

A
Summer Internship Report
On
"Social Media App"
"Mobile Wallet"
"Edumame(Learning Platform)"
"Car washing App"

(IT446 – Summer Internship - II)

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Submitted to
Charotar University of Science & Technology (CHARUSAT)
for the Partial Fulfillment of the Requirements for the
Degree of Bachelor of Technology (B.Tech.)
for Semester 7

Submitted at



U & P U. PATEL DEPARTMENT OF COMPUTER ENGINEERING
Chandubhai S. Patel Institute of Technology (CSPIT)
Faculty of Technology & Engineering (FTE), CHARUSAT
At: Changa, Dist: Anand, Pin: 388421.
July 2022



Accredited with Grade A by NAAC
Accredited with Grade A by KCG

CERTIFICATE

This is to certify that the report entitled “**Social Media App**”, “**Mobile Wallet**”, “**Edumame(Learning Platform)**” and “**Car washing App**” are a bonafied work carried out by **Mandani Vivek (19IT062)** under the guidance and supervision of **Prof. Jalpesh Vasa/ Ms. Rahila shekh** for the subject **Summer Internship – II (IT446)** of 7th Semester of Bachelor of Technology in **Information Engineering** at Chandubhai S. Patel Institute of Technology (CSPIT), Faculty of Technology & Engineering (FTE) – CHARUSAT, Gujarat.

To the best of my knowledge and belief, this work embodies the work of candidate himself, has duly been completed, and fulfills the requirement of the ordinance relating to the B.Tech. Degree of the University and is up to the standard in respect of content, presentation and language for being referred by the examiner(s).

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Completion Certificate

ON GOING

Table of Contents

Abstract	1
Acknowledgement.....	2
Description of company / organization.....	3
Chapter 1 Introduction	4
1.1 Purpose of Internship	4
1.2 Overview of Project	4
1.3 Objective	4
1.4 Scope.....	5
1.5 Roles and Responsibilities	5
1.6 Internship plan (Week wise)	6
Chapter 2 System Analysis	7
2.1 Requirement of new system.....	7
2.1.1 Functional Requirements	7
2.1.2 Non-functional Requirements	7
2.2 Hardware Requirements.....	7
2.3 Software Requirements	7
Chapter 3 Development Environment.....	8
Chapter 4 Implementation Screenshots	9
Chapter 5 Limitations and Future Work	15
Chapter 6 Conclusion.....	16
References	17

List of Figures

Figure 1: Social Media App	09
Figure 2: Mobile Wallet	11
Figure 3: Car Washing App	12
Figure 3: Edumame	14

List of Tables

Table 1.6 Internship plan (Week wise)	6
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Abstract

Industrial training is an important phase of a student life. A well planned, properly executed and evaluated industrial training helps a lot in developing a professional attitude. It develops an awareness of industrial approach to problem solving, based on a broad understanding of process and mode of operation of organization. The aim and motivation of this industrial training is to receive discipline, skills, teamwork and technical knowledge through a proper training environment, which will help us, as a student in the field of IT Engineering, to develop a responsiveness of the self-disciplinary nature of problems in information and communication technology. During the period of Four week, we explored JavaScript, React Native, Redux, Saga, TypeScript, React Navigation, React Animation, NodeJs and react-native-fs, Interceptor, Axios packages and much more in depth. Along with Industrial training we also work in live project.

Acknowledgement

The internship opportunity we had with AtliQ Technologies was a great chance for learning and professional development. Therefore, we consider ourselves as very lucky individuals as we were provided with an opportunity to be a part of it. We are also grateful for having a chance to meet so many wonderful people and professionals who led me through this internship period.

We express our deepest gratitude and special thanks to the Founder of AtliQ Technologies who in spite of being busy with his duties, took time out to hear, guide and keep us on the correct path and allowing us to carry out our project at their esteemed organization and extending during the training.

As a student of CSPIT (IT), we are highly thankful to Dr. Parth Shah (HOD, IT) and Prof. Jalpesh Vasa who allowed us for this internship at AtliQ Technologies Pvt Ltd at Vadodara, Gujarat.

