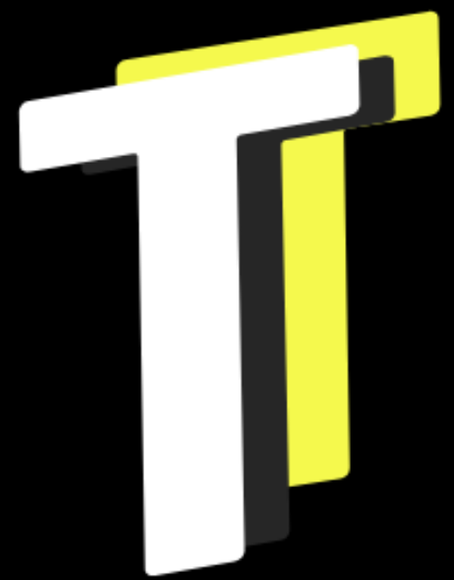
Team: Code X

Product: Truvel

A True Travelling App



Truvel

True Travel and More

CodeX

Technology Stack

Software:

1. Android Studio

Frameworj, API and Library:

1. Flutter Framework
2. Firebase
3. Google geolocation API
4. Google direction API
5. Maps SDK for android
6. URL launcher
7. places API

Programming Languages:

1. Dart
2. Python

CodeX

Database System on FireBase

Truvel app

Realtime Database

Data Rules Backups Usage

Protect your Realtime Database resources from abuse, such as billing fraud or phishing Configure App Che

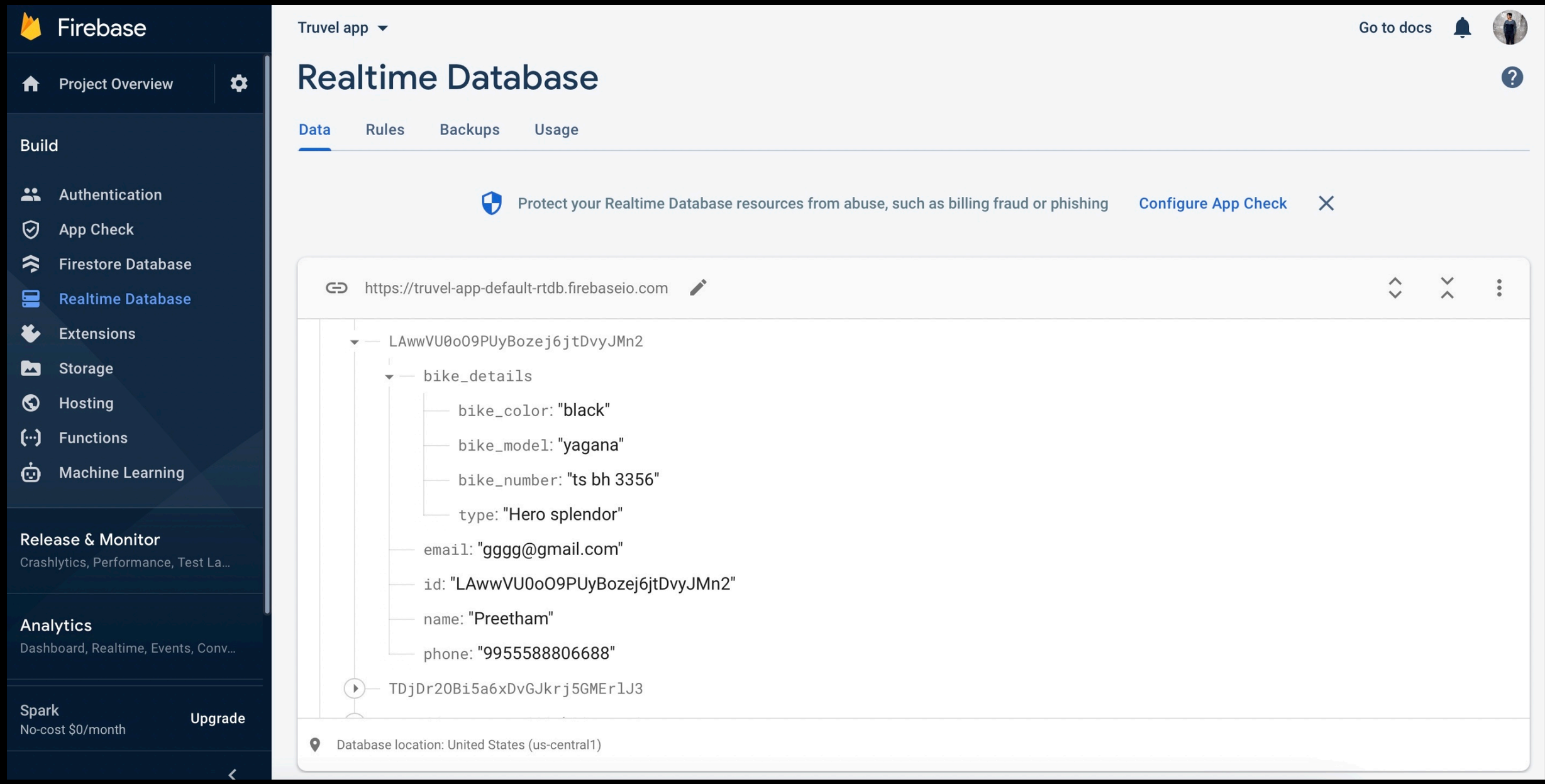
https://truvel-app-default-rtdb.firebaseio.com

