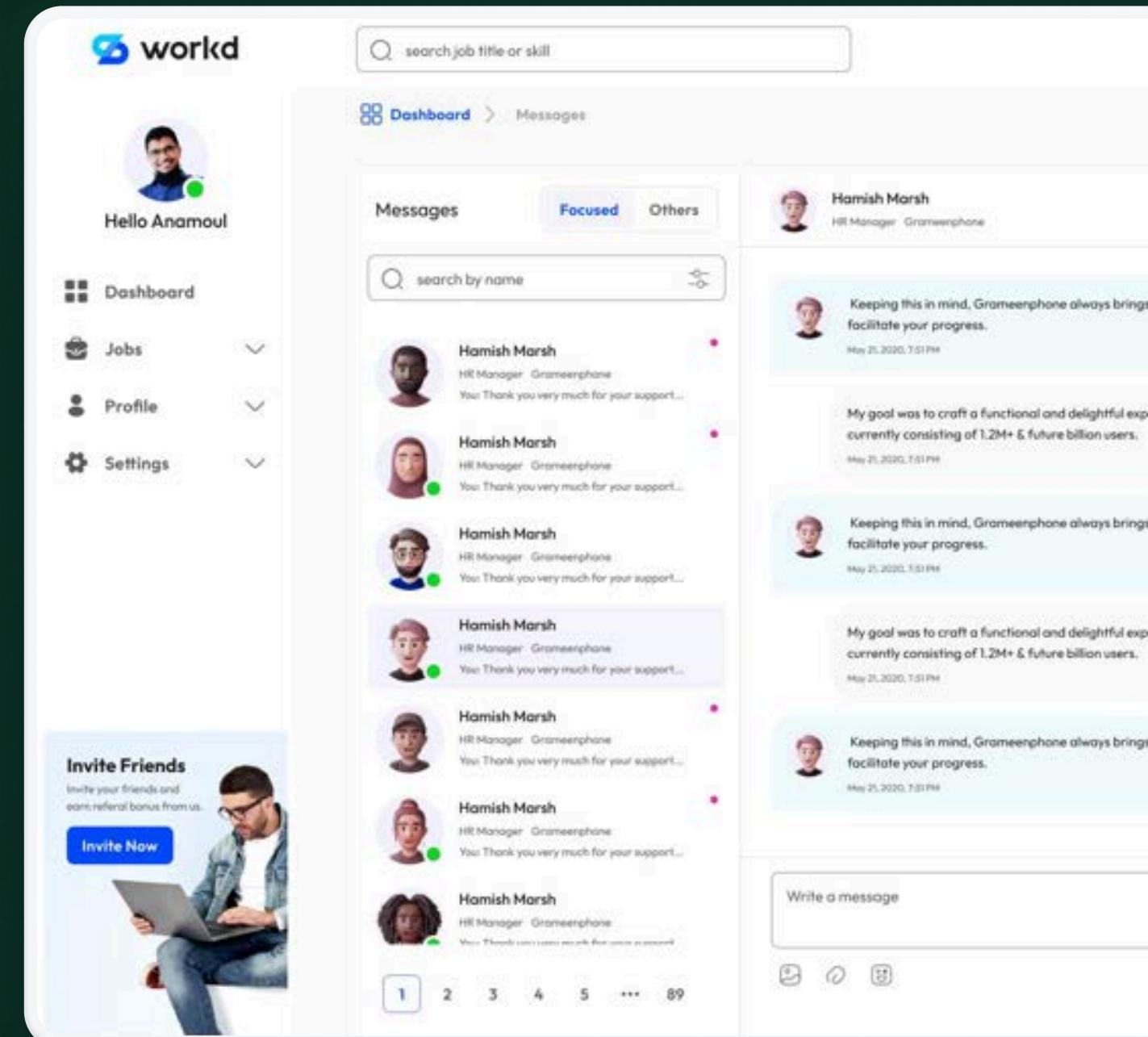
Right Screenshot (Job Listings):

- Search bar: search job title or skill
- Filter buttons: Date Posted, Job Type, Experience Level, On-Site/Remote, etc.
- Section: **Jobs For Me** (600 results)
 - Product Designer at Grameenphone Dhaka, Bangladesh (View Jobs, Apply, Saved)
 - Product Designer at Grameenphone Dhaka, Bangladesh (View Jobs, Unavailable)
 - Product Designer at Grameenphone Dhaka, Bangladesh (View Jobs, Unavailable)
 - Product Designer at Grameenphone Dhaka, Bangladesh (View Jobs, Unavailable)
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 - Product Designer at Grameenphone Dhaka, Bangladesh (View Jobs, Unavailable)
- Profile card: Hamish Marsh, HR Manager at Grameenphone.
- Section: Responsibilities
 - Work on and execute design projects from start to requirements.
 - Collaborate closely with engineers, researchers, clients, and stakeholders.
 - Work on the entire project lifecycle, from wireframing to implementation.
 - Participate in regular design reviews and other team meetings to maintain a great design team culture.
 - Participate in user-experience research and usability testing.
- Section: Qualifications and Skills
 - BA/BS degree in Design, HCI, CS, or related field.
 - 3+ years of relevant UX Design experience in consumer-facing products.
 - Portfolio of UX design work.
 - Proven ability to work across the design process, from concept to refining the smallest details with high quality and attention to detail.
- Section: Preferred Qualifications and Skills
 - Experience designing for health-related products.
 - Experience designing for wearable devices.

Refine & Deploy

Based on the usability testing sessions, we refined and updated the design. Then, we created deliverables for development handover. I maintained continuous communication with the developers during the development period.

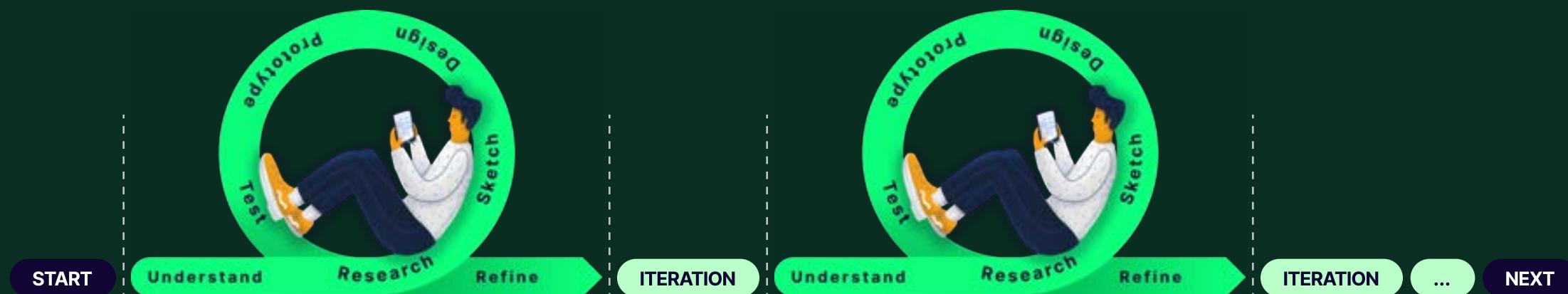
After the successful deployment, it is time to collect feedback from the user.



Results & Future Iteration

We've monitored and measured the results for the first 6 months.

- The number job applications success rate was **increased by 35%**.
- A job portal with more efficiency and functionality job search experience.



Thank you

Feel free to reach me

✉️ anamoulrouf.bd@gmail.com

🌐 <https://anamoulrouf.com>

The screenshot shows the Workd app's dashboard. At the top, there's a search bar with the placeholder "search job title or skill". Below it is a profile section for "Hello Anamoul" featuring a circular profile picture of a man with glasses and a blue hoodie. To the right of the profile are four main metrics: "Profile View (This Month)" at 4029, "Potential Jobs (This Month)" at 13, "Matched Jobs (This Month)" at 9, and "Search Appearance (This Month)" at 329. A prominent feature is a line graph titled "Profile View (This Month)" showing daily activity from April 1st to April 30th. The graph highlights a peak of 605 views on March 14, 2020. Other sections include "Applied Job (This Month)" at 8, "Profile Viewer" (listing "Hamish Marsh" twice), and a "Last Ap" section which is partially cut off. On the far right, there's a vertical sidebar with icons for various companies like Telenor, Grameenphone, and ST.

workd

Hello Anamoul

Dashboard

Jobs

Profile

Settings

Invite Friends

Invite Now

Profile View
(This Month)

4029

Potential Jobs
(This Month)

13

Matched Jobs
(This Month)

9

Search Appearance
(This Month)

329

Profile Viewer

Hamish Marsh

Hamish Marsh

All Profile Views

Last Ap

ST

Jobs fo



AirQI

A Real-time **AQI App**
(Air Quality) with
Weather Forecast



A Real-time AQI App (Air Quality) with Weather Forecast

Project

AirAQ App

Timeline

June 2021 – September 2021

Platform

Hybrid

Tools

Figma, FigJam, Notion.

My Role

UX Research, UI/UX Design.

Team Collaboration

Product, Business, and Tech.

Background

AirAQ provides real-time and forecast air pollution and weather data. Our main challenge is to design a hybrid app that provides an intuitive customize experience to its users.

Goal

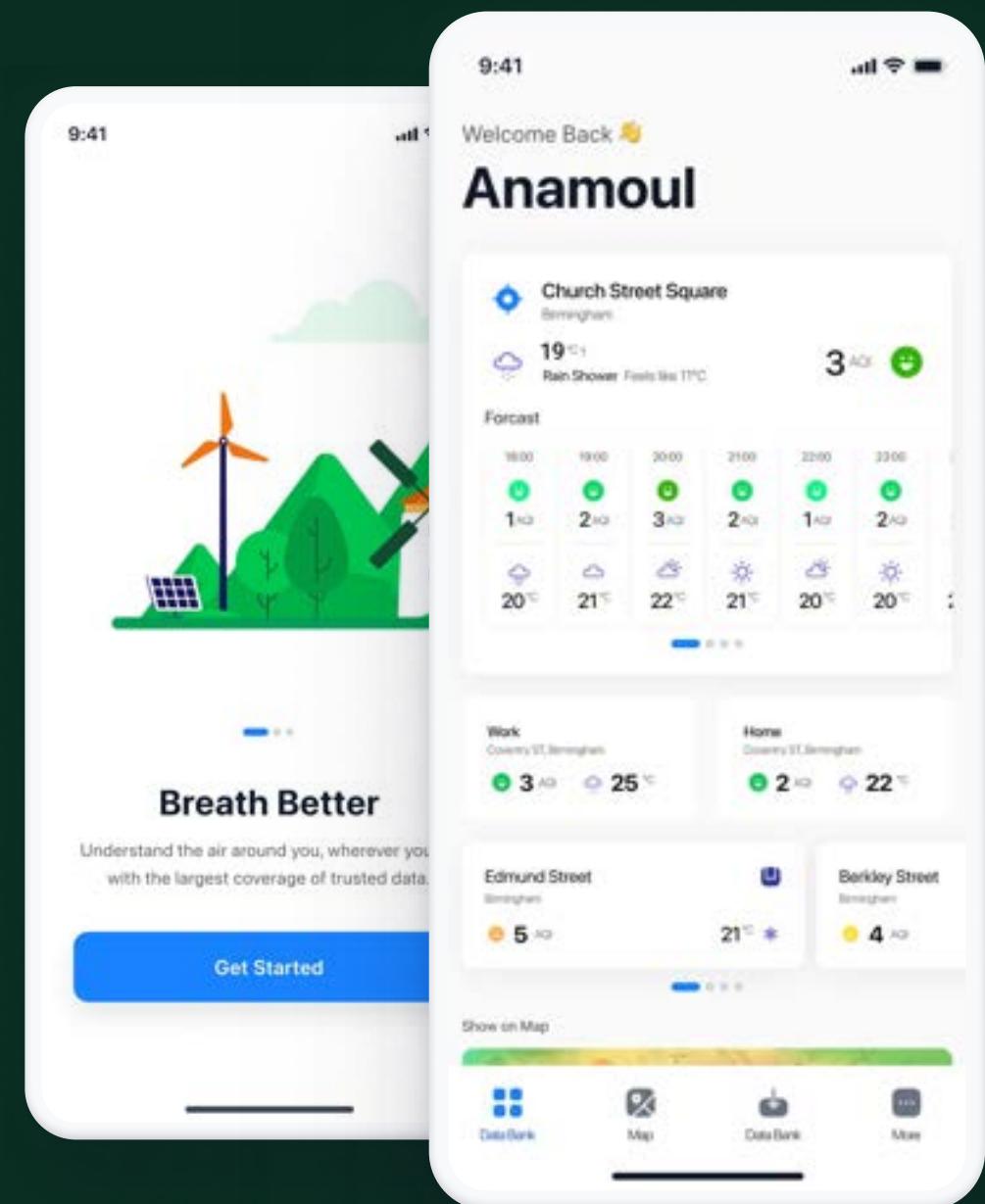
- Design a conversion-friendly user flow.
- Get more efficient, functional, and scalable apps with more efficient, and functional.



Design Challenge

Our main challenge was to design a web app that facilitates its users to know about air quality and weather information.

- It has to be easily used by non-tech people.
- Users can get air quality and weather updates through notifications for saved & current locations.
- Users can get air quality and weather forecast.
- Users can also request air quality information data.



