

# **MY YATRA APP**

## **Mini Project 1 A Report**

Submitted in partial fulfillment of the requirement of University of Mumbai

For the Degree of  
**(Computer Engineering)**

By

- |                        |                      |
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**TERNA ENGINEERING COLLEGE, NERUL,  
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**Department of Computer Engineering**

Academic Year 2022-23

**CERTIFICATE**

This is to certify that the mini project 2 A entitles “MY YATRA APP” is a bonafide work of

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submitted to the University of Mumbai in partial fulfillment of the requirement for the award of the Bachelor of Engineering (Computer Engineering).

**Guide**

**Head of Department**

**Principal**

## Project Report Approval

This Mini Project 2A Report – entitled “**MY YATRA APP**” by following students is approved for the degree of *T.E. in "Computer Engineering"*.

### Submitted by:

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Examiners Name & Signature:

1.-----

2.-----

Date: -----

Place: -----

## Declaration

We declare that this written submission represents our ideas in our own words and where others' ideas or words have been included, we have adequately cited and referenced the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

### Submitted by:

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# Index

## TABLE OF CONTENTS

<b>Sr. No.</b>	<b>Title</b>	<b>Page No.</b>
	<b>Abstract</b>	7
	<b>List of Figures</b>	8
Chapter 1	Introduction	9
	1.1 Sub chapter	
	1.2 Sub chapter	
Chapter 2	Problem Statement	10
Chapter 3	Literature Survey	11
Chapter 4	Design and Implementation	12
Chapter 5	Results	15
Chapter 6	Conclusion and future work	19
	<b>Reference</b>	20

## **Abstract**

“One of the important step for improvement is knowing what needs to be improved !”, this is why insights are one of the most important features of a good ticket managing system. The Project objective is to book and resell the tickets online. The Ticket Booking and Reselling System is an application based system.

It can be accessed by anyone who has an Internet connection. User is required to login to the system and needs to search required tickets. For ticket reselling purpose the user needs to provide essential credentials of the ticket. Our ticket booking and reselling system provides an option to cancel the tickets done using credit card. People can book as well as resell the tickets online at any time of day or night. The fair price ticketing curse occurs when an event organizer sells tickets at prices that do not correspond to underlying demand conditions, and does not want resellers to profit from resale opportunities.

The curse has been exacerbated with the advent of online ticketing. Challenge is to facilitate genuine ticket exchange while eliminating resale for profit. None of the attempted public or private solutions solve the problem. We propose a simple project based on different ideas, information & facts.

Let’s identify a key set of necessary conditions for it to work. And by analyzing, discuss recent technological innovations that facilitate its implementation.

## **List of Figures**

<b>Sr. No.</b>	<b>Name of Figure</b>	<b>Page No.</b>
1.	1.1 Idea Of Project	09
2.	4.1 Algorithm	12
3.	4.2 Architecture Diagram Of System	13
4.	4.3 Working Flow Of System	14
5.	5.1 Demo On Real Device	15
6.	5.2 Demo On Virtual Device	16
7.	5.3 User Database File	17
8.	5.4 User data	17
9.	5.5 Activity Database File	18
10.	5.6 User Activity Data	18



# Chapter 1

## Introduction

### 1.1 Motivation :

The goal of our project is to develop a full-stack database android application that provides users a service – reselling service free of convenience fees for both ticket buyers as well as sellers .

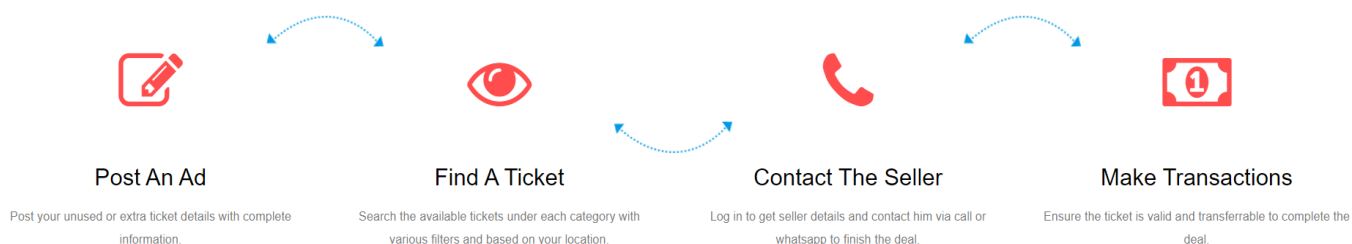
Ticket reselling is a huge market as many ticket holders are unable to directly refund their tickets and instead turn to online ticket reselling platforms to easily manage the chaos.