https://truvel-app-default-rtdb.firebaseio.com/

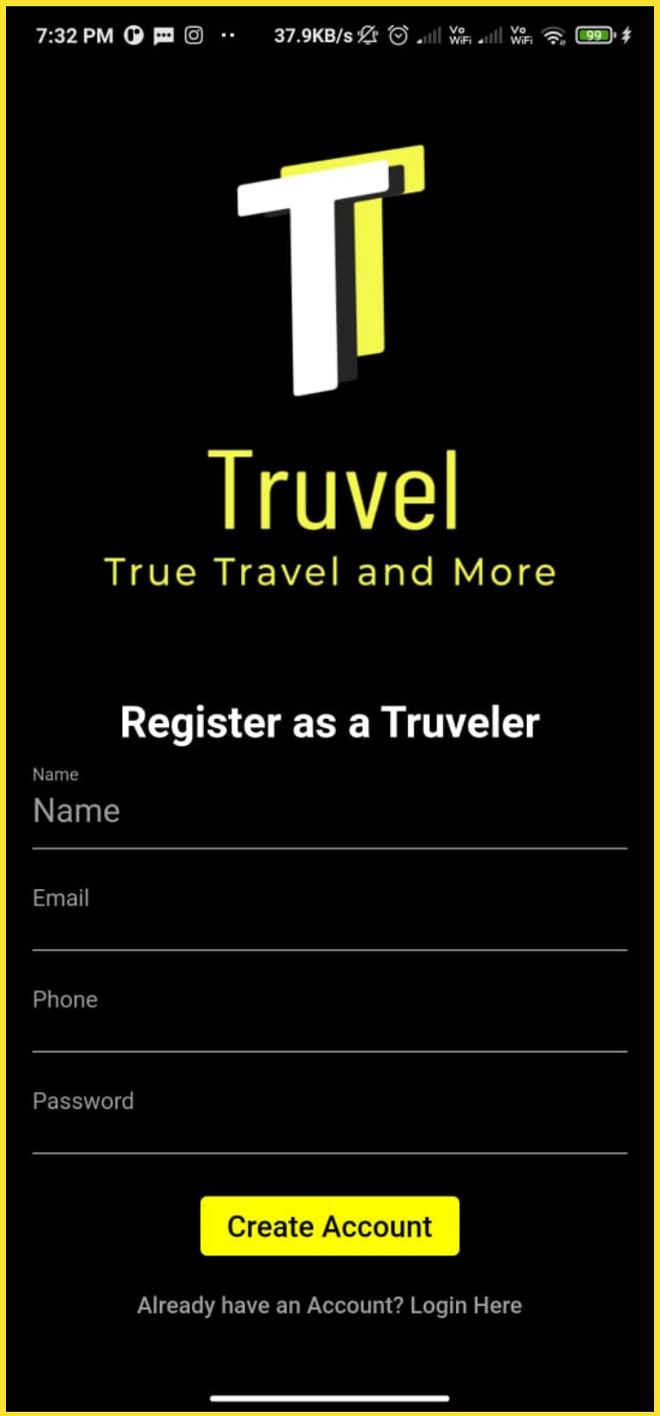
- bikers
  - 1ZBu4OcQSyayjJG7FvjnBtbQfxY2
  - ADSB7oLpynSMfrcmBppJHis18US2
  - FNY5ugK8iwaFAXvcAbAk4eeL23G2
  - LAwwVU0oO9PUyBozej6jtDvyJMn2
    - bike_details
    - email: "gggg@gmail.com"
    - id: "LAwwVU0oO9PUyBozej6jtDvyJMn2"
    - name: "Preetham"
    - phone: "9955588806688"