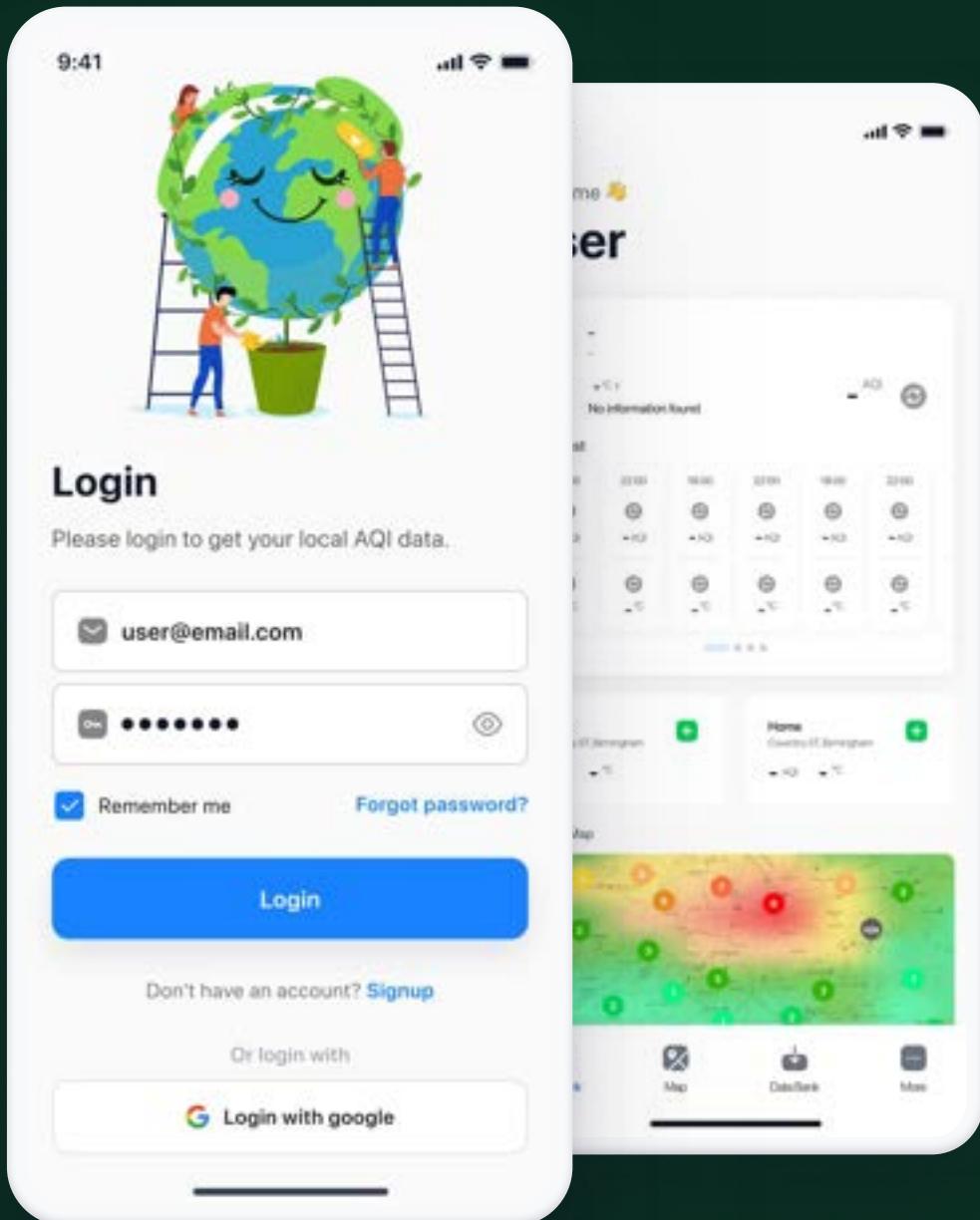
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- Make
- Check

and keep repeating the steps.





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The discovery phase was a quick, high-intensity effort that allowed us to -

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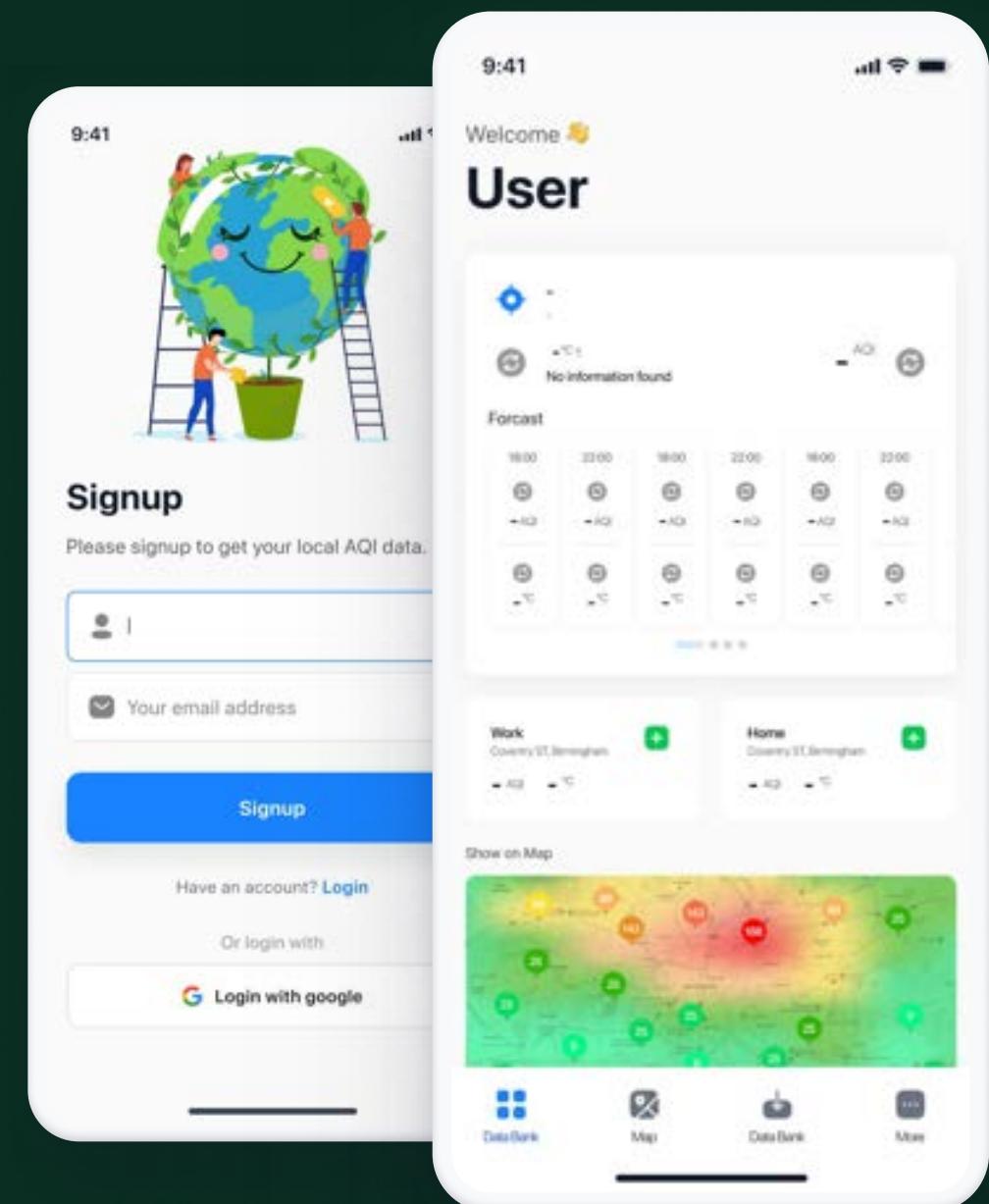
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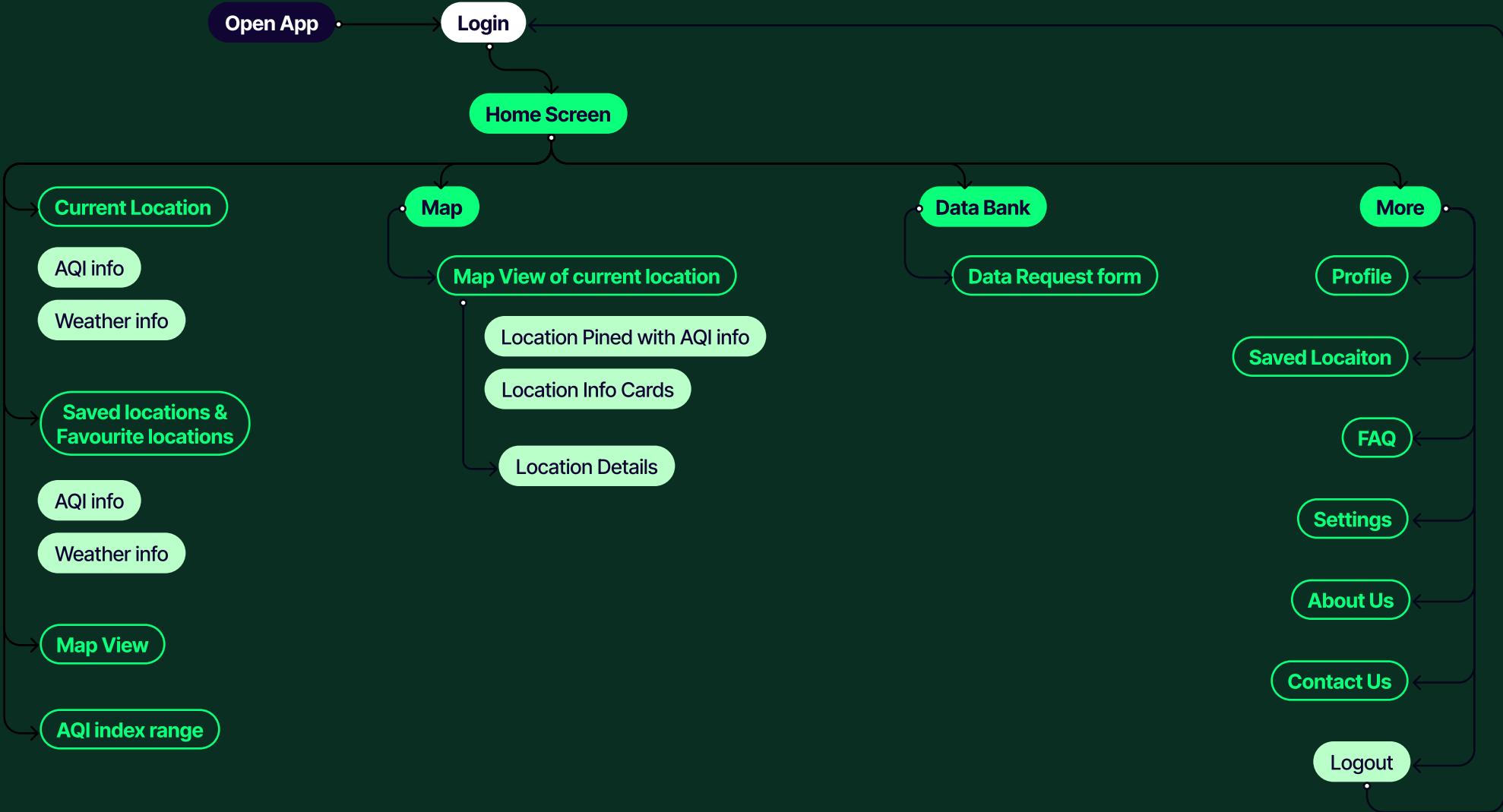
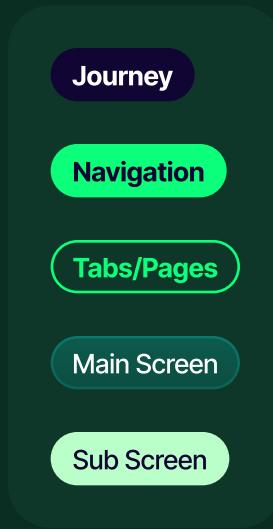
The Findings

We have sessions with 10 targeted users. We also had brainstorming discussion sessions with our internal cross-functional team members. So what we found-

- I analyzed IQAir, BreezoMeter, Plume Labs, Airveda, and other popular air quality information provider apps. I analyzed their user journey flows, information architecture, and information presentation flows.