#### 1.1.1 Need Of The Problem :

The traditional way of booking and canceling a ticket costs a lot , so why to cancel a ticket if you can resell it, that to from anywhere and at any desired time. It becomes inconvenient for the passenger to cancel the ticket and he or she faces the loss of money which can be easily recovered by reselling the ticket to someone who needs it

### 1.2 Scope Of The Project :

- We think that our system still has much more potential to grow & update as well.
- Updated Mobile App versions, resolving bugs (if any).
- Thinking about Book Bus Tickets, web view for platforms besides.
- We will include more functions and introduce more widgets to the system.
- We also plan to enhance the interface so it will looks more attractive and interactive.



**Fig: 1.1**

## **Chapter 2**

### **Problem Statement**

#### **2.1 Problem Statement :**

The traditional way of booking and canceling a ticket costs a lot ; so why to cancel a ticket if you can resell it, that to from anywhere and at any desired time.

#### **2.2 Features :**

- Easy to use & handle the application.
- Book or Resell from anywhere & at any desired time.
- Direct contact to buyer, which actually saves the time.
- No any brokerage charges or any other.
- Full safety is provided.
- Remove the offer anytime.

#### **2.3 Objectives :**

- First to overcome from loss of money.
- To overcome from stress or tension about ticket.
- To save the valuable time.
- To seek the available service.
- Resell a ticket before it expire & take benifit.
- To connect the people.
- To help the common people.

#### **2.4 Specifications Of The System :**

- Keep records of every & new user.
- Registered user can manage his profile.
- Provide security of user-data, passwords, activity, etc.
- Deals with correct data only.
- Deals with the user activity.
- Get notified on resale ticket.
- Gives the instant results in application of every activity

## Chapter 3

### Literature Review

#### Existing System & It Limitations :

The present transportation system actually utilizes the brilliant card and token system. Additionally, individuals need to remain in lines for extended periods.

**Far more queues**, If you book your train tickets urgently, you have to stand in a line or maybe a queue to wait the turn of yours, which also not confirmed. Due to waiting in que, rich out stations in right time causes the **Wastage of time**. Even though we've option to resell to get refund in some cases get the **Loss of money**.

While looking for urgent tickets, the every common man thinks the risk of **Unsecure transactions**, it could be seller or buyer. There are numerous **Unexpected frauds** were happened on many fake websites. Also it's very **Hard access to ticket** as many times there is **Tricky terms & conditions**. These whole things creates the **unnecessary stress** to buyer most of the times. And seller by facing **Too much Penalty fees**. And because of this the tremendous **Unused slot wastage**.

#### Solution To Overcome These Limitations Of Existing System :

We are just an information platform connecting ticket holders vs seekers. **My Yatra App** is the best way for transferring the tickets. It is an open interaction platform that connects people with the right ticket sellers or buyers, quickly and cost effectively. You and He; Buy it or sell it ! Almost all the limitations are overcome by using a reselling concept.