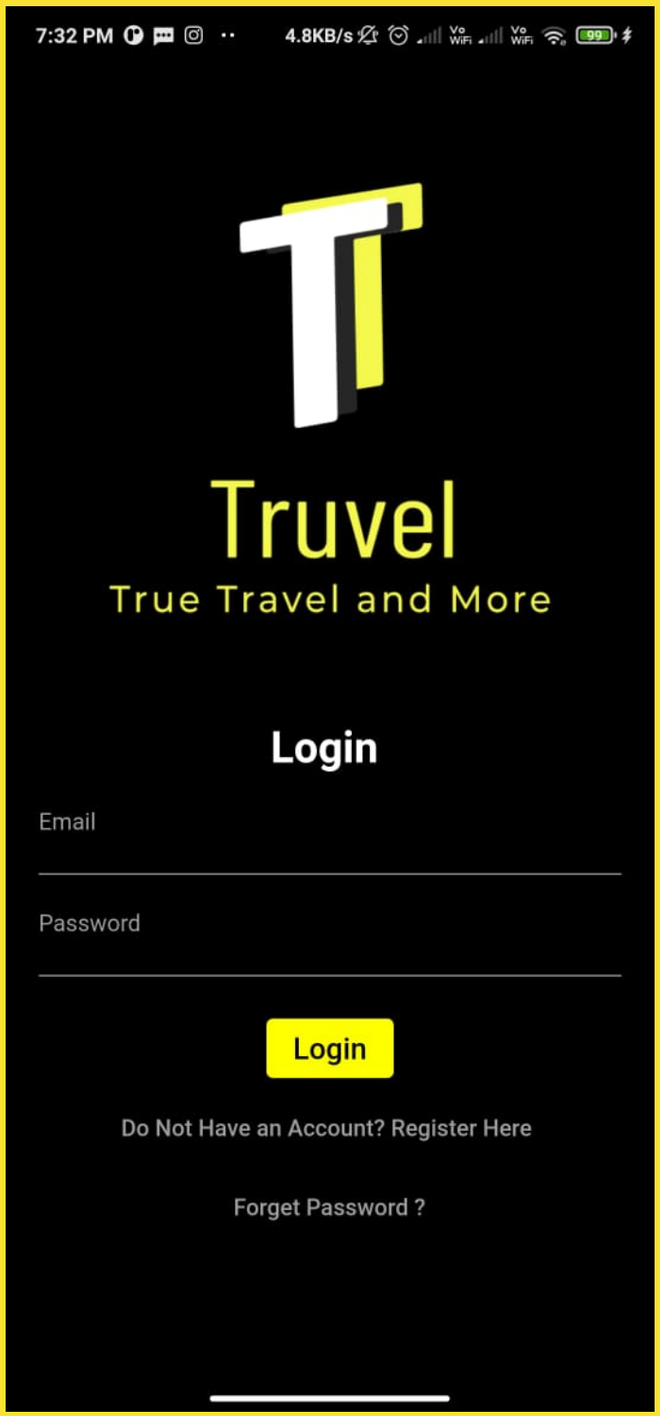
Database location: United States (us-central1)