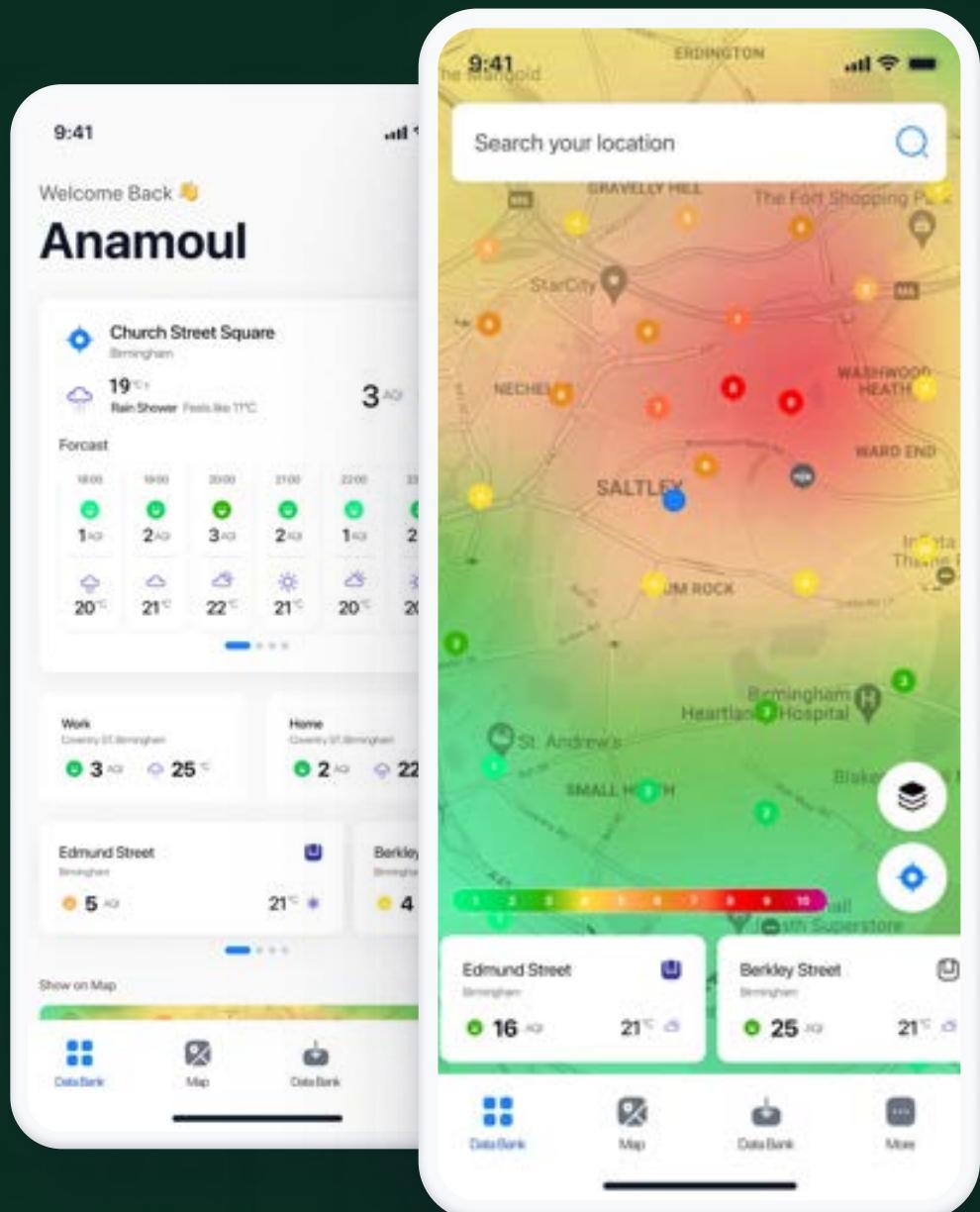
Information Architecture



Sketches, Wireframing and Testing

The following steps were to sketch wireframes based on the user flow maps and built the flow and low-fidelity prototype for a series of testing sessions.

- Creating wireframes helped me to visualize the ideas and gave us the basic structure for how users would use the app.
- When creating these wireframes, we kept the user needs from the earlier findings and research in mind.
- I have done several testing sessions with a close group of users.



Design Guideline & Design System

Initially, we built basic style guidelines. Afterward, we built a highly customisable design system to create a design language

Branding

AirQI

Very High

low Moderate High Very High

Accent/Light Class: .color-color-main HEX: #4F8B72 Color Description

Accent/Dark Class: .color-color-main HEX: #E6EAF2 Color Description

Primary/Light Class: .color-color-main HEX: #4F8B72 Color Description

Primary/Dark Class: .color-color-main HEX: #4F8B72 Color Description

Primary/Shares/Contained Hover Background Class: .color-color-main HEX: #4F8B72 Color Description

Primary/Shares/Contained Hover Border Class: .color-color-main HEX: #4F8B72 Color Description

Primary/Shares/Outline Hover Background Class: .color-color-main HEX: #4F8B72 Color Description

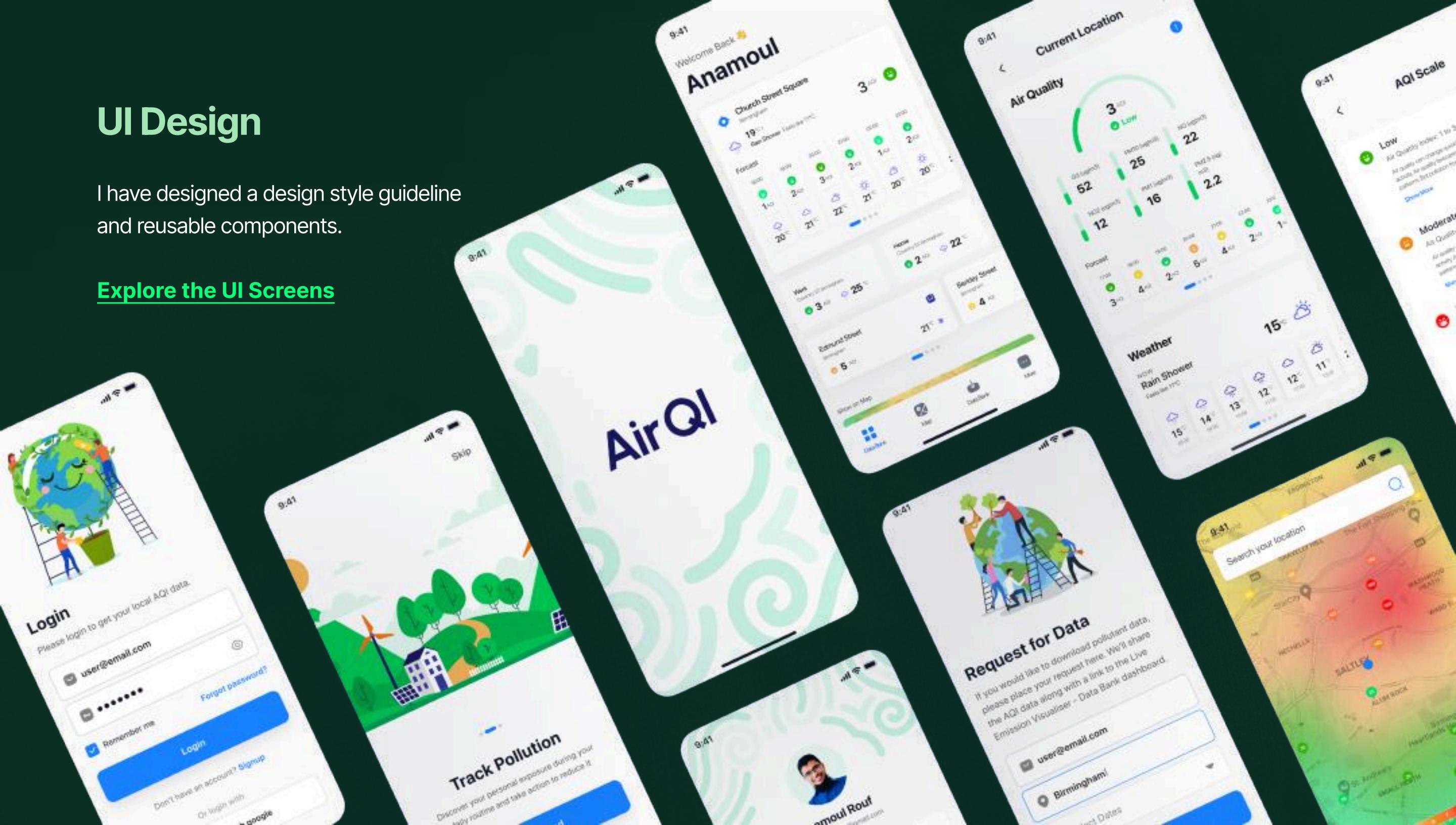
Primary/Shares/Outline Hover Border Class: .color-color-main HEX: #4F8B72 Color Description

Photography & illustrations

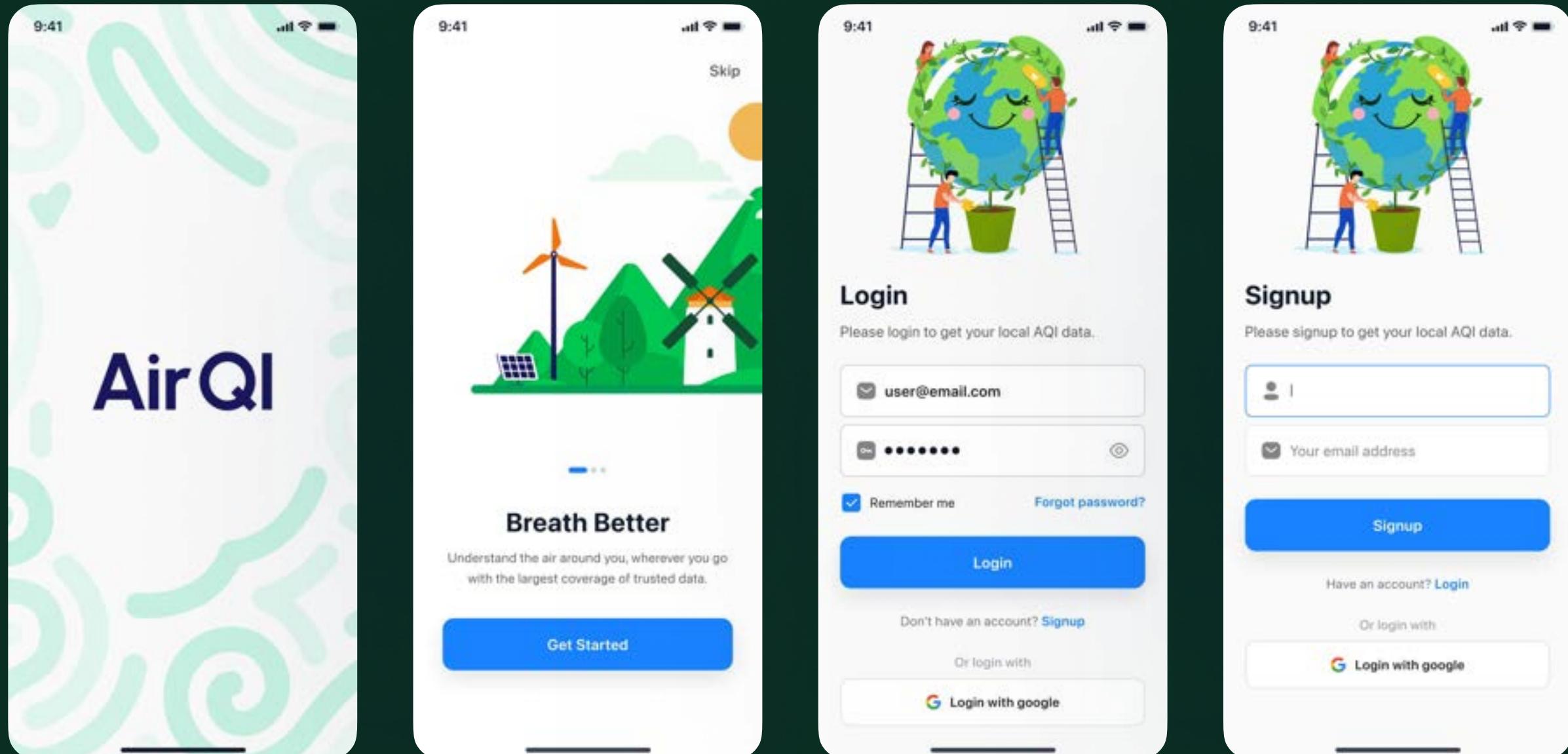
UI Design

I have designed a design style guideline and reusable components.