Description of Company

We as one of the leading IT companies provide a range of services including Software Development, Web & App development, Data Analytics, Robotic Process Automation, Digital Marketing, and Branding to name a few. Our enthusiastic team of experts in technology, consultation, branding, and operations is the best choice for your business growth through automation and technology. Our working philosophy enables us to maintain an ethical and transparent culture, which adds value not only to us but also to our clients. Everyone in our team takes up the responsibility and is accountable for every move, which allows them to build themselves as a leader.

Services we offer :-

- Enterprise Application Development
- Software Development
- Mobile Application Development
- RPA Development
- Business Strategy Consulting
- Digital Marketing

Products :-

- Classpie
- Taskpro
- SMS Alert System
- SMS Text Services System
- Customer Feedback System
- SMS Campaign System
- Customer Analytic System
- Visapro 360

Website	https://www.atliq.com
Industries	IT Services and IT Consulting
Company size	51-200 employees
Headquarters	Monroe, New Jersey
Type	Privately Held
Founded	2017
Specialties	Software Product Development, Application Development, Business Process Consulting, Branding, Digital Marketing, and Website Designing
Locations	Monroe, New Jersey 08831, US // Vadodara, Gujarat, 390023, IN

Chapter - 1 Introduction

1.1 Purpose of Internship

Internships are a great way to apply the knowledge from the classroom to real-world experience. Learning is one thing, but taking those skills into the workforce and applying them is a great way to explore different career paths and specializations that suit individual interests. Having an internship gives you experience in the career field you want to pursue. Not only does this give individuals an edge over other candidates when applying for jobs, it also prepares them for what to expect in their field and increases confidence in their work. Internships can provide students with the soft skills needed in the workplace and in leadership positions. Skills, such as communication, leadership, problem-solving, and teamwork can all be learned through an internship and utilized beyond that experience.

1.2 Overview of Project

Our projects are developed in react native android and iOS cross platform. In first week, I have learned all the basic and advanced concepts of Javascript then learned all about TypeScript and learned all important concepts and topic related to Git/GitHub and at last I have exported all about React-Native, Redux, Saga, Axios, Interceptor. And then I started with UI implementation of Social Media app project, added navigation , Redux, saga to app and then in second week first of all I completed UI implementation and some functionality like authentication, add like or dislike functionality of Social Media app project and started with UI implementation of Mobile wallet application. In third week completed UI implementation of Mobile wallet application. Also started the UI implementation of Car Washing App. In fourth week started functionality implementation of Car Washing app in which first of all I completed Authentication Module and also completed some functionality of worker module. In fourth week we completed the UI part of Car washing app and also completed all functionality of Worker module and In fifth week completed all functionality of subscription module and profile module. In sixth week I started with UI implementation of edumame application.

1.3 Objective

To achieve the requirement of applications with functionalities like

- **Social Media app:**
 - Authentication

- Add post
 - Like/dislike
 - Chat functionality
 - All type of Searching Filter
- **Mobile Wallet:**
 - See all Transaction
 - Check your card details
 - Track Expenses
- **Car washing App:**
 - Authentication
 - Worker Model
 - Subscription Model
 - Payment Model
- **Edumame:**
 - Take a courses
 - Achieve Certification
 - Payment Model

1.4 Scope

- **Social Media app**
Provide communication, community-based input, interaction, content-sharing and collaboration
- **Mobile Wallet**
Secure private data.
- **Car washing App**
Provide Car washing service with subscription model and Appointment model
- **Edumame**
Provide Educational Courses

1.5 Roles and responsibility

- Mobile Application developer (React Native)

1.6 Internship plan (Week wise)

	Date	Day	Name of Module
Week 1	23/5/2022	Monday	Introduction of Company and Internship plan
	24/5/2022	Tuesday	Revise React-Native, Javascript, Typescript, Concepts
	25/5/2022	Wednesday	
	26/5/2022	Thursday	Project setup (Social Media App)
	27/5/2022	Friday	
Week 2	30/5/2022	Monday	
	31/5/2022	Tuesday	UI implementation of Mobile wallet app and some Functionality
	01/5/2022	Wednesday	
	02/5/2022	Thursday	
	03/5/2022	Friday	
Week 3	06/5/2022	Monday	Built Social Media app and Mobile wallet app .apk files
	07/5/2022	Tuesday	Started UI implementation of Car Washing App
	08/6/2022	Wednesday	
	09/6/2022	Thursday	
	10/6/2022	Friday	Completed Functionality of Authentication Module
Week 4	13/6/2022	Monday	
	14/6/2022	Tuesday	
	15/6/2022	Wednesday	
	16/6/2022	Thursday	
	17/6/2022	Friday	
Week 5	20/6/2022	Monday	Completed Functionality of Subscription Module
	21/6/2022	Tuesday	
	22/6/2022	Wednesday	
	23/6/2022	Thursday	Completed Functionality of Profile Module
	24/6/2022	Friday	
Week 6	27/6/2022	Monday	Built Car washing app .apk files
	28/6/2022	Tuesday	UI implementation of Edumame
	29/6/2022	Wednesday	
	30/6/2022	Thursday	
	01/7/2022	Friday	