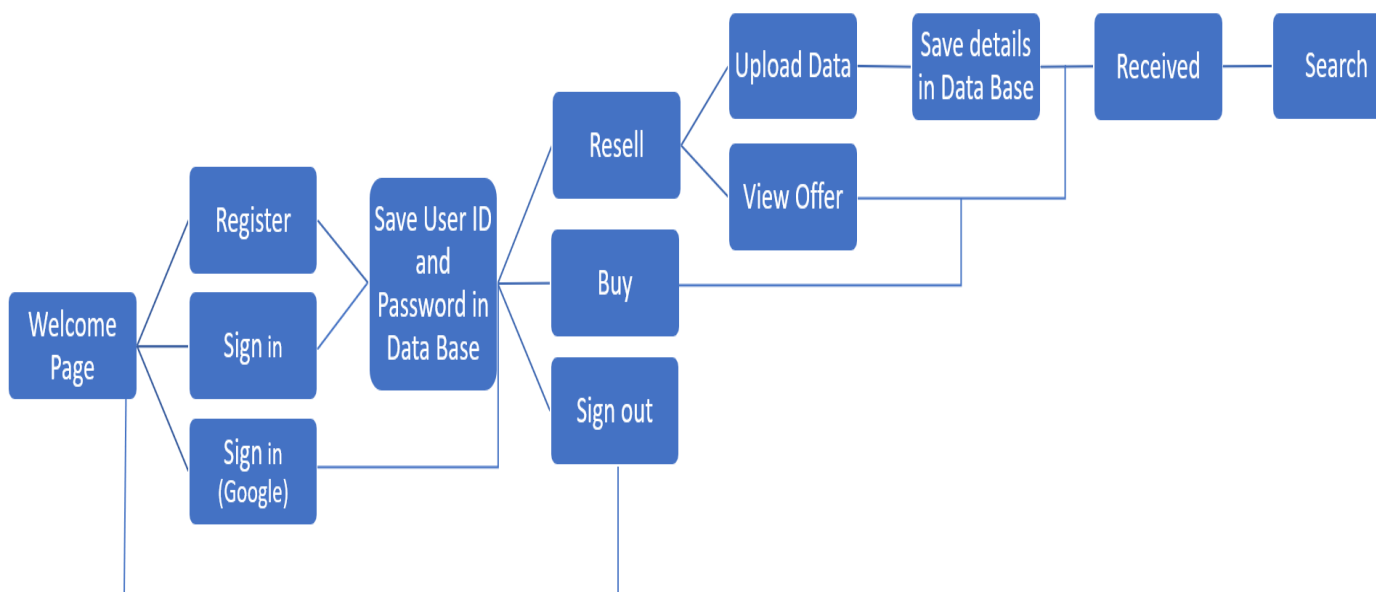
## Chapter 4

### Design and Implementation

#### 1. Software and Hardware Requirements :

- Android studio SDK
  - Firebase Authentication
  - Real-time Database
  - Firebase Recycler View
  - Smartphone with minimum 2GB RAM
  - Smartphone with minimum API level of 21
- For Developer
- For Client

#### 2. Flowchart :



**Fig: 4.1**

User need to first register while entering the app and can also get connected through Google, due to the Google connectivity available in the app.

As the user has logged in through app his data will be securely stored in database but if user has connected through Google account then data will be secured at Google end.

User can resell multiple tickets at same time. User need to mention the source that is the user's current place and destination till where he wish to travel . So we thought of continuing with this interesting idea and created our project about ticket reselling.