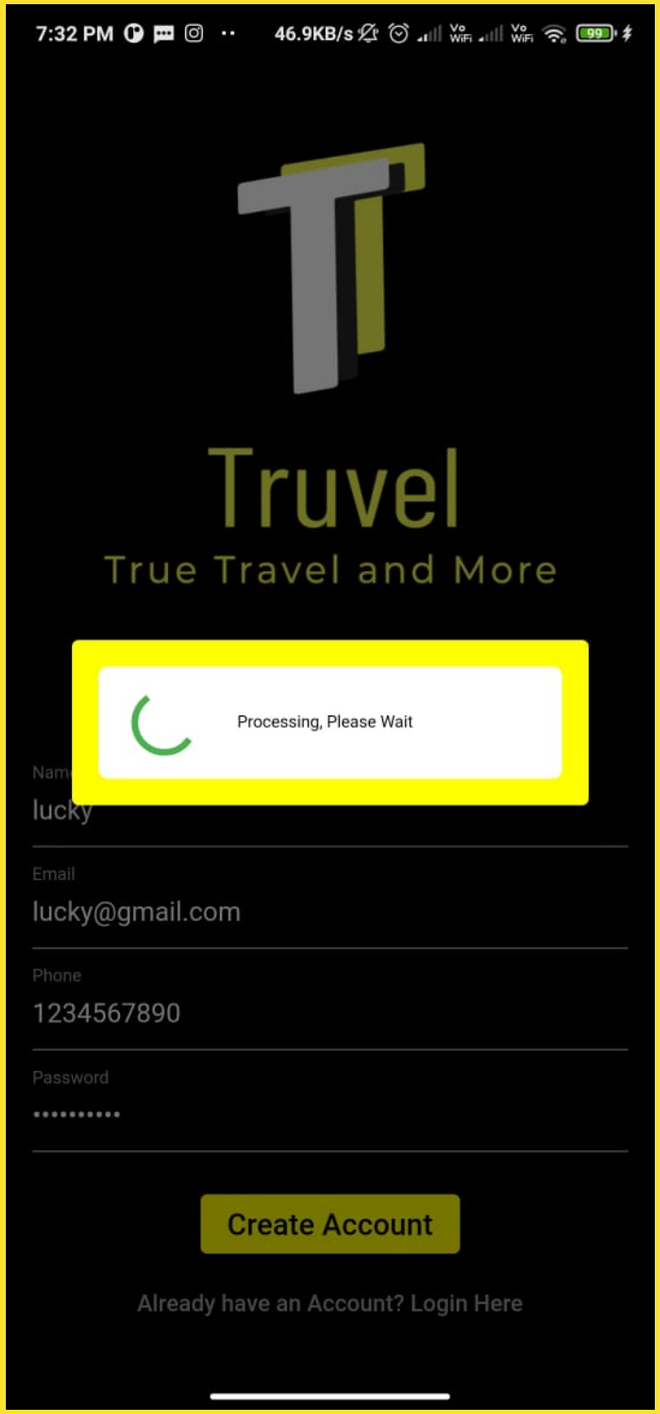
Realtime Database System on FireBase

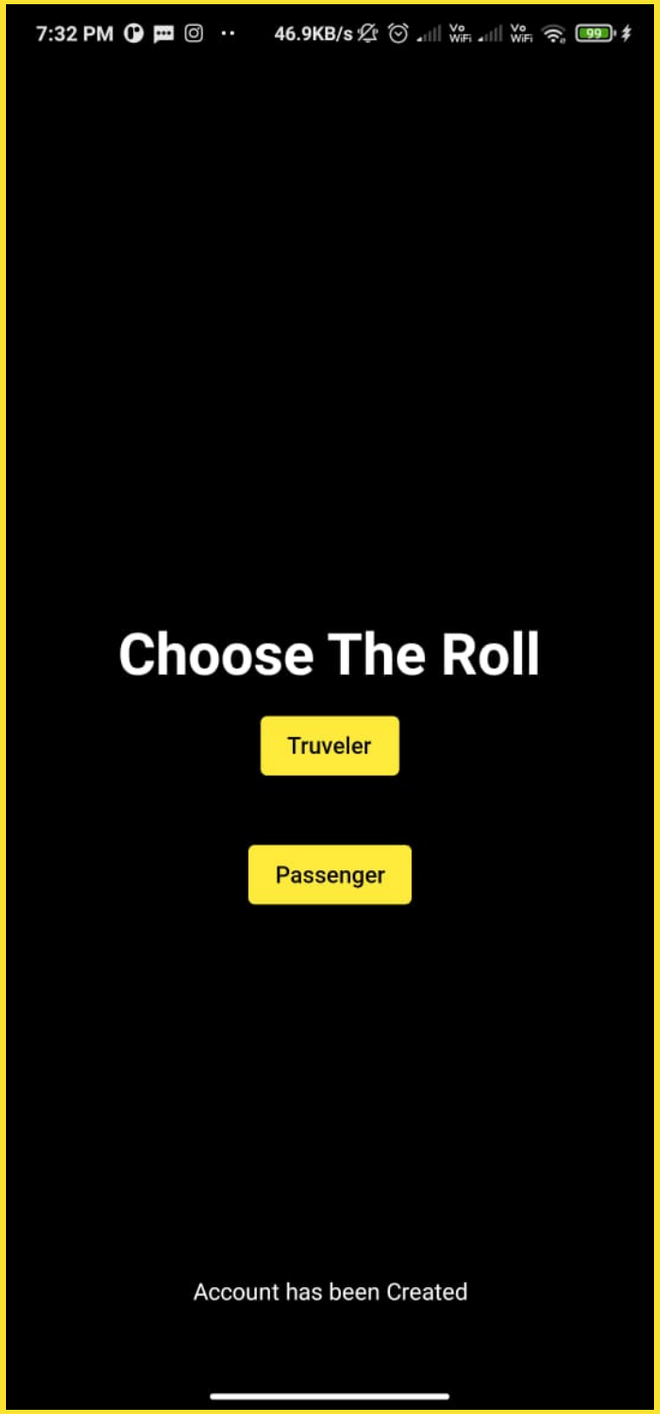


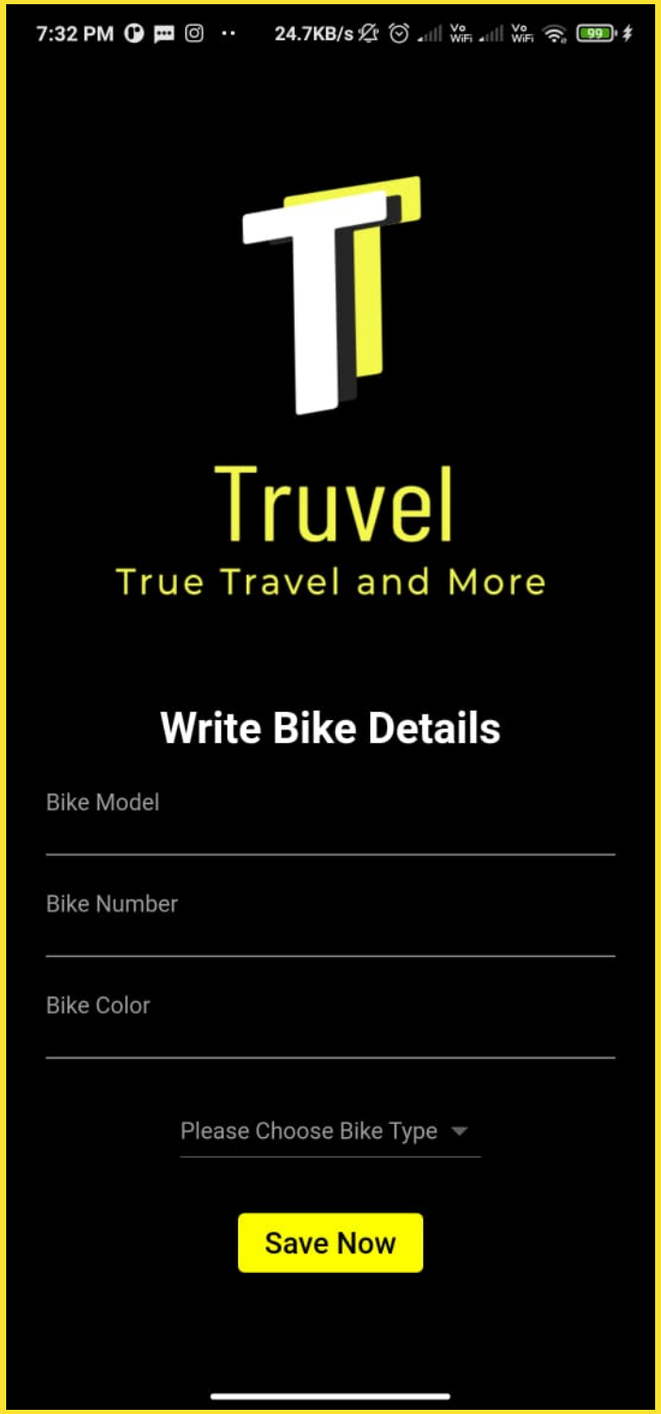
Truvel
True Travel and More


Truvel
True Travel and More
Register as a Traveler
Name
Name
Email
Phone
Password
Create Account
Already have an Account? Login Here


Truvel
True Travel and More
Login
Email
Password
Login
Do Not Have an Account? Register Here
Forget Password ?


7:32 PM
46.9KB/s
Truvel
True Travel and More
Processing, Please Wait
lucky
lucky@gmail.com
1234567890
Create Account
Already have an Account? Login Here