Table 1.6 Internship plan (Week wise)

Chapter 2: System Analysis

2.1 Requirement of new system

2.1.1 Functional Requirements

- **Social Media app**
 - User authentication
 - User can put their post
 - User can do chatting
- **Mobile Wallet**
 - Authentication with OTP and password
 - User can manage and track transactions
- **Car washing app**
 - User can book appointment
 - User can see location
 - User can see subscription offers
- **Edumame**
 - User can choose courses
 - User can learn from free contents

2.1.2 Non-functional Requirements

- Usability
 - User friendly UI
 - Portability
- App should support android version above 8 and iOS version 13

2.2 Hardware Requirements

- Android 8+, iOS 13+

2.3 Software Requirement

- VS Code
- MySQLDB
- Postman
- Xcode
- Android Studio

Chapter - 3 Development Environment

3.1 Hardware Requirements

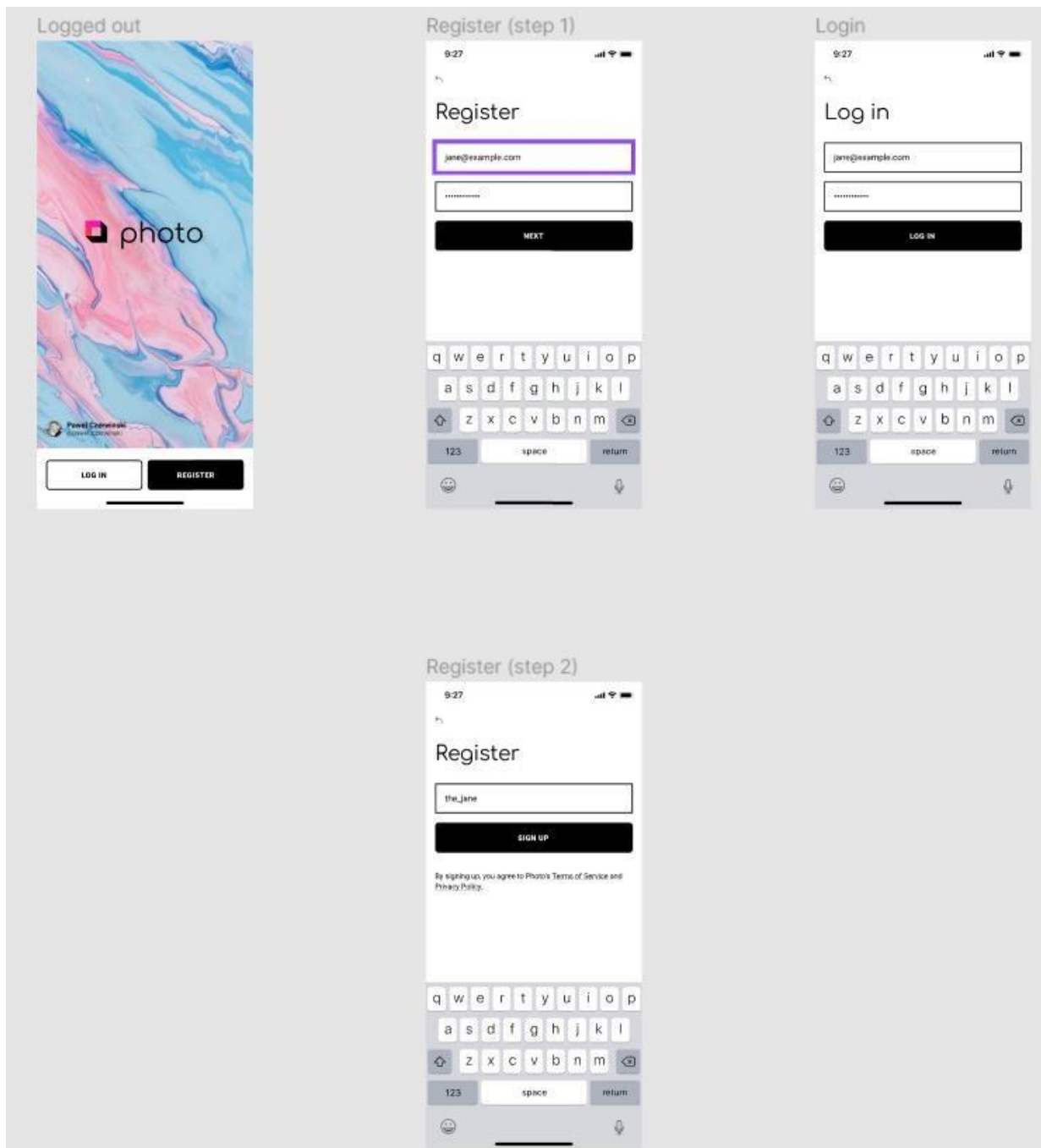
- Computer/ laptop (2GHz minimum, multi-core processor)
- Intel core minimum i5 Processor
- RAM (At least 8GB, preferably higher, and commensurate with concurrent usage)