### 3. Architecture Diagram Of System :

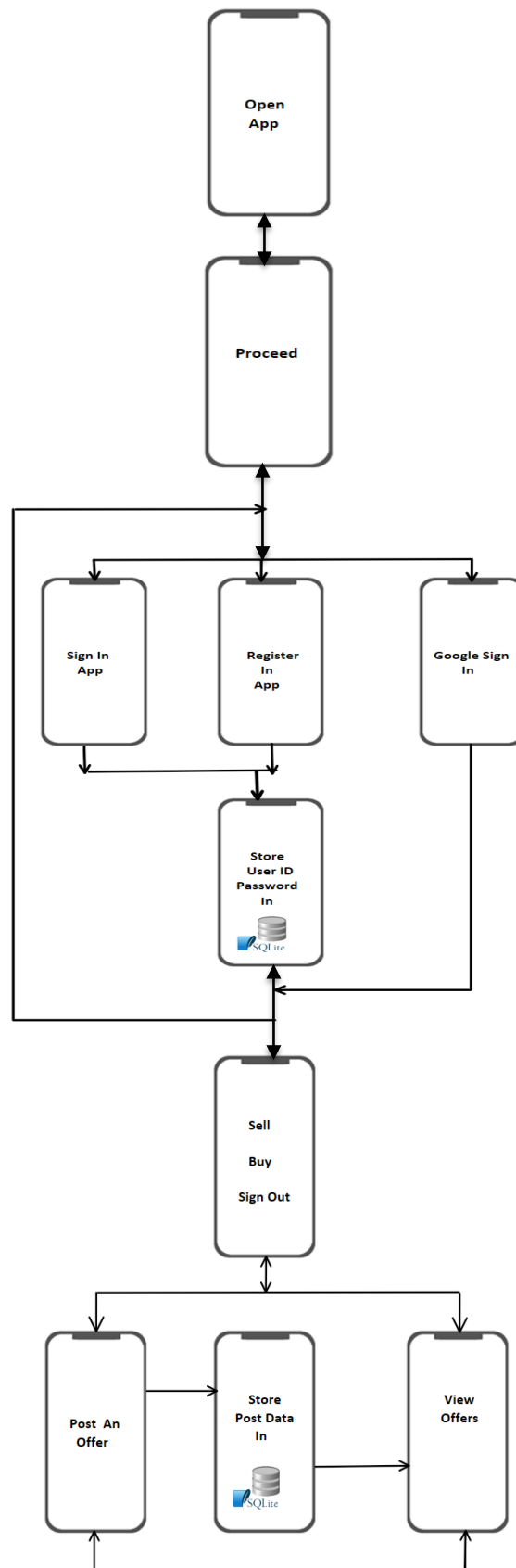
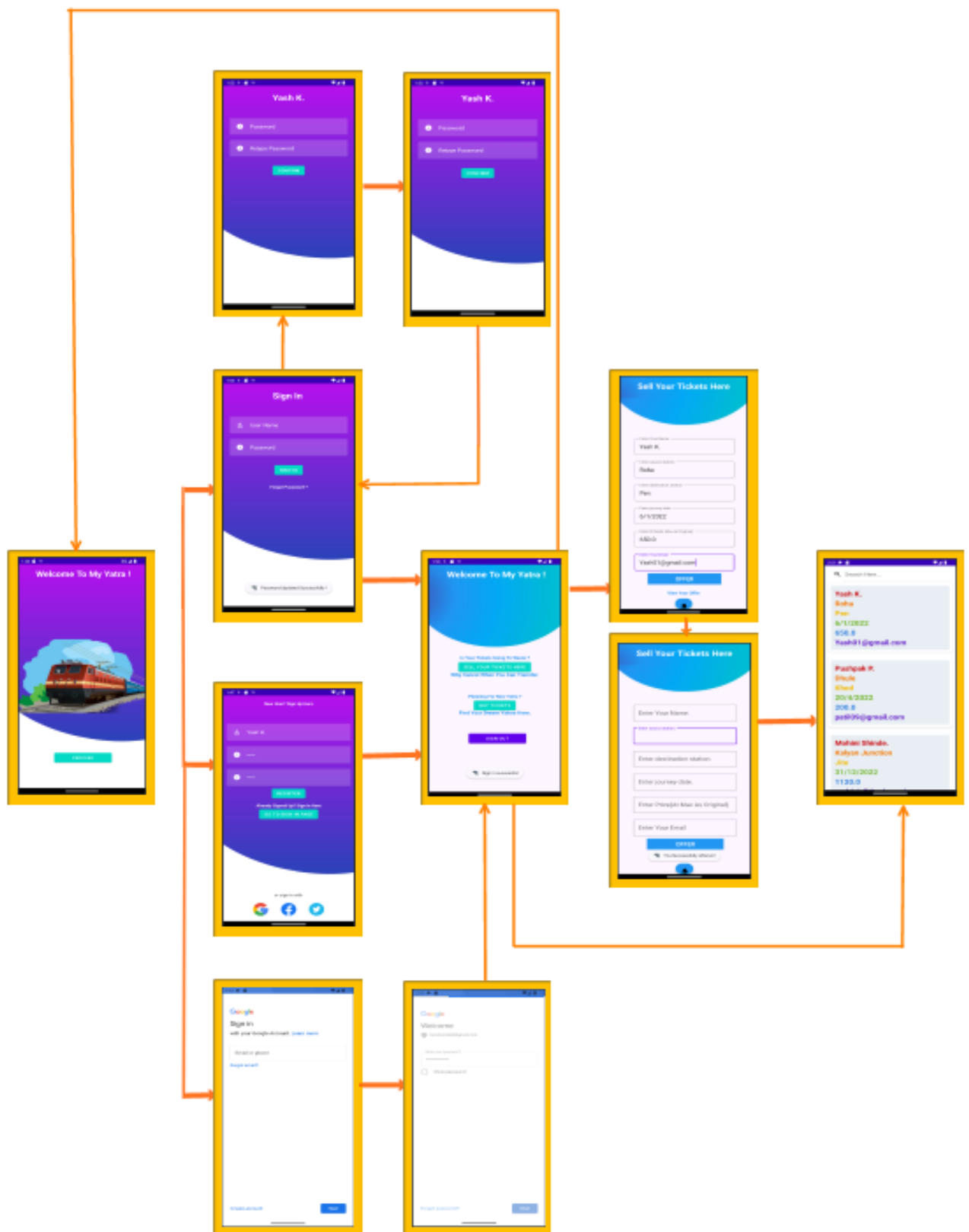