7:32 PM
46.9KB/s
Choose The Roll
Truveler
Passenger
Account has been Created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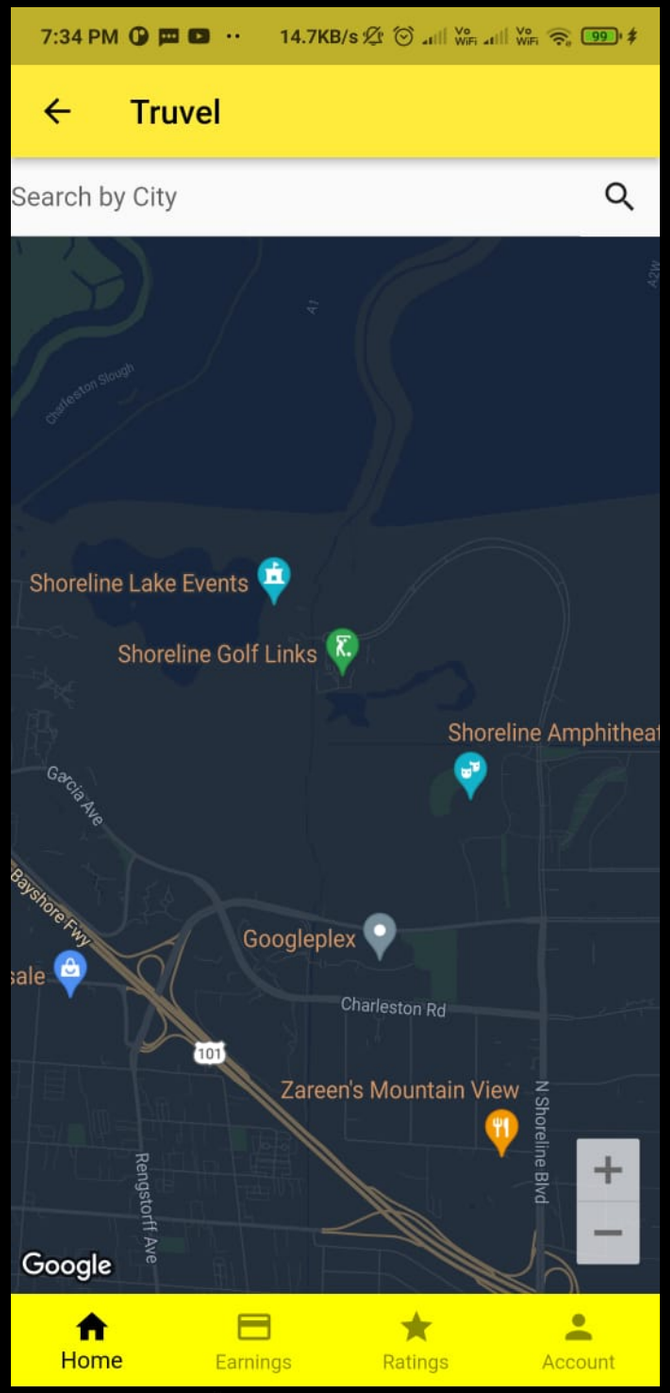
24.7KB/s
Truvel
True Travel and More
Write Bike Details
Bike Model
Bike Number
Bike Color
Please Choose Bike Type
Save Now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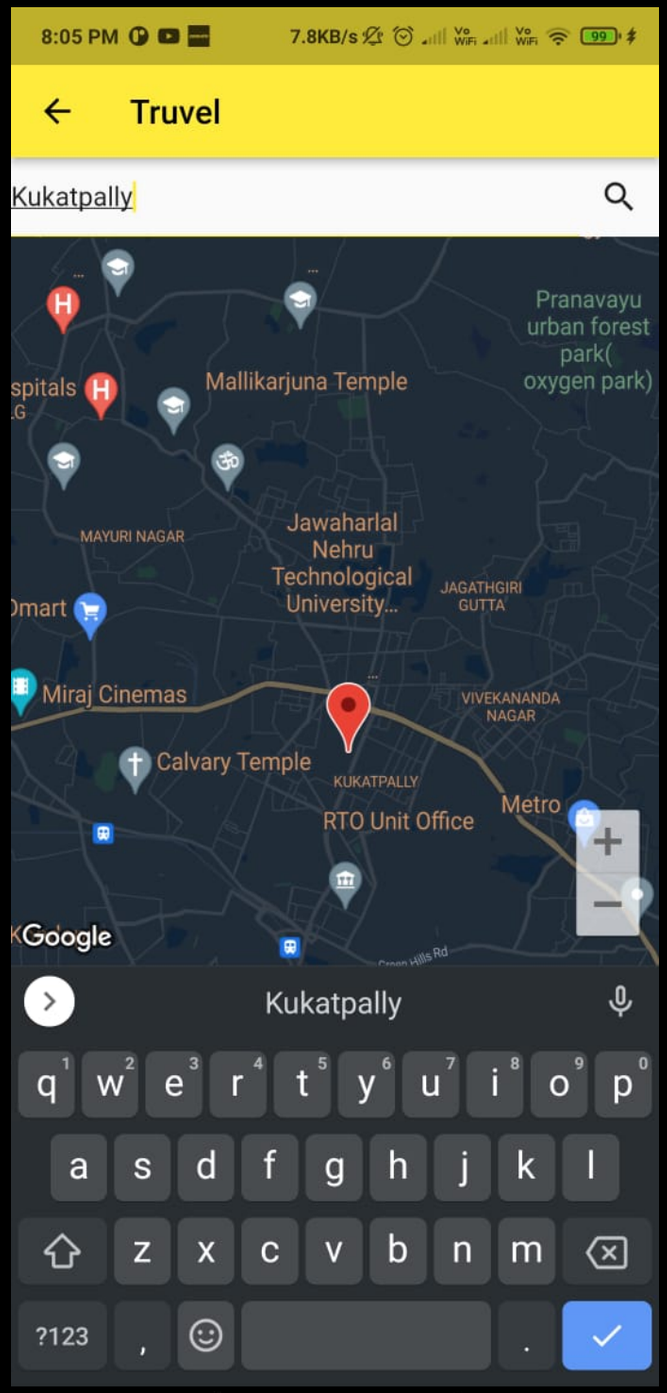
14.7KB/s
Truvel
Search by City
Shoreline Lake Events
Shoreline Golf Links
Shoreline Amphitheat
Garcia Ave
Bayshore Fwy
Googleplex
Charleston Rd
101
Zareen's Mountain View
Rengstorff Ave
N Shoreline Blvd
Google
Home
Earnings
Ratings
Account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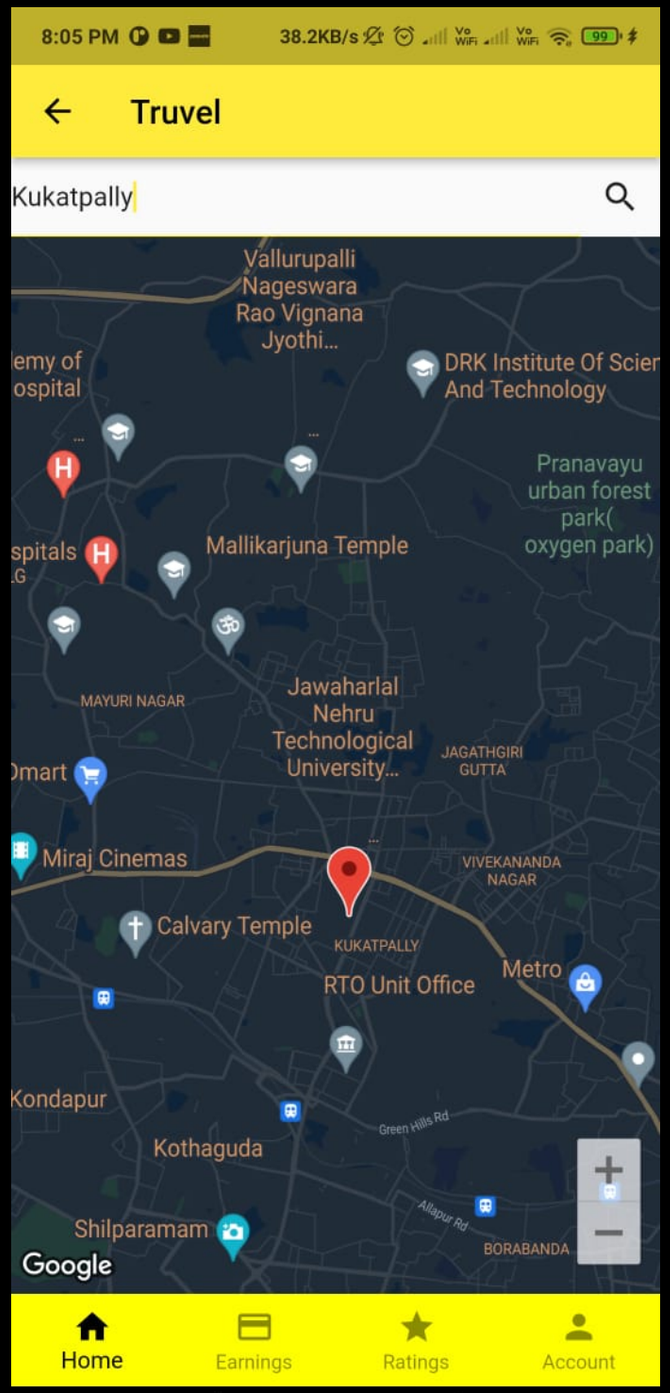
Truvel
Kukatpally
Pranavayu urban forest park(oxygen park)