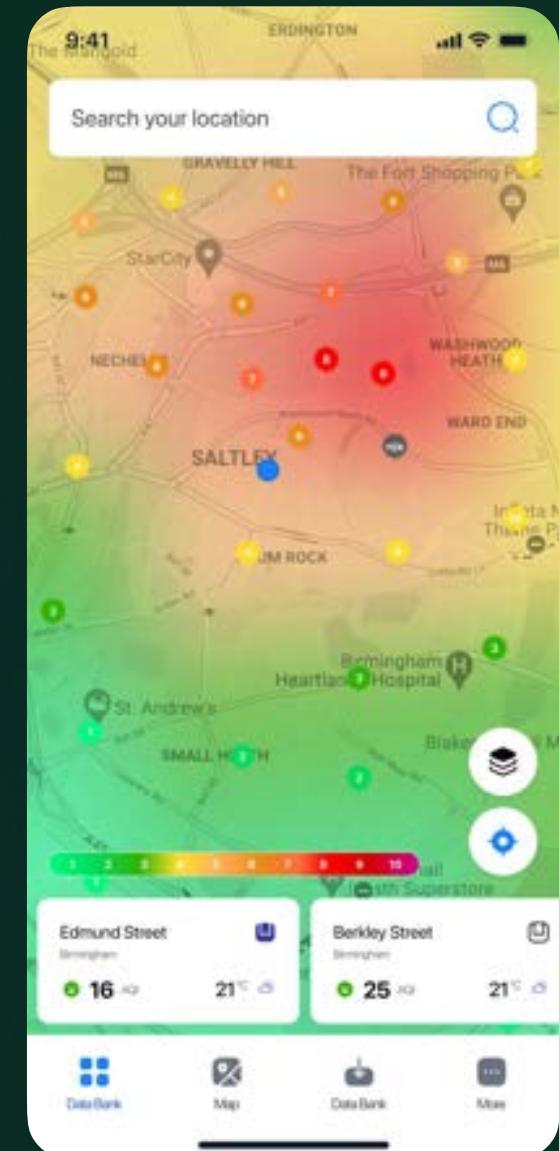
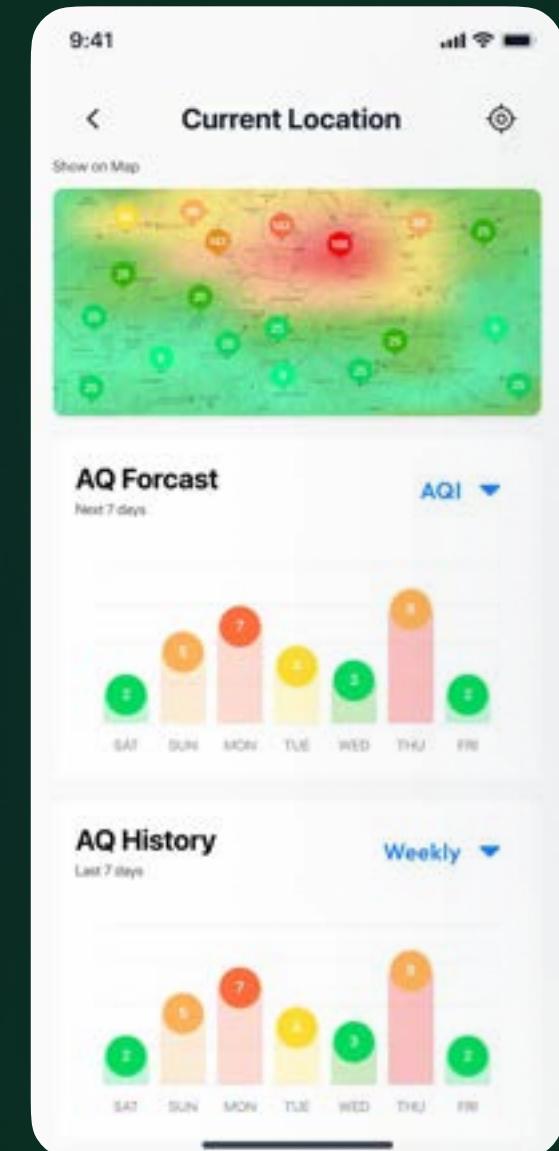
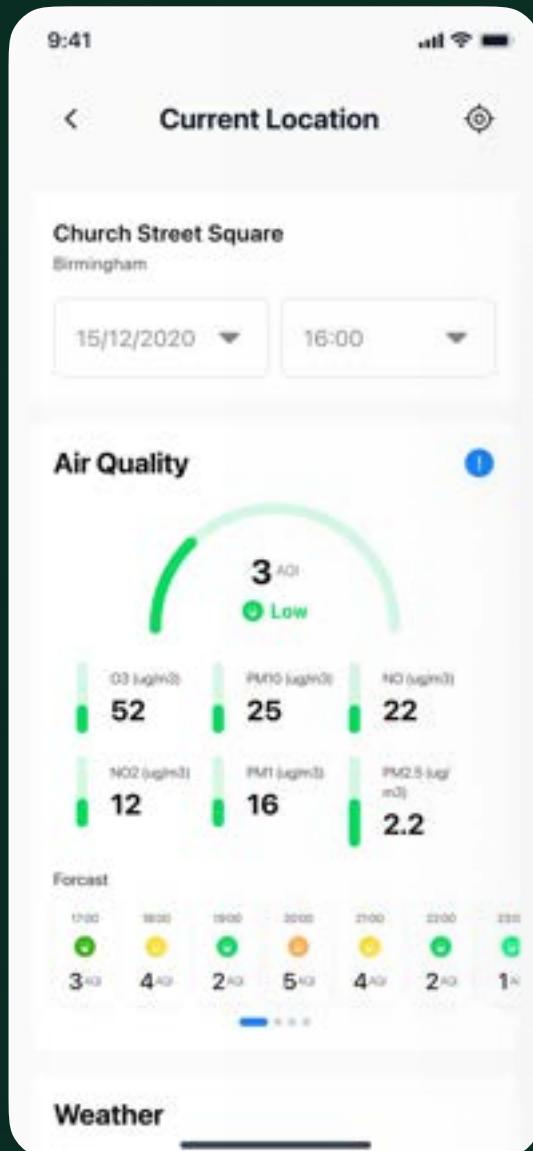
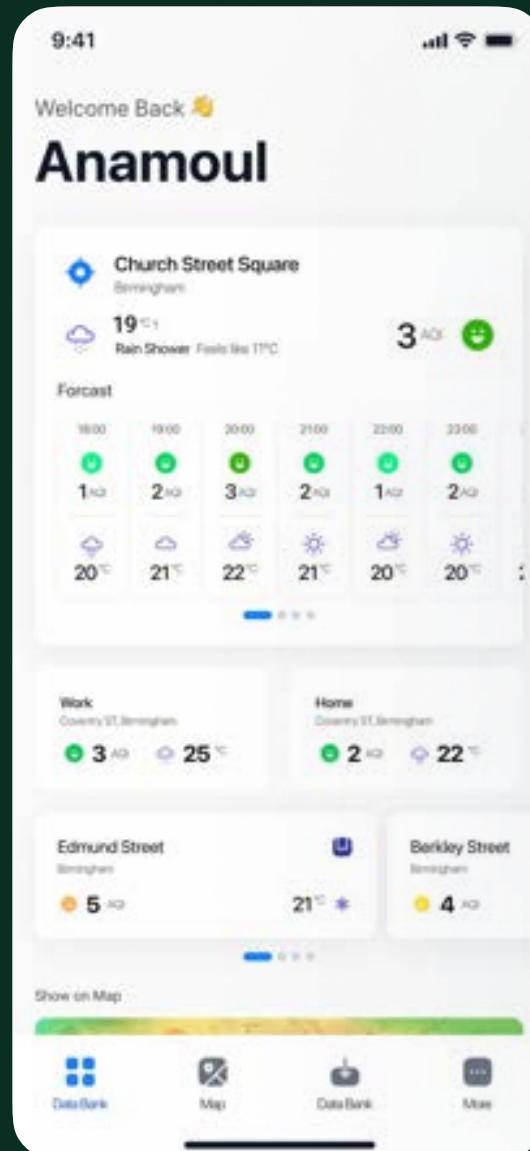
[Explore the UI Screens](#)



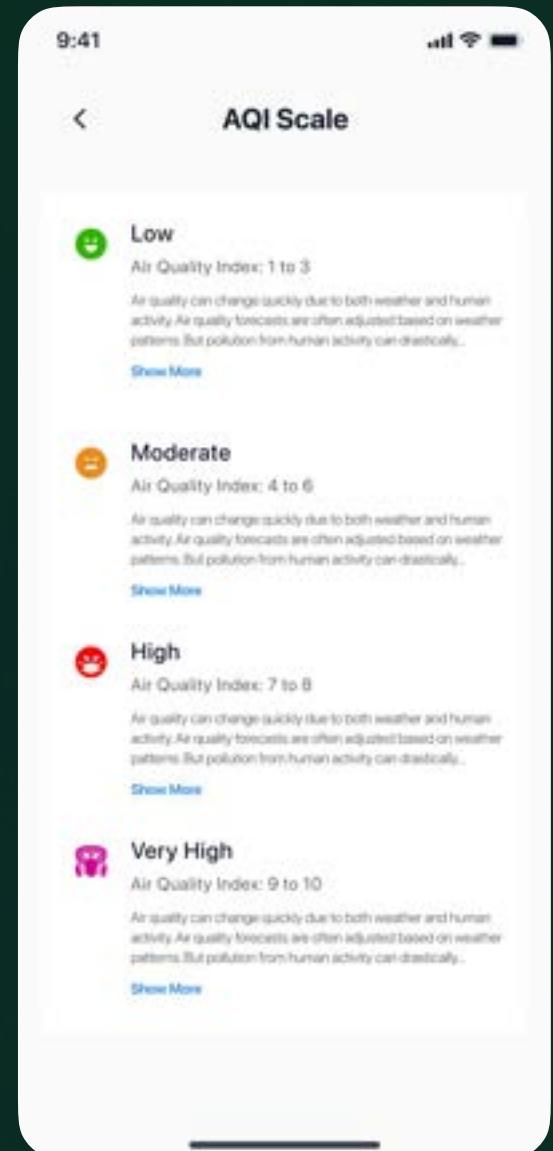
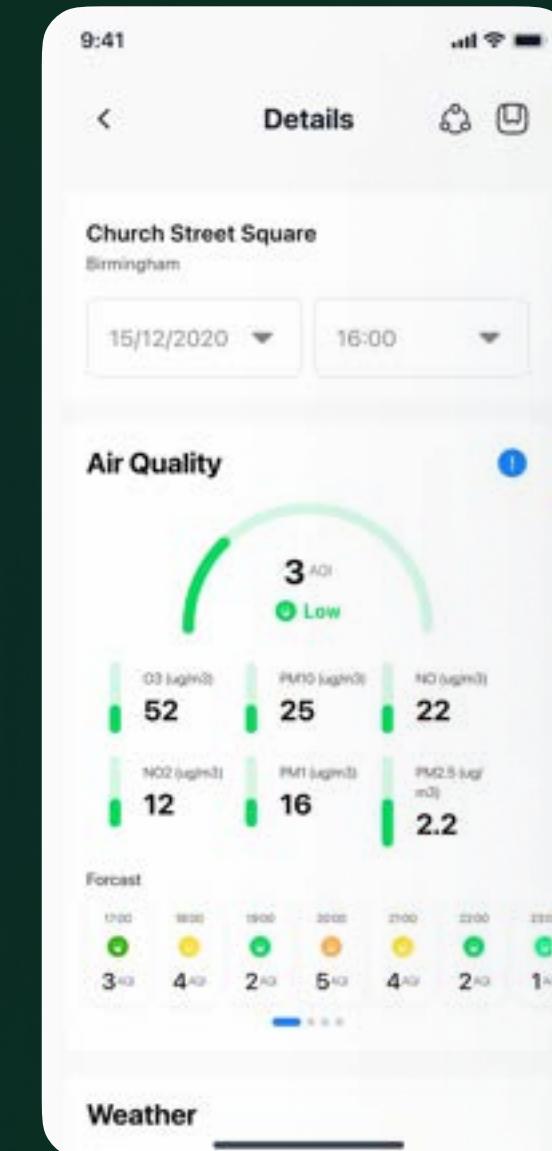
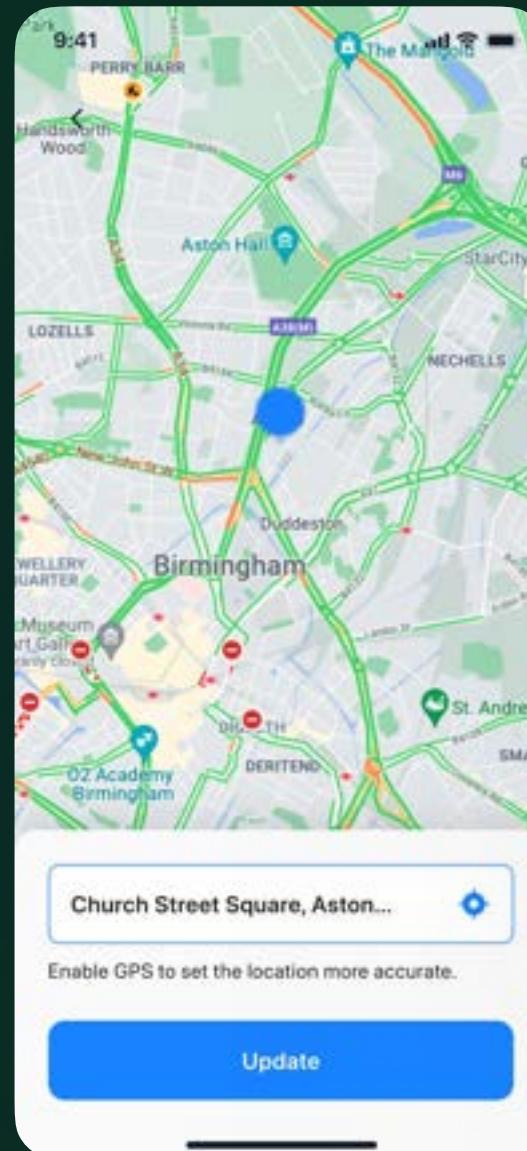
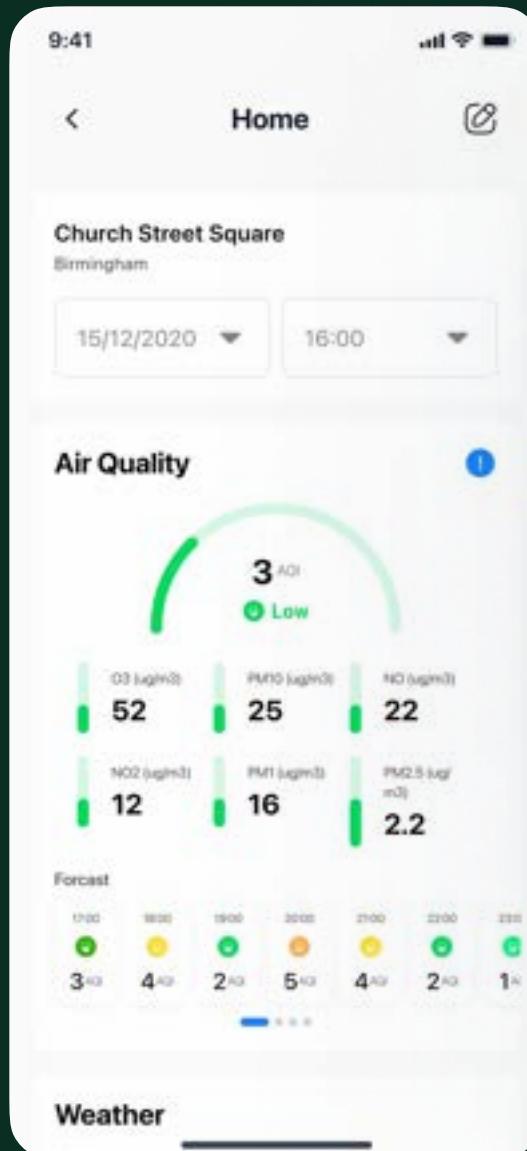
Onboarding