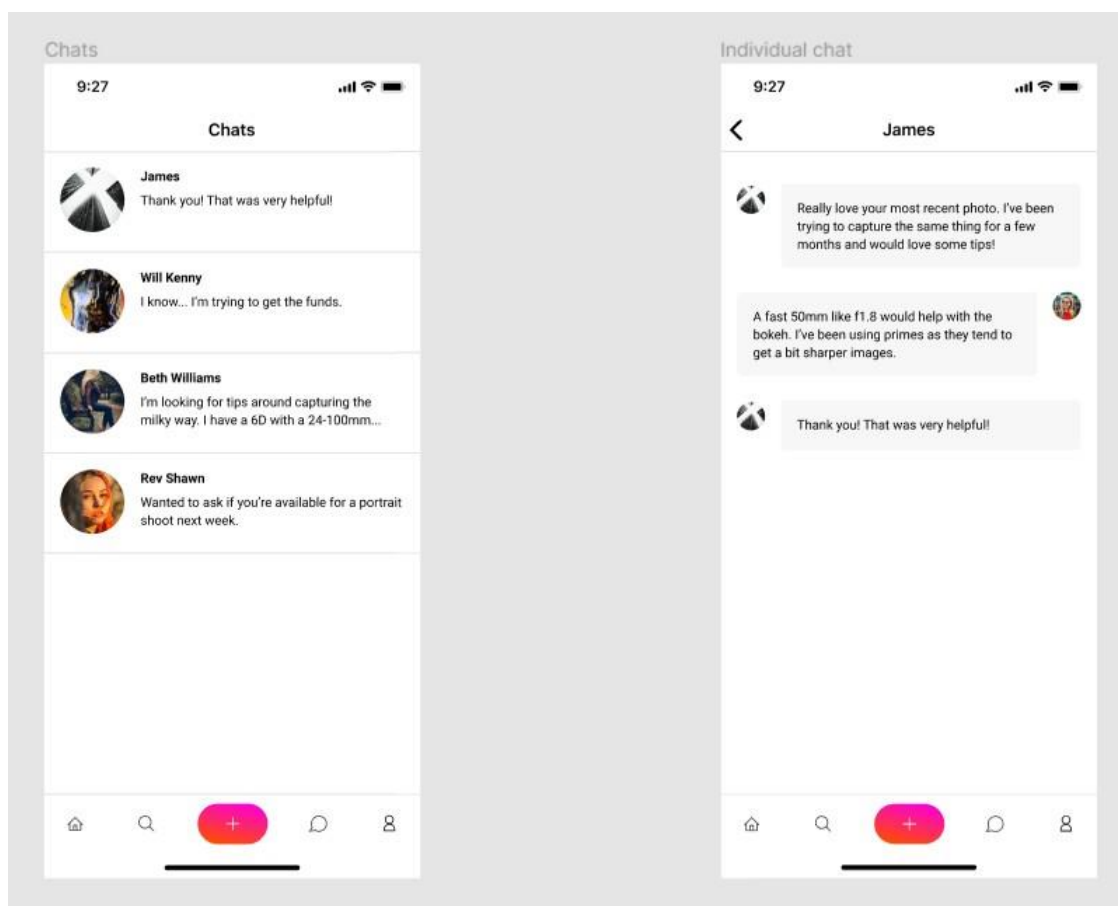