Fig: 4.2

#### 4. Working Flow Of System :



**Fig: 4.3**

## Chapter 5

### Results & Discussions

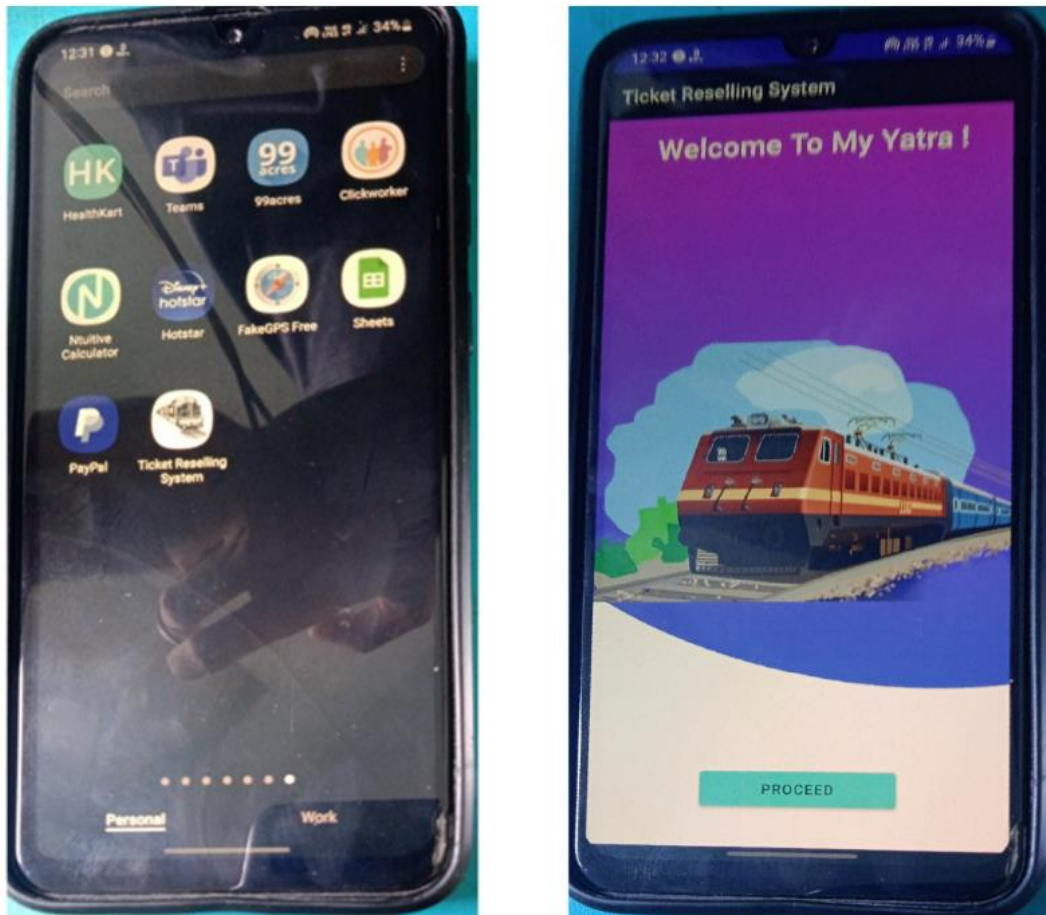


Fig: 5.1

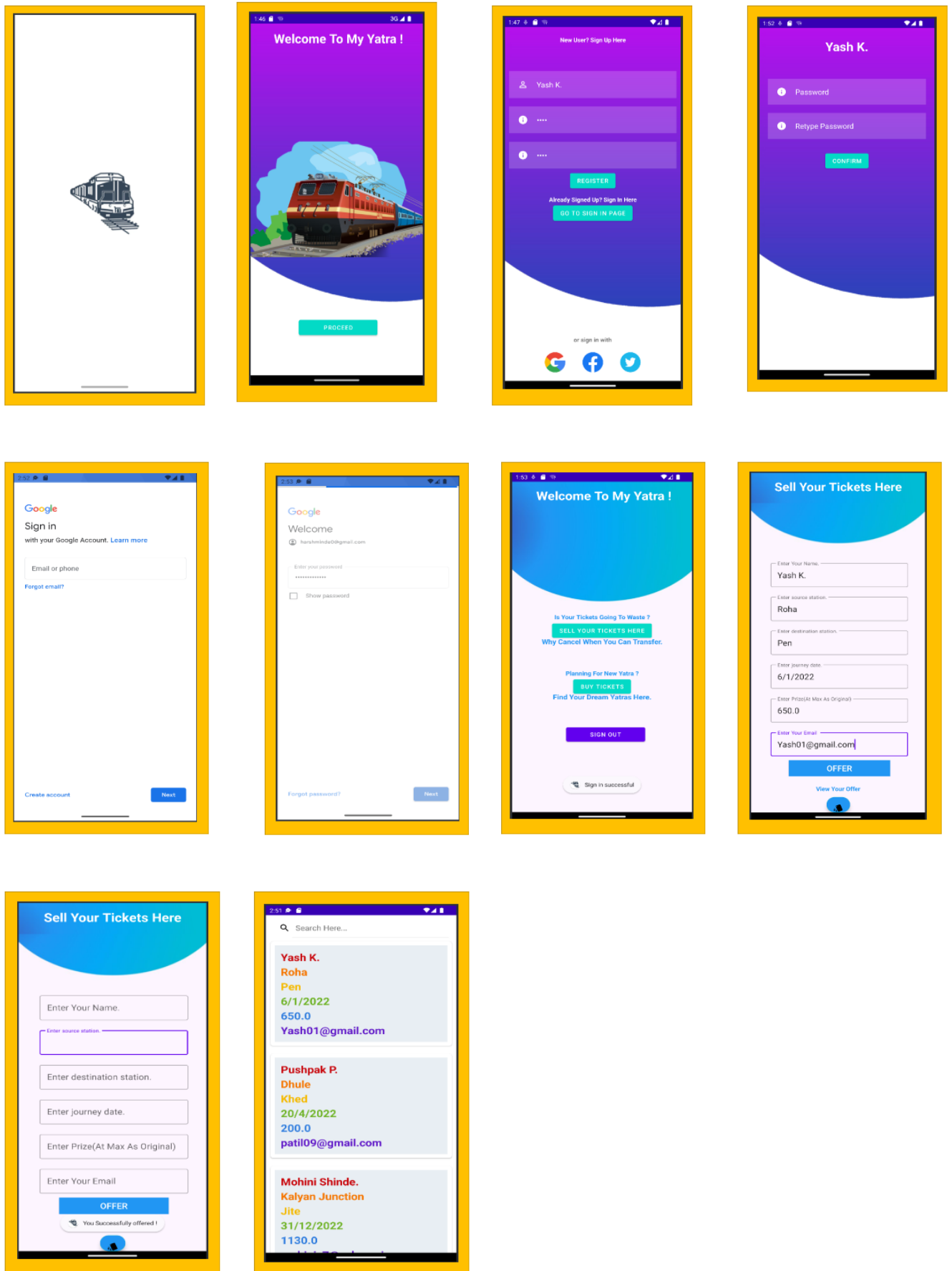