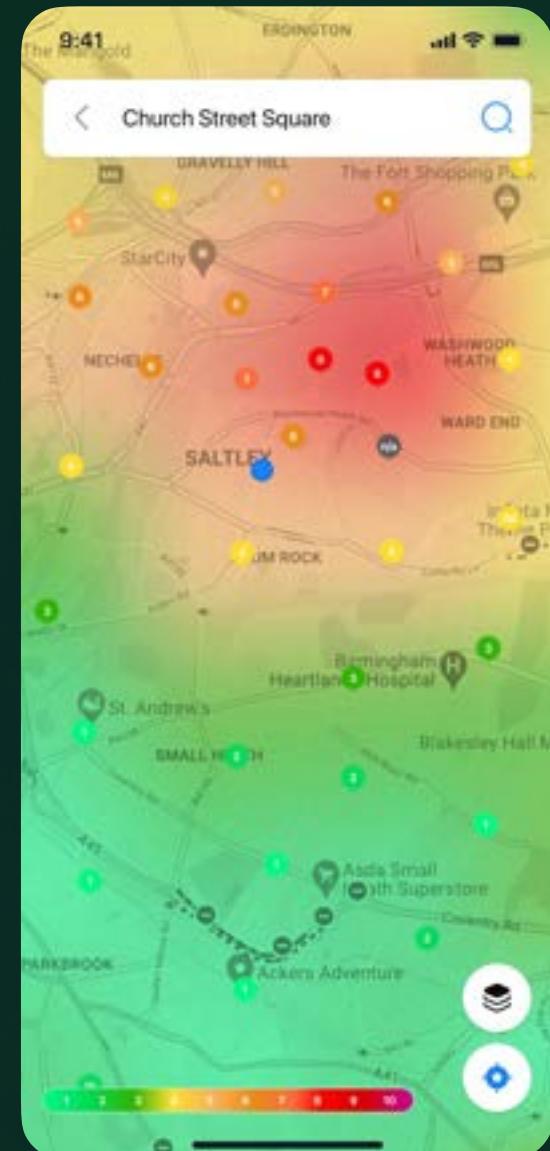
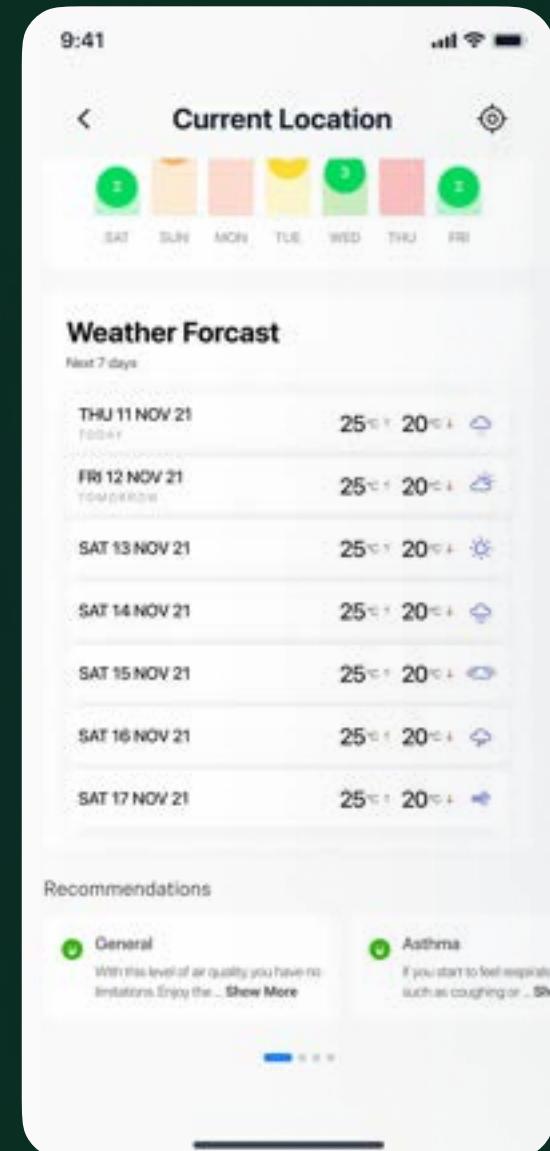
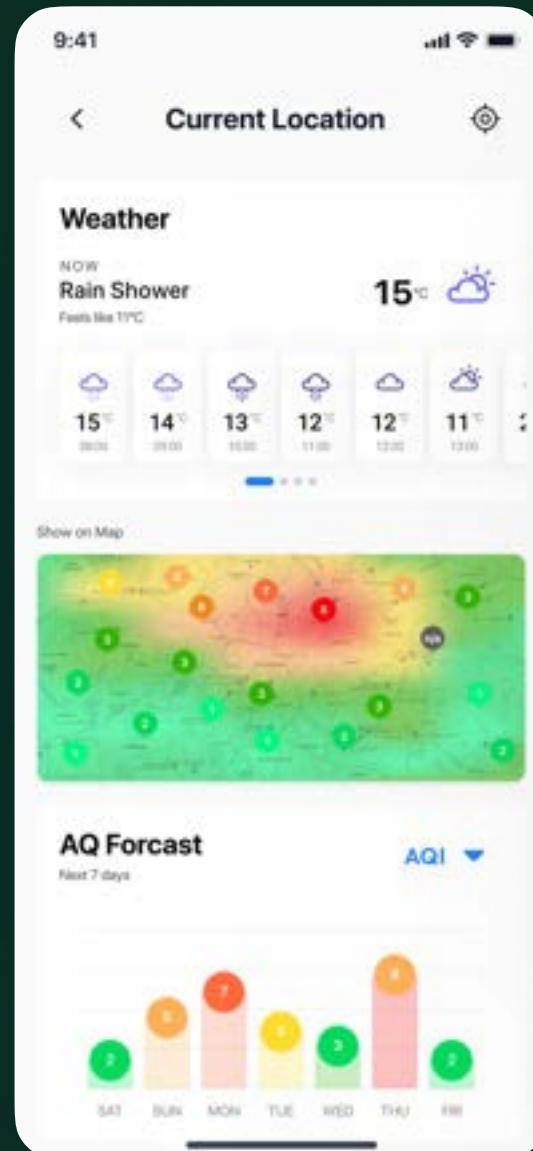
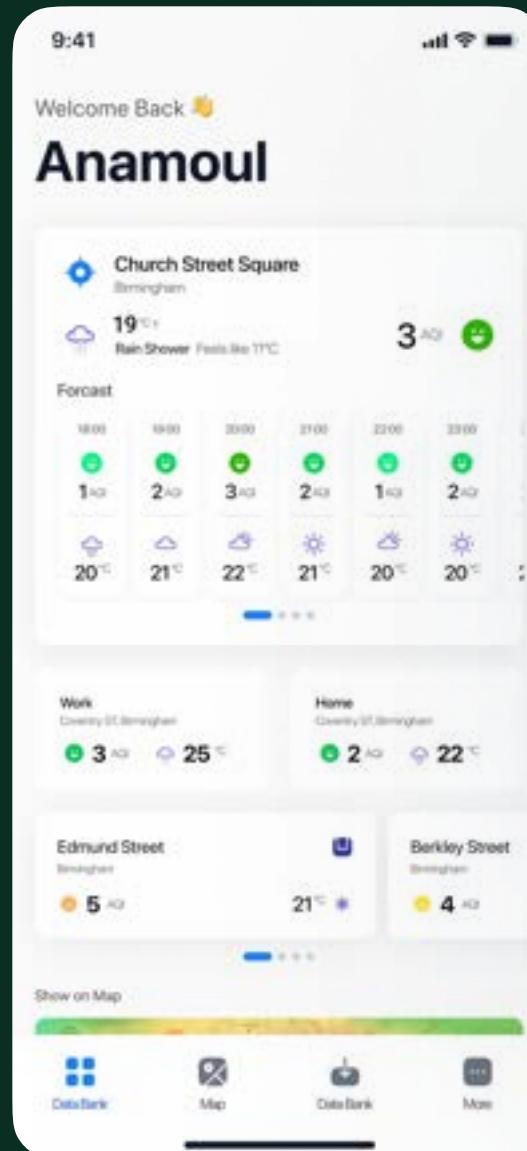
AQI Information