Mallikarjuna Temple
MAYURI NAGAR
Jawaharlal Nehru Technological University...
JAGATHGIRI GUTTA
Miraj Cinemas
VIVEKANANDA NAGAR
Calvary Temple
KUKATPALLY
RTO Unit Office
Metro
Google
Kukatpally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38.2KB/s
Truvel
Kukatpally
Vallurupalli Nageswara Rao Vignana Jyothi...
DRK Institute Of Scier And Technology
Pranavayu urban forest park(oxygen park)
Mallikarjuna Temple
MAYURI NAGAR
Jawaharlal Nehru Technological University...
JAGATHGIRI GUTTA
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VIVEKANANDA NAGAR
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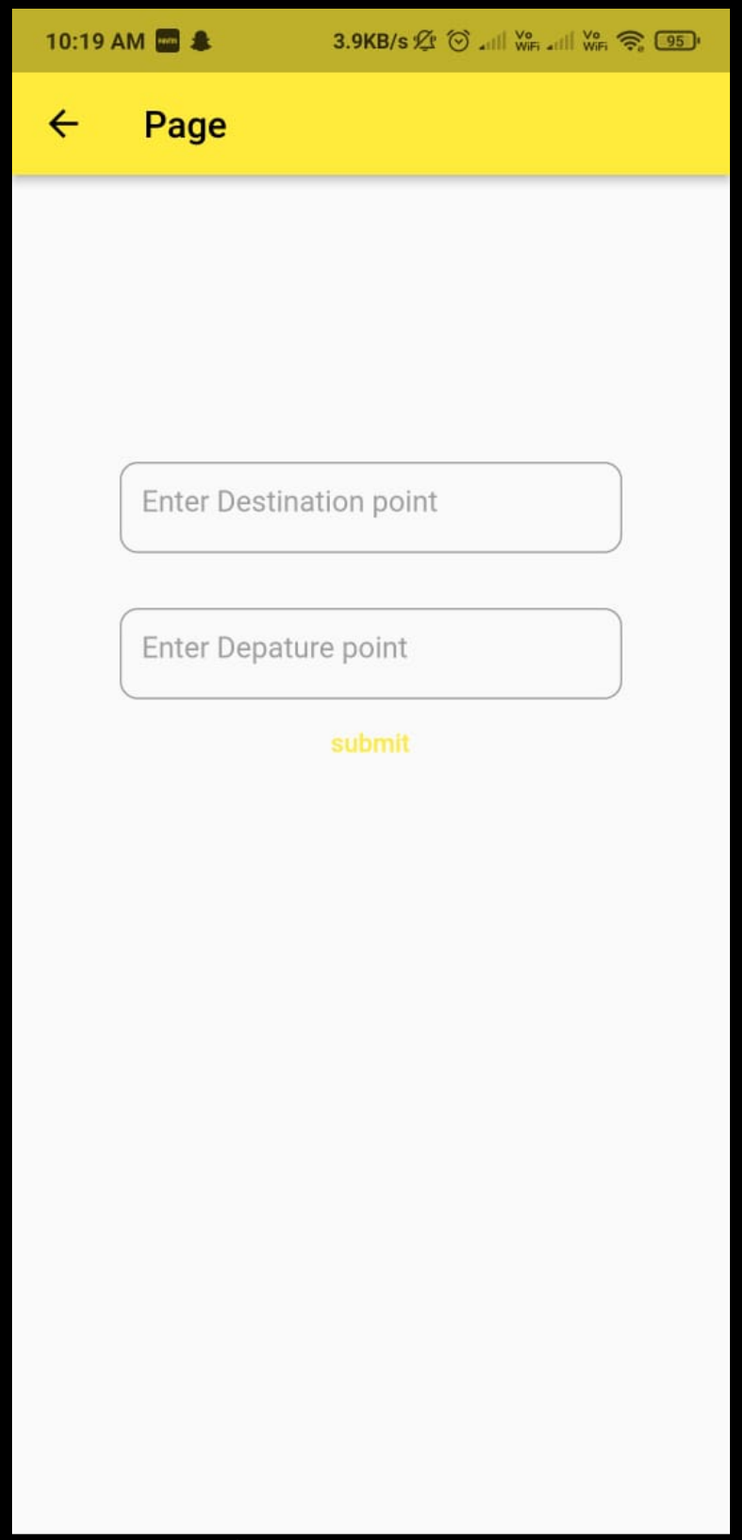
RTO Unit Office
Metro
Kondapur
Kothaguda
Green Hills Rd
Shilparamam
Allapur Rd
BORABANDA
Google
Home
Earnings
Ratings
Account