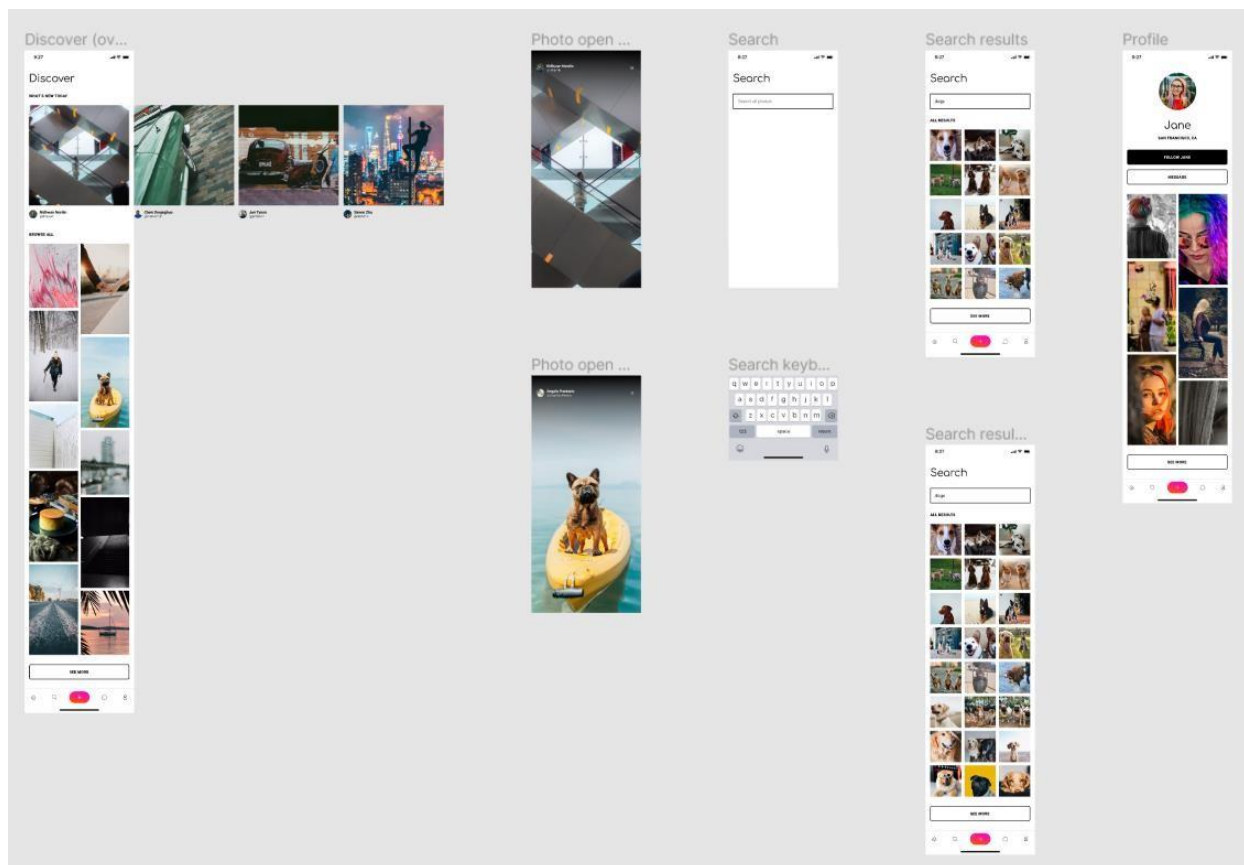
3.2 Software Requirements