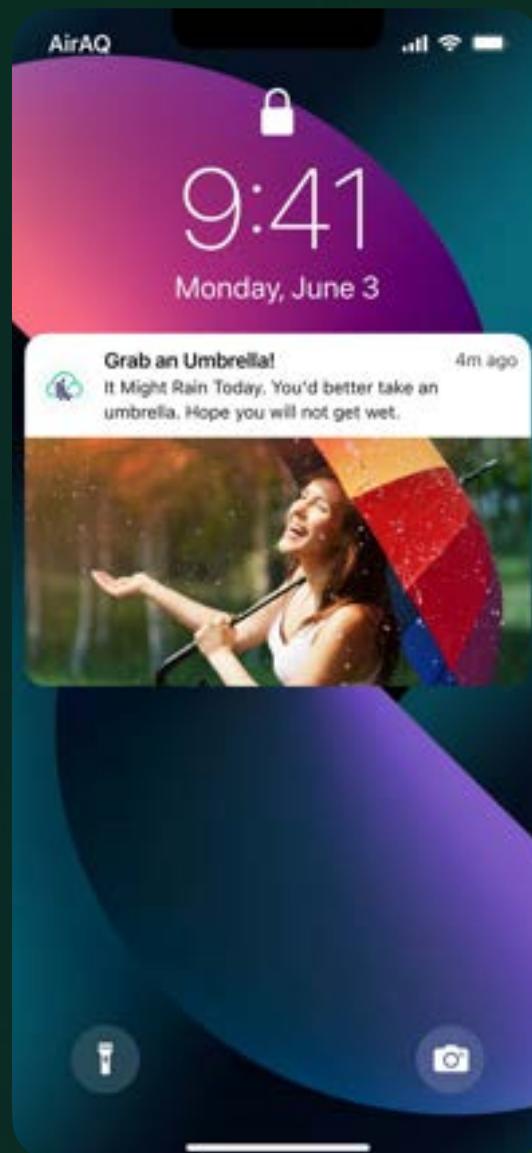
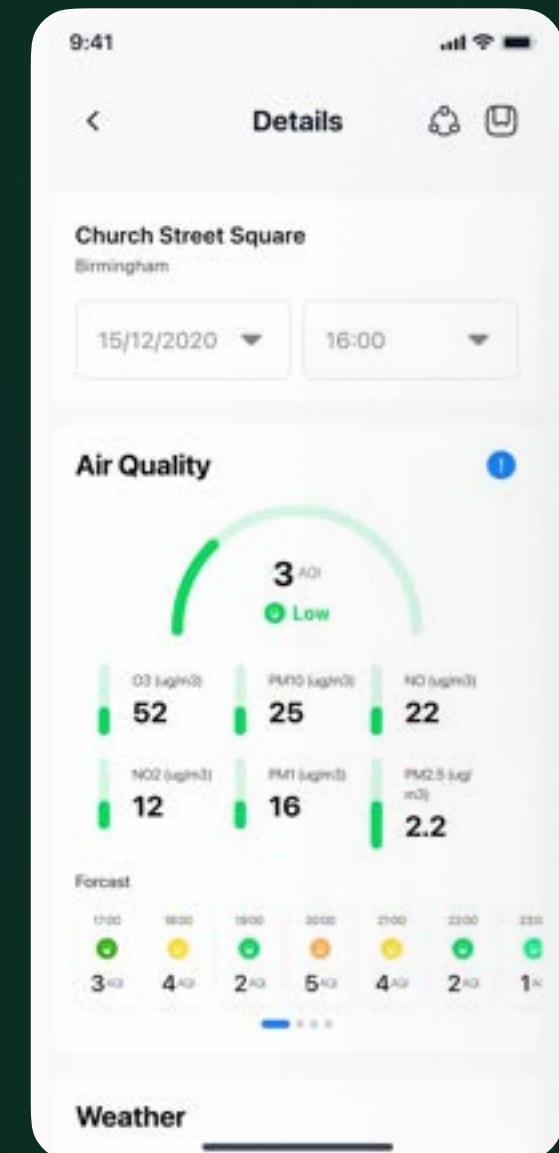
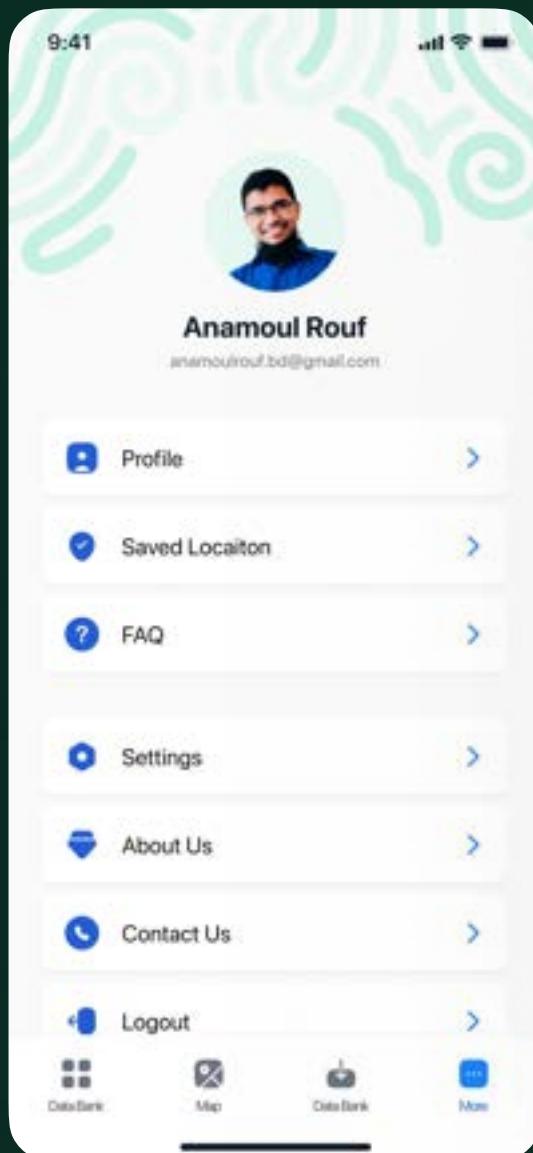
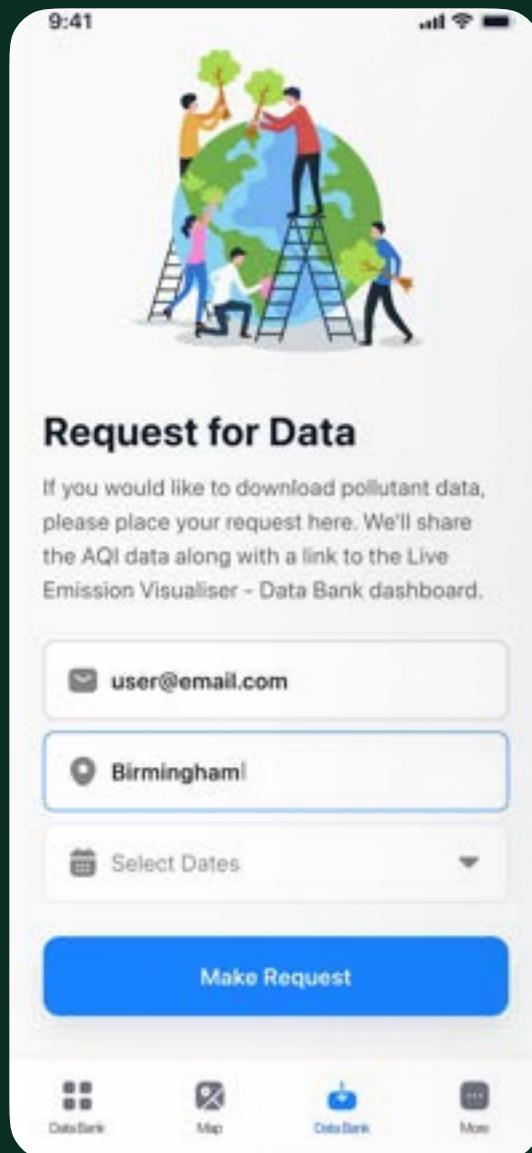
AQI Information



Weather Update



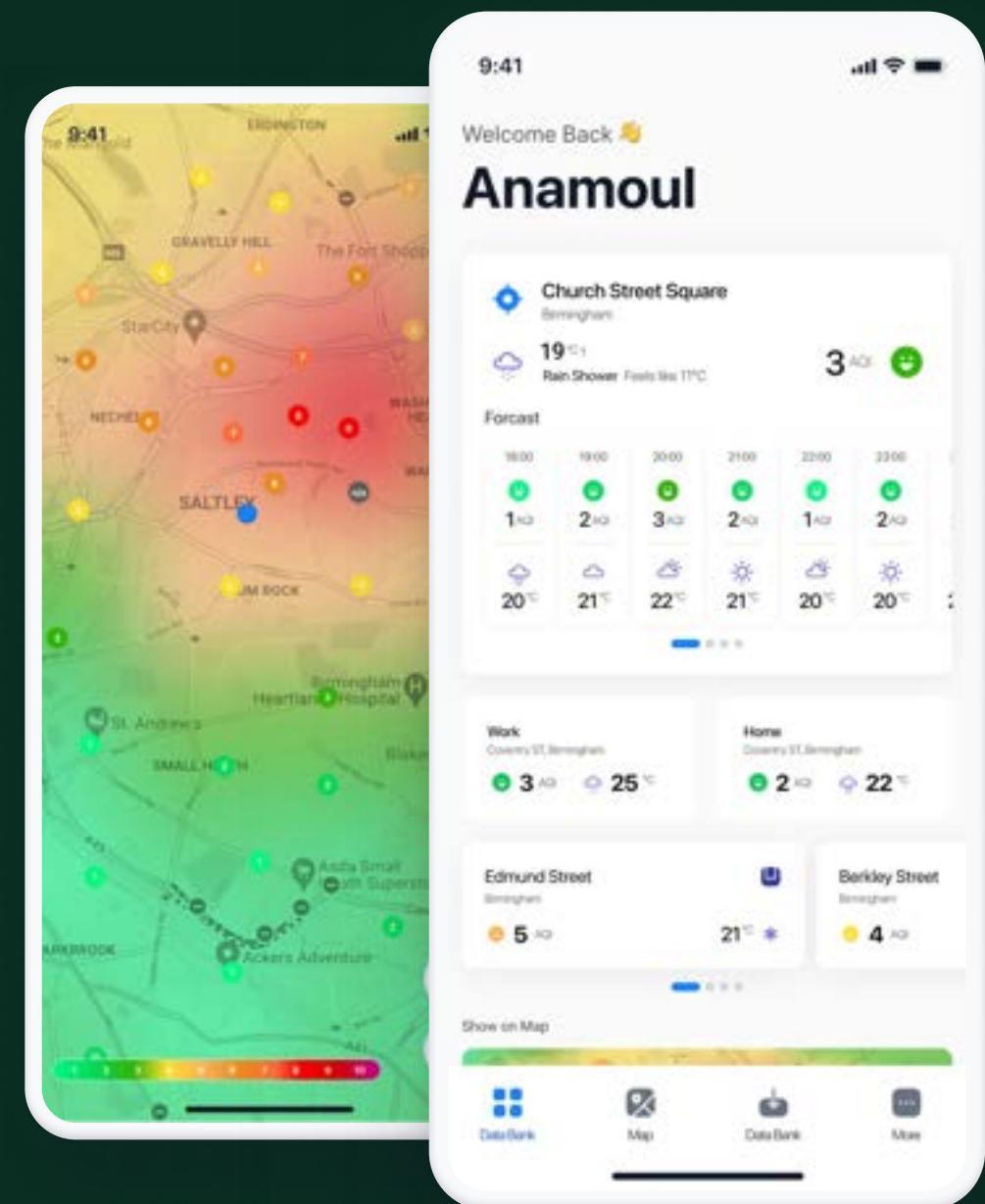
Other Screens



Usability Testing

The goal was to assess the app's overall usability and identify areas for improvements that could facilitate the completion of the tasks. The participants were given the same set of jobs.

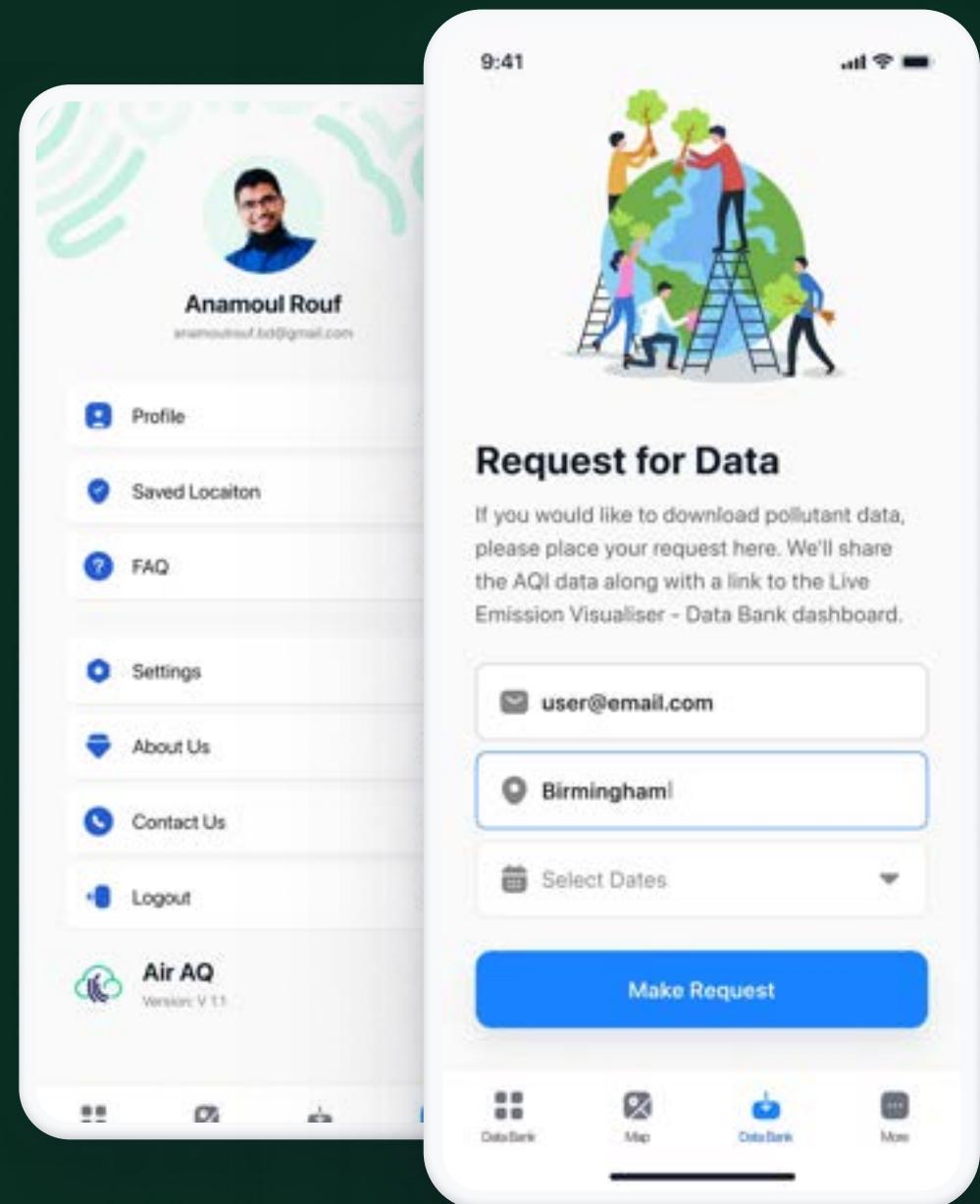
Due to the NDA issue, I've only shared the information authorized by the authority.



Refine & Deploy

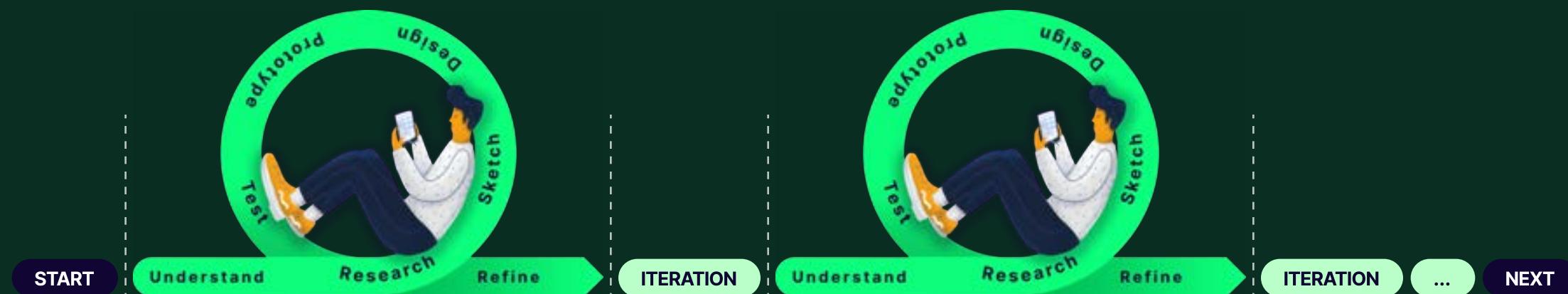
Based on the usability testing sessions, we refined and updated the design. Then, we created deliverables for development handover. I maintained continuous communication with the developers during the development period.