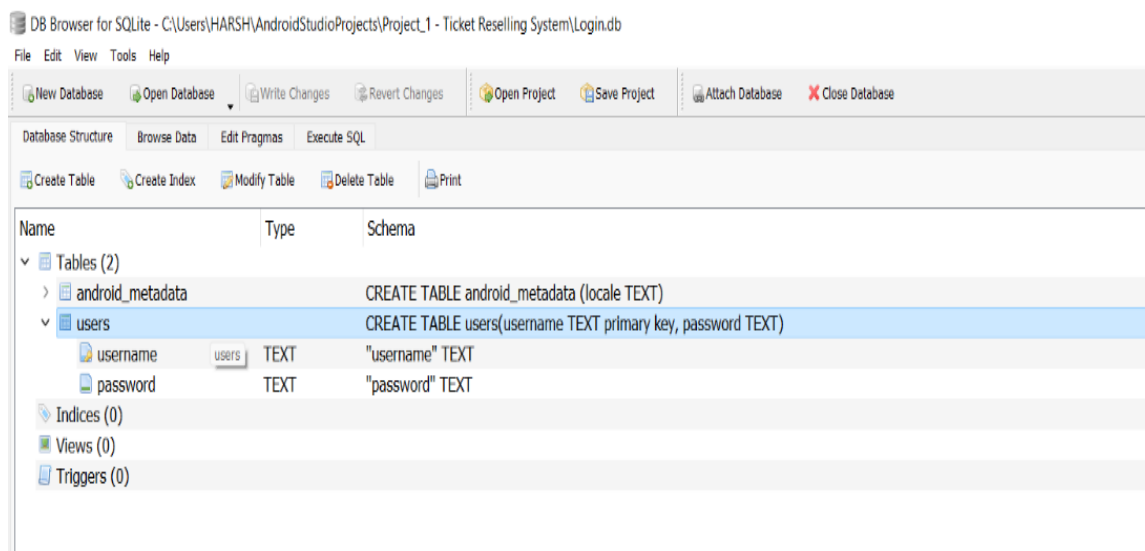
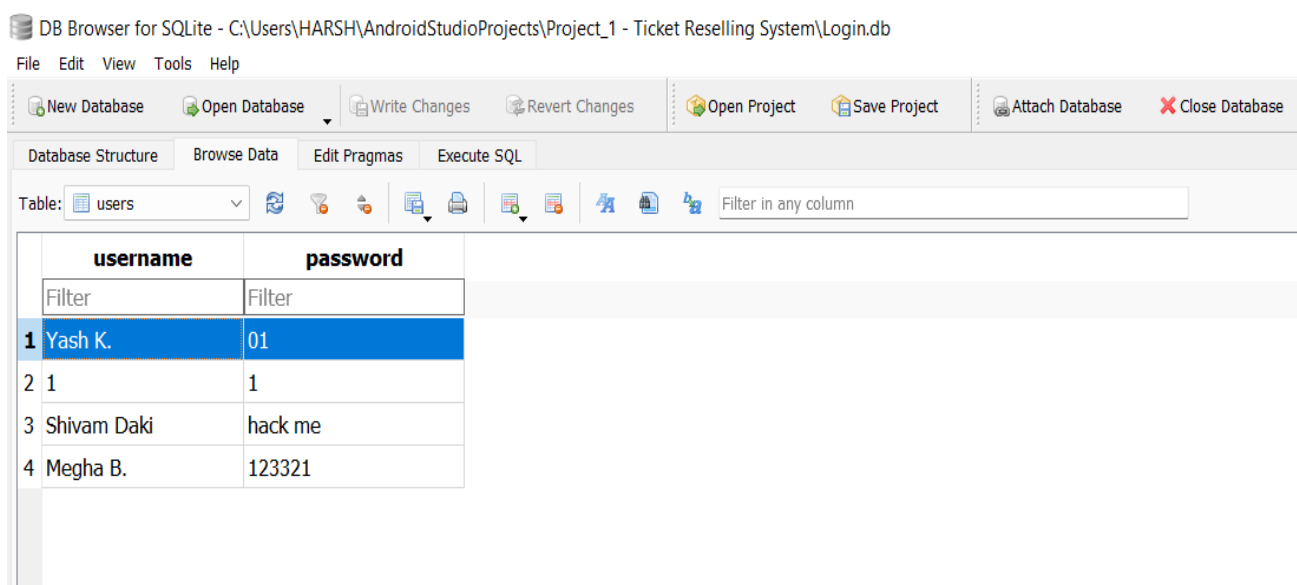