- Operating System (Windows 10, MacOS)
- VS Code
- Languages: React-native, Node.js, Redux

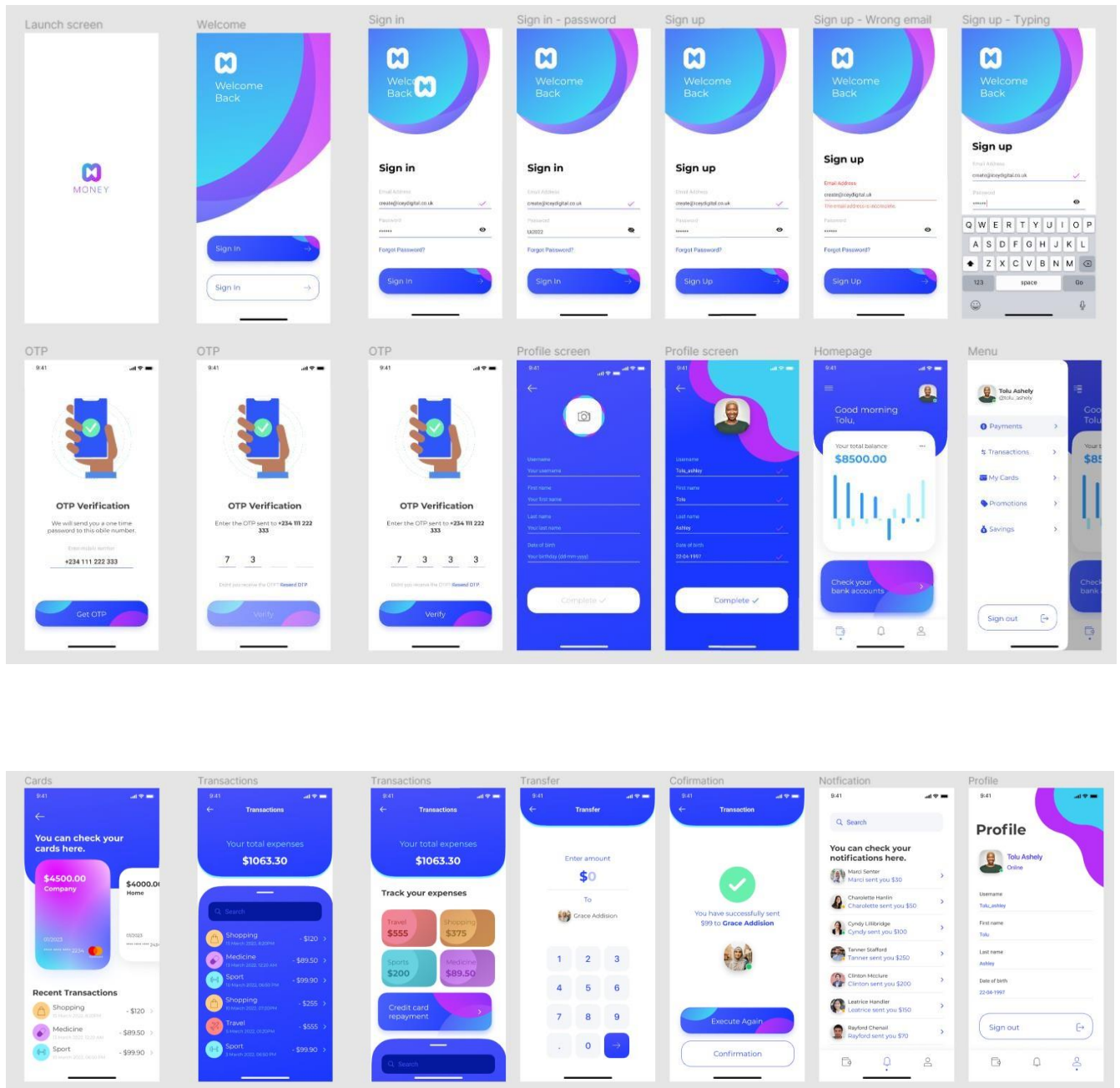
Chapter - 4 Implementation Screenshots

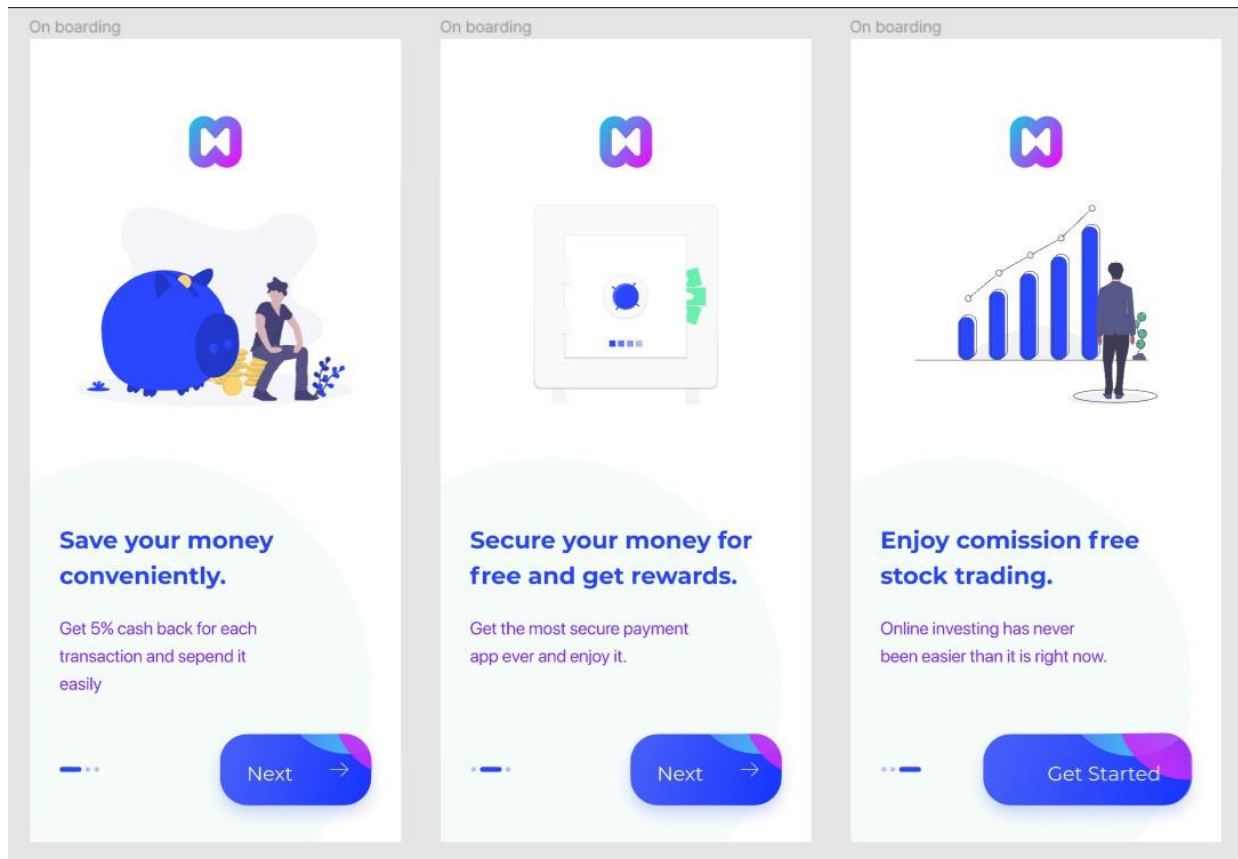
- **Social Media app**





- Mobile Wallet





- **Car Washing App**

The image displays three sequential screens from a "Car Washing App".

- Login Screen:** Features a title "Login". It has two input fields: "Email" (with the placeholder "het@atliq.com" and a checkmark icon) and "Password" (with a toggle icon). Below the password field is a "Forgot Password?" link. A large blue "Log in" button is at the bottom. At the very bottom, it says "Need to create an account? [Sign up here](#)".
- Sign Up Screen:** Features a title "Sign Up" with a back arrow. The text says "Enter your email and we'll send you a link to set your password." Below this is an "Email" input field and a large blue "Continue" button. At the bottom, it says "Already have an account? [Login here](#)".
- Set Profile Screen:** Features a title "Set Profile" with a back arrow. It contains six input fields: "First name", "Last name", "Address", "Mobile number", "Pin code", and "Password" (with a toggle icon). Below the password field is a "Confirm password" input field. A large blue "Set Profile" button is at the bottom.