After the successful deployment, it is time to collect feedback from the user.



Results & Future Iteration

As it was an one-time client project, I don't have the opportunity to measure the results.



Thank you

Feel free to reach me

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🌐 <https://anamoulrouf.com>





Redefine the ad network experience for
Advertiser & Publisher

Advertiser Dashboard

User Name
Advertiser

Spend Overview

Today	Yesterday	This Month
\$ 34,569	\$ 34,586	\$ 34,586

Est. m/m Growth: **36.5% ▼**

[Explore >](#)

Impression

Today	Yesterday	This Month
35.4 K	35.4 K	35.4 K

Est. m/m Growth: **36.5% ▲**

[Explore >](#)

CTR (Click-through Rate)

Today	Yesterday	This Month
25%	75%	85%

Est. m/m Growth: **36.5% ▲**

[Explore >](#)

Campaigns

CampaignName 1	CampaignName 2
Est. m/m Growth: 36.5% ▲	Est. m/m Growth: 6.5% ▼

[Explore >](#)

Impressions Served

Active Campaigns 8	Ad Groups 12	Ads 34
Today until now (16-04)	This Month until 4 October 2020	

34,569 **561,251**

[Explore >](#)

Bangladesh

Today	Est. m/m Growth
\$ 34,569	36.5% ▲

United States

Today	Est. m/m Growth
\$ 34,569	36.5% ▲

United Kingdom

Today	Est. m/m Growth
\$ 34,569	36.5% ▲





Redefine the experience for Advertiser & Publisher

Project

G&R Dashboard Wireframe Design

Timeline

2 Month

My Role

UX Research, UI/UX Design

Tools

Miro, Figma.

Platform

Web App.

Team Collaboration

Product, Marketing & Customer Support, and
Tech.

Background

G&R Ad Network is a platform of advertisement network. It has type of customers-advertisers and publishers. I was requested to help G&R Product team to design a mid-fidelity wireframe.

Design Challenge

The G&R team planned to restructure and redesign the existing platform for their customers. Our challenges was to define the user role, and to design functional, simple, intuitive, innovative, easy to use, conversion-friendly, and frictionless wireframes.

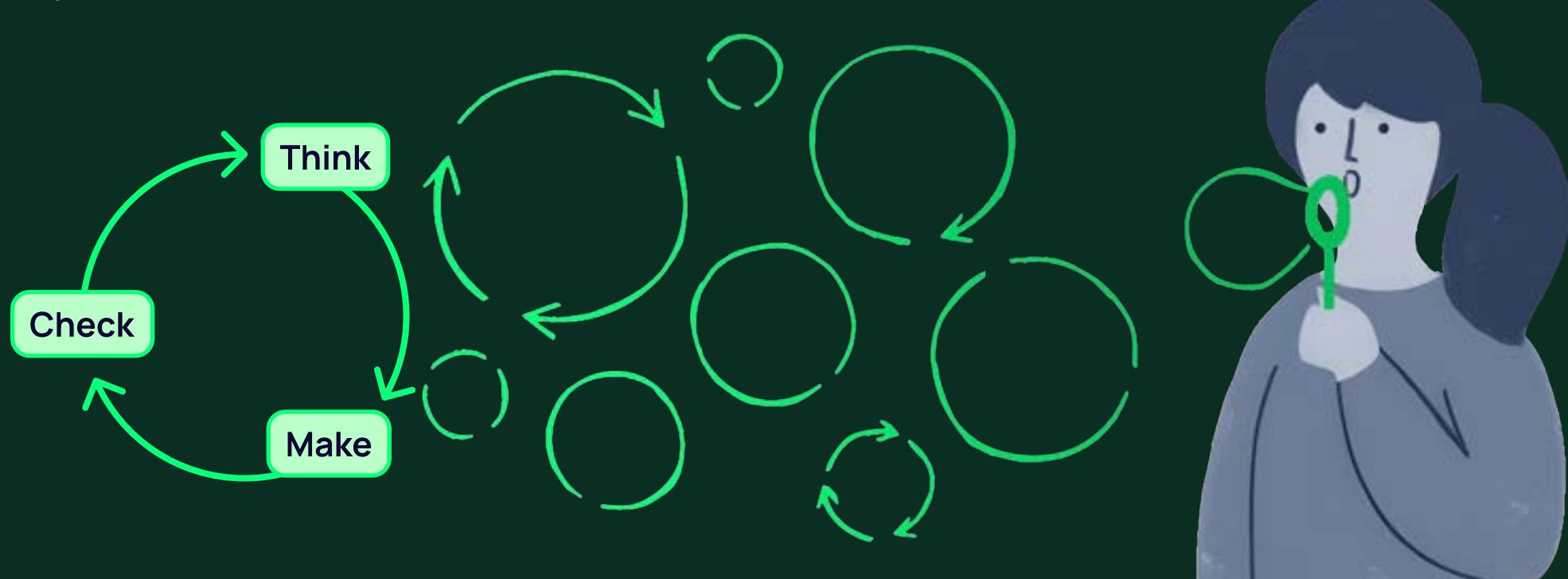
Process

Design Thinking & Lean UX Design

It is always challenging to select an efficient, sustainable, and flexible design process when we had very limited time and resources. I had selected the approach to the Lean UX process. It is an iterative process with three simple steps.

- Think
- Make
- Check

and keep repeating the steps.

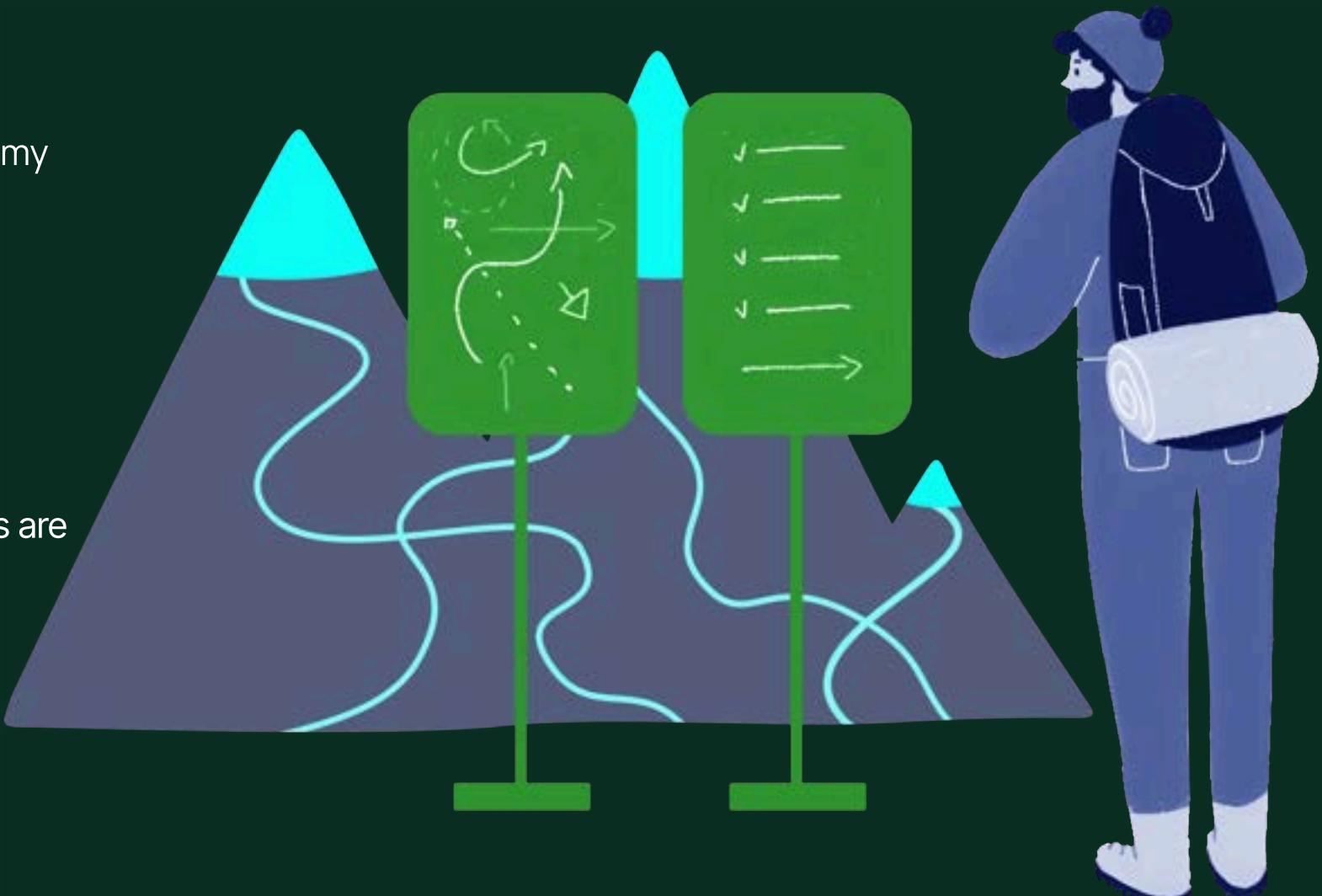


Understanding

I have no ideas about the ad network industry!

It is crucial to understand the end goal from users and business perspectives. So I started seeking answers to my questions.

- What does the product do?
- What are the business goals?
- Who is the audience? How they are related to it?
- Where they live, what they think, like & do?
- Why/How often do they use it?
- Do there are simillar products in market? How their users are using the services?