Fig: 5.2





**Fig: 5.3**



**Fig: 5.4**

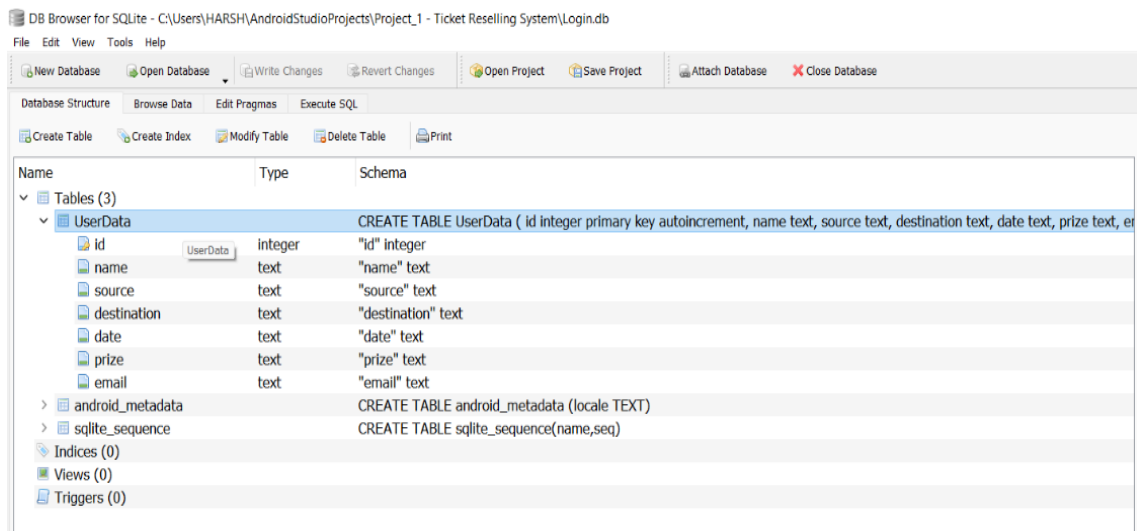


Fig: 5.5

DB Browser for SQLite - C:\Users\HARSH\AndroidStudioProjects\Project\_1 - Ticket Reselling System\Login.db

File Edit View Tools Help

New Database Open Database Write Changes Revert Changes Open Project Save Project Attach Database Close Database

Database Structure Browse Data Edit Pragmas Execute SQL

Table: UserData

	id	name	source	destination	date	prize	email
	Filter	Filter	Filter	Filter	Filter	Filter	Filter
1	1	Aniket Supe.	Khed	Jalna	12/2/2023	950.0	aniket10@gmail.com
2	2	Mohini Shinde.	Kalyan Junction	Jite	31/12/2022	1130.0	mohinis7@yahoo.in
3	3	Pushpak P.	Dhule	Khed	20/4/2022	200.0	patil09@gmail.com
4	4	Yash K.	Roha	Pen	6/1/2022	650.0	Yash01@gmail.com

Fig: 5.6

## **Chapter 6**

### **Conclusion and Future Scope**

#### **6.1 Conclusion :**

Our resale platform solves these issues (as discussed above in report). We can verify that tickets being returned and resold are genuine. Therefore there is no risk of buying a fraudulent ticket. We also only allow resale at face value to prevent ticket touting for profit. You can also rest assured that refunds will be processed in an official, timely manner. We're gradually rolling this out with more events becoming applicable all the time

So, concluding our project with the understanding of basic Android Studio, basic Java Programming Language, Teamwork & all, How to handle a real life project, And many more things; Also last but not the least i.e, solution for our aim of the project.

#### **6.2 Future Scope :**

Do it Yourself (DIY) booking tool on Web as well. Access to Special Fares with Free Rescheduling & more. Detailed, Real-time booking & cancellation Reports. 100% GST compliant. Dedicated, On-Site Travel Desk with 24x7 Support. Multi-level Policies, Approvals & Configurations with ability of building customised solutions.

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- LinkedIn
- Github
- Youtube

**THANK YOU !**