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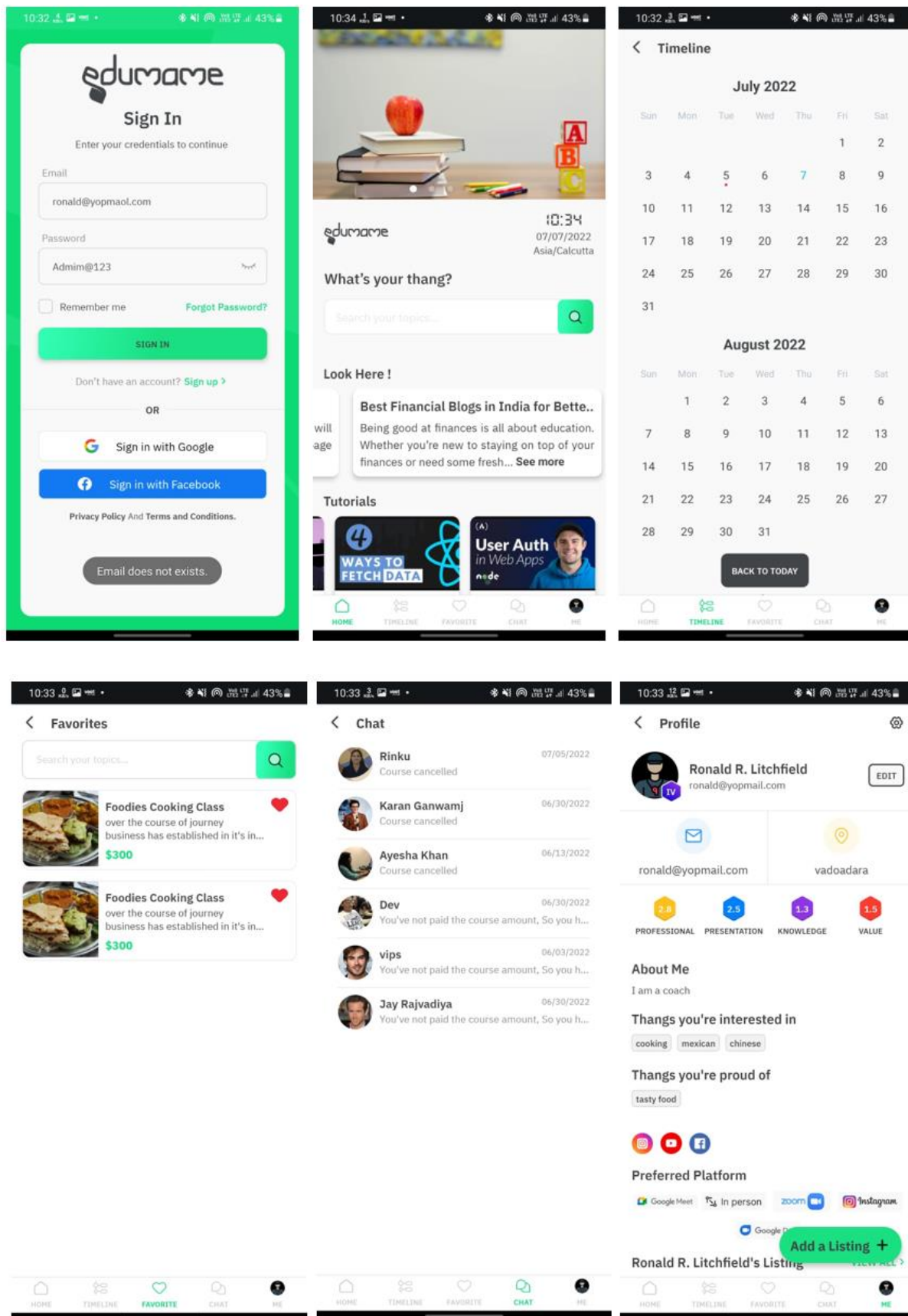
Edit Profile

See History

Log Out

Home User Profile

- **Eduname**



Chapter - 5 Limitations and Future Work

5.1 Limitations

- As it is a Client Project, We have to make project that has no limitations.

5.2 Future Work

- If client get any issue then, project team will work on that issue.

Chapter – 6 Conclusion

- During this Internship, I have learned very great knowledge of Mobile Application development.
- I have learned many new languages and technical skills like React Native, Redux, Type Script and Industry level use of GitHub, etc.
- In future it will be very easy for me to make any Mobile Application by this internship experience.

References

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- <https://reactnative.dev>
- <https://reactnavigation.org/>
- <https://nozbe.github.io/WatermelonDB/>
- <https://docs.swmansion.com/react-native-reanimated/docs>