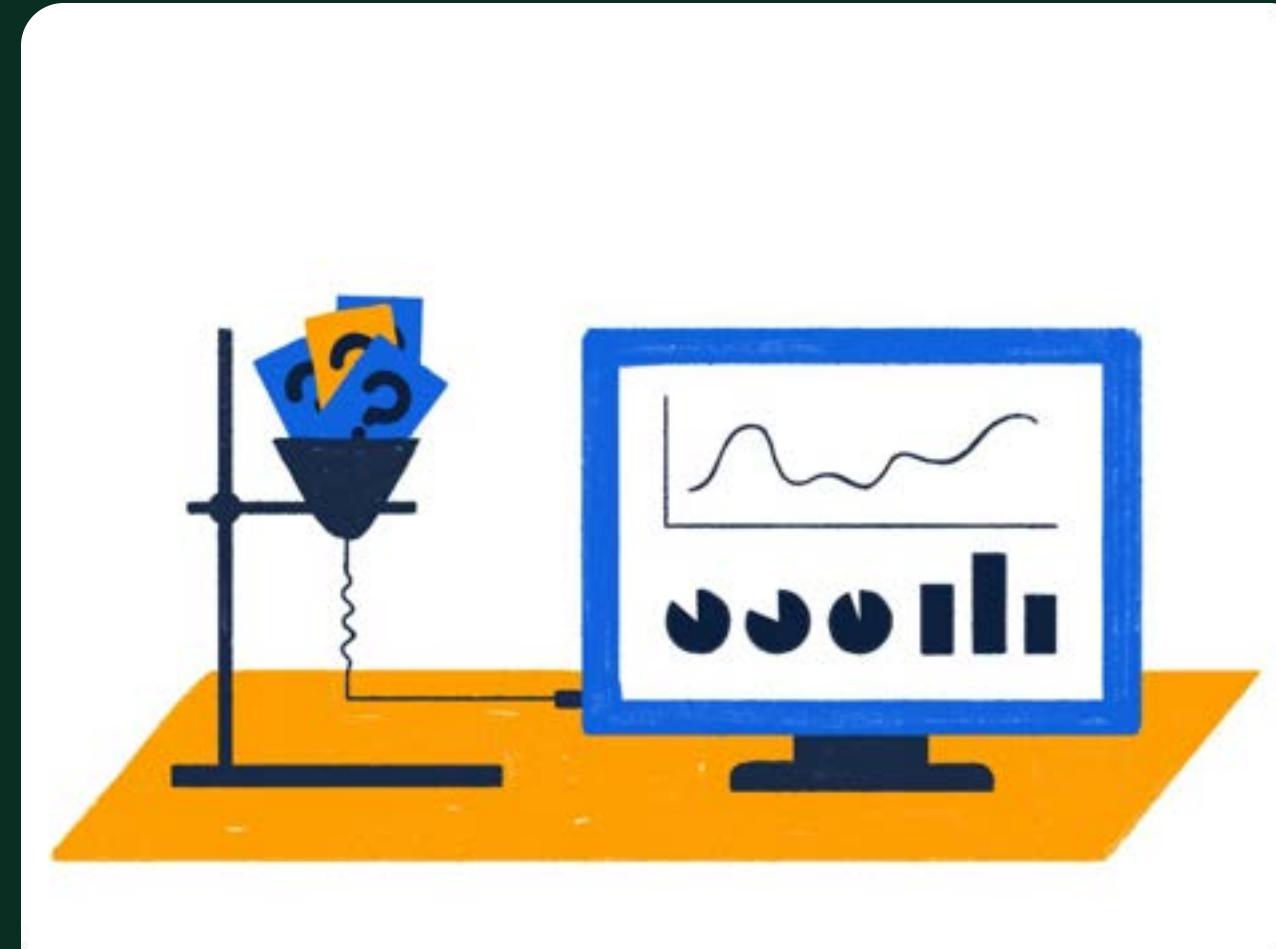


Findings

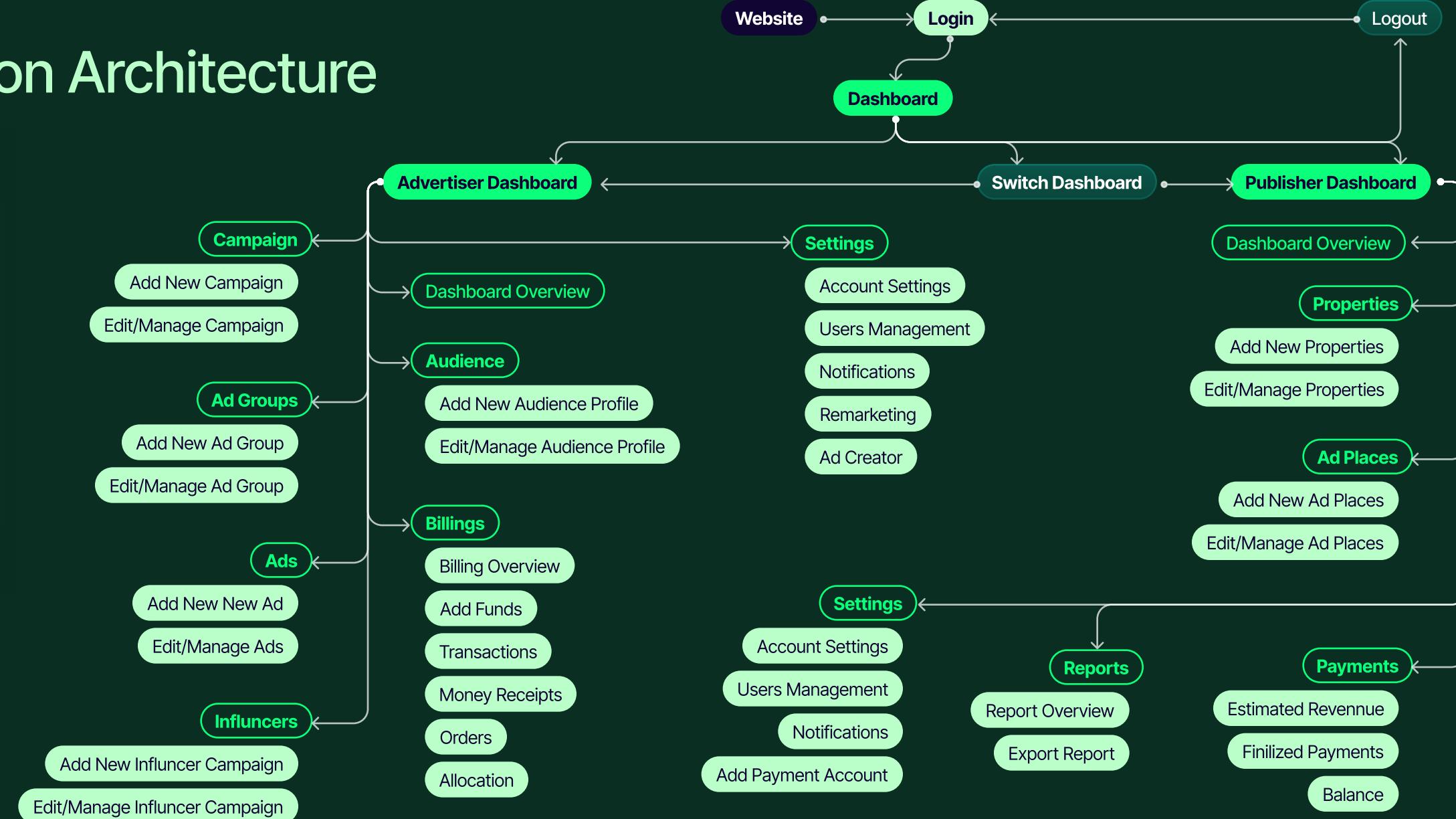
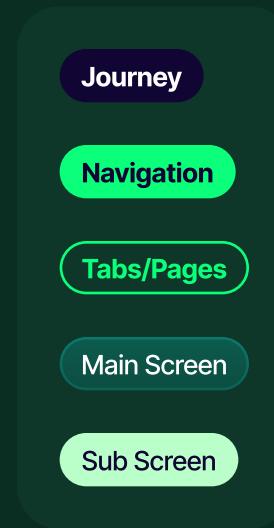
We started with UX Audit in the existing system

To gain an insight, we explored the existing user journey to find the ux problems.

- There are 2 types of user roles in the system - Advertisers and Publishers.
- A customer can have one role in system. A customer can also have both roles if it is permitted from System Admin.
- Only the G&R authority will have the System Admin access.
- The customers who have the both roles, It is hard and confusing for them to do all the activities of both roles.
Examples - switching user role, generate and export custom reporting, getting live data and forecast, using publisher credits to launch ad in advertiser dashboard.



Information Architecture



Wireframing & Prototyping

We created digital wireframes and built a low-fidelity prototype. Also, we conducted a series of sessions for usability testing.

The following steps were to sketch wireframes based on the user flow maps and built the flow and low-fidelity prototype for a series of testing sessions.

[Explore the Wireframe Screens](#)



Testing

We invited some focus group users for testing sessions.

- Creating wireframes helped me to visualize the ideas and gave us the basic structure for how users would use the app.
- When creating these wireframes, we kept the user needs from the earlier findings and research in mind.
- We have done several testing sessions with a close group of users.

[Explore the Wireframe Screens](#)



Advertiser Dashboard

G&R

- Dashboard
- Campaigns
- Influencers
- Audience
- Report
- Billing
- Settings

Advertiser Dashboard

Spend Overview

Today	Yesterday	This Month
₹ 34,569	₹ 34,586	₹ 34,586

Est. m/m Growth: **36.5% ▼**

[Explore >](#)

Impression

Today	Yesterday	This Month
35.4 K	35.4 K	35.4 K

Est. m/m Growth: **36.5% ▲**

[Explore >](#)

CTR (Click-through Rate)

Today	Yesterday	This Month
25%	75%	85%

Est. m/m Growth: **36.5% ▲**

[Explore >](#)

Campaigns

CampaignName 1	CampaignName 2
Est. m/m Growth: 36.5% ▲	Est. m/m Growth: 6.5% ▼

[Explore >](#)

Impressions Served

Active Campaigns: 8 Ad Groups: 12 Ads: 34

Today until now: (16-04) This Month until 4 October 2020

34,569	561,251
Explore >	Explore >

Bangladesh

Today	Est. m/m Growth
₹ 34,569	36.5% ▲

United States

Today	Est. m/m Growth
₹ 34,569	36.5% ▲

United Kingdom

Today	Est. m/m Growth
₹ 34,569	36.5% ▲



Spend Clicks Impressions CTR

Total Estimated spend generated in 31 days
- 01 Jul 2020 (Wednesday) to 31 Jul 2020 (Friday)

₹ 34,583,137



Campaigns

G&R

- Dashboard
- Campaigns**
- Influencers
- Audience
- Report
- Billing
- Settings

← Campaigns

Add New Campaign

CampaignName 1

CampaignName 2

CampaignName 3

CampaignName 4

CampaignName 5

CampaignName 6

User Name
Advertiser

Add New Campaign

List of Campaigns

All Campaigns

enter campaign name

Campaigns	Budget	Spent	Run Rate	Impressions	Clicks	CTR	CPC	CPM
CampaignName 1	₹ 1,702,908	₹ 856,651,740	85.29%	1,625,790,161	8765	5.5%	₹ 21.60	₹ 4.74
CampaignName 2	₹ 1,702,908	₹ 856,651,740	85.29%	1,625,790,161	8765	5.5%	₹ 21.60	₹ 4.74
CampaignName 3	₹ 1,702,908	₹ 856,651,740	85.29%	1,625,790,161	8765	5.5%	₹ 21.60	₹ 4.74
CampaignName 4	₹ 1,702,908	₹ 856,651,740	85.29%	1,625,790,161	8765	5.5%	₹ 21.60	₹ 4.74
CampaignName 5	₹ 1,702,908	₹ 856,651,740	85.29%	1,625,790,161	8765	5.5%	₹ 21.60	₹ 4.74
CampaignName 6	₹ 1,702,908	₹ 856,651,740	85.29%	1,625,790,161	8765	5.5%	₹ 21.60	₹ 4.74

Billings

G&R

- Dashboard
- Campaigns
- Influencers
- Report
- Billing ▼
 - Billing Overview**
 - Transactions
 - Money Receipt
 - Orders
 - Allocation
- Settings ▼

Billing Overview

Available Balance
₼ 27,456,987
Recent Budget: ₼ 327,456,987 | Average Budget: ₼ 34,586

Actual Balance
₼ 27,456,987
Recent Budget: ₼ 327,456,987 | Average Budget: ₼ 34,586

Lifetime Balance
₼ 27,456,987
Recent Budget: ₼ 327,456,987 | Average Budget: ₼ 34,586

Add Funds

Lorem ipsum is simply dummy text of the printing and typesetting industry. Lorem ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown.

Add Funds



Recent Transactions

All Transactions

Date	ID	Source	Status	Amount
2020-04-19	2987	20200115-1219	Processing	₼ 245,000.00
2020-03-10	2967	20200115-1219	Complete	₼ 245,000.00
2020-04-19	2987	20200115-1219	Complete	₼ 245,000.00
2020-03-10	2967	20200115-1219	Complete	₼ 245,000.00

User Name
Advertiser

Publisher Dashboard

G&R

- Dashboard
- Properties
- Ad Places
- Report
- Payments
- Settings

Publisher Dashboard

Revenue Overview

Today	Yesterday	This Month
34,569	34,586	34.5 K

Est. m/m Growth
36.5% ▲ [MORE ➔](#)

Fill Rate

Today	Yesterday	This Month
5%	85%	75%

Est. m/m Growth
15.6% ▼ [MORE ➔](#)

Requests

Today	Yesterday	This Month
35.4 K	35.4 K	35.4 K

Est. m/m Growth
36.5% ▲ [MORE ➔](#)

Impression

Today	Yesterday	This Month
35.4 K	35.4 K	35.4 K

Est. m/m Growth
36.5% ▲ [MORE ➔](#)

Impressions served

Active Publishers	Websites	Apps
7,444	11,235	80
Today until 16:04	This Month until Today	
34,569	561,251	

Properties

PropertyName 1	PropertyName 2
Est. m/m Growth 26.5% ▲	Est. m/m Growth 16.5% ▼

[MORE ➔](#)

User Name
Publisher

[EXPLORE MORE ➔](#)

Report

G&R

- Dashboard
- Properties
- Ad Places
- Report
 - Overview
 - Location
 - Revenue
 - Technology
- Payments
- Settings

Report Overview

All Property Select Date Range EXPORT

Impression Served: 5,145,832

Date Range: 01 Jul, 20 - 31 Jul, 20

Property(s): 01 Ad Place(s): 12 Earnings: ₦ 22,726

Top Impressions:

- Advertiser 1
- Advertiser 1
- Advertiser 1

Top Revenue:

- Advertiser 1
- Advertiser 1
- Advertiser 1

REQUESTS IMPRESSIONS FILL RATE CLICKS REVENUE



Refine & Handover

Based on the usability testing sessions, we refined and updated the Wireframes.

We created deliverables for the handover. I maintained continuous communication with the team during the development period.

- Prepared design documentations
- Write user stories
- Maintained a close communication with the team
- Unit testing sessions with the demos



Outcomes & Future vision

Validation & Future Iteration

It's an one time project.

So, I don't have the opportunity to measure the success of it.



G&R Publisher Dashboard

Dashboard

- Properties
- Ad Places
- Report
- Payments
- Settings

Revenue Overview

Today	Yesterday	This Month
฿ 34,569	฿ 34,586	฿ 34.5 K
Est. m/m Growth		
36.5% ▲		MORE ➔

Fill Rate

Today	Yesterday	This Month
5%	85%	75%
Est. m/m Growth		
15.6% ▼		MORE ➔

Impression

Today	Yesterday	This Month
35.4 K	35.4 K	35.4 K
Est. m/m Growth		
36.5% ▲		MORE ➔

Impressions served

Active Publishers	Websites	Apps
7,444	11,235	80
Today until 16:04	This Month until Today	
34,569	561,251	

Properties

PropertyName 1	PropertyName 2
Est. m/m Growth	Est. m/m Growth
36.5% ▲	16.5% ▼
	MORE ➔

Bangladesh

Today
35.4 K

United States

Today
35.4 K

United Kingdom

Today
35.4 K

Saudi Arabia

Today
35.4 K

Saudi Arabia

Today
35.4 K

Saudi Arabia

Today
35.4 K

Thank you

Feel free to reach me

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🌐 <https://anamoulrouf.com>