10:19 AM
3.9KB/s
Page
Enter Destination point
Enter Depature point
submit

Greatly user friendly!

1.Minimalistic Design

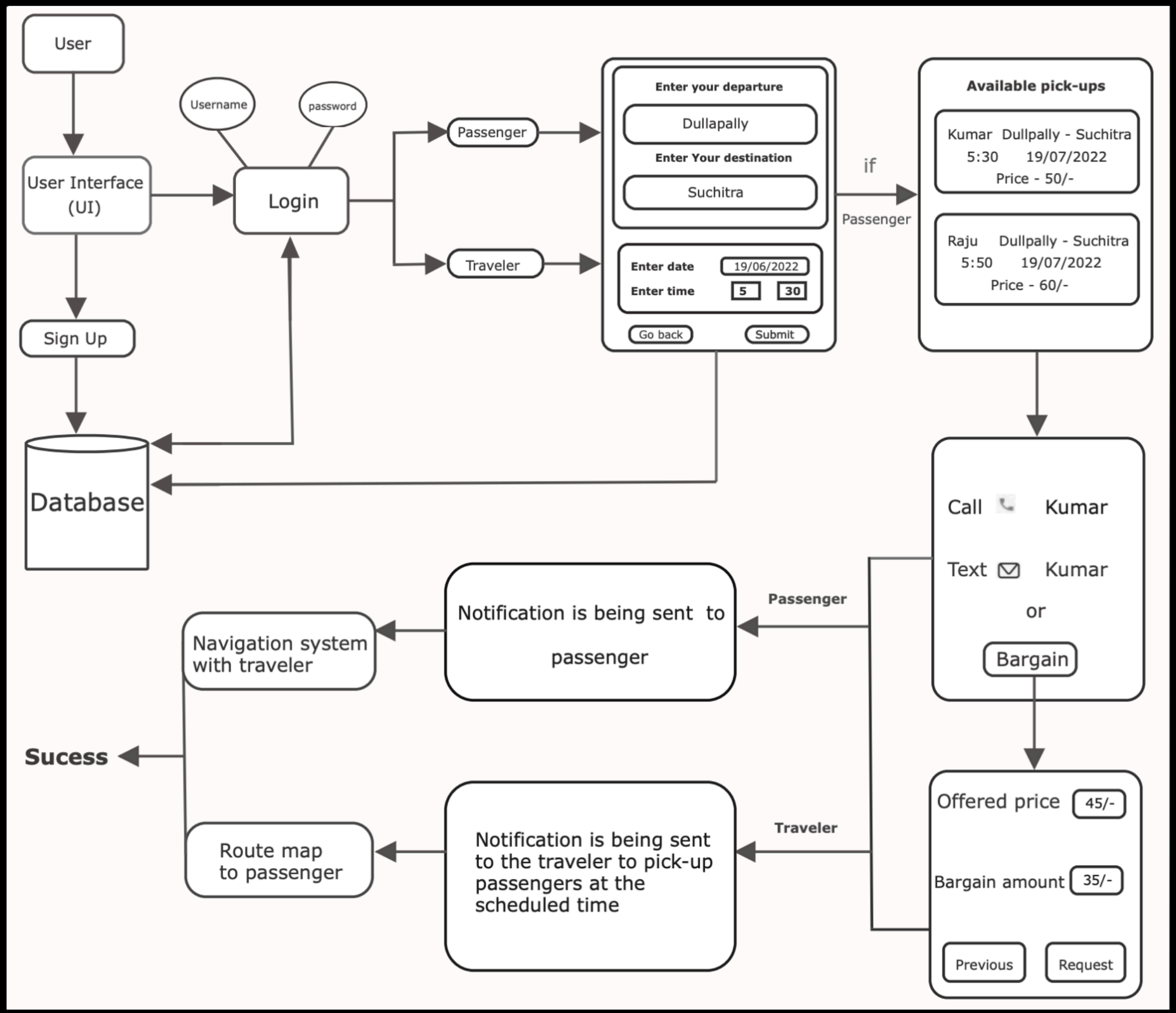
2.User friendly - we have made a good use of navigatorpush

- In a way that it is very common and understandable to any new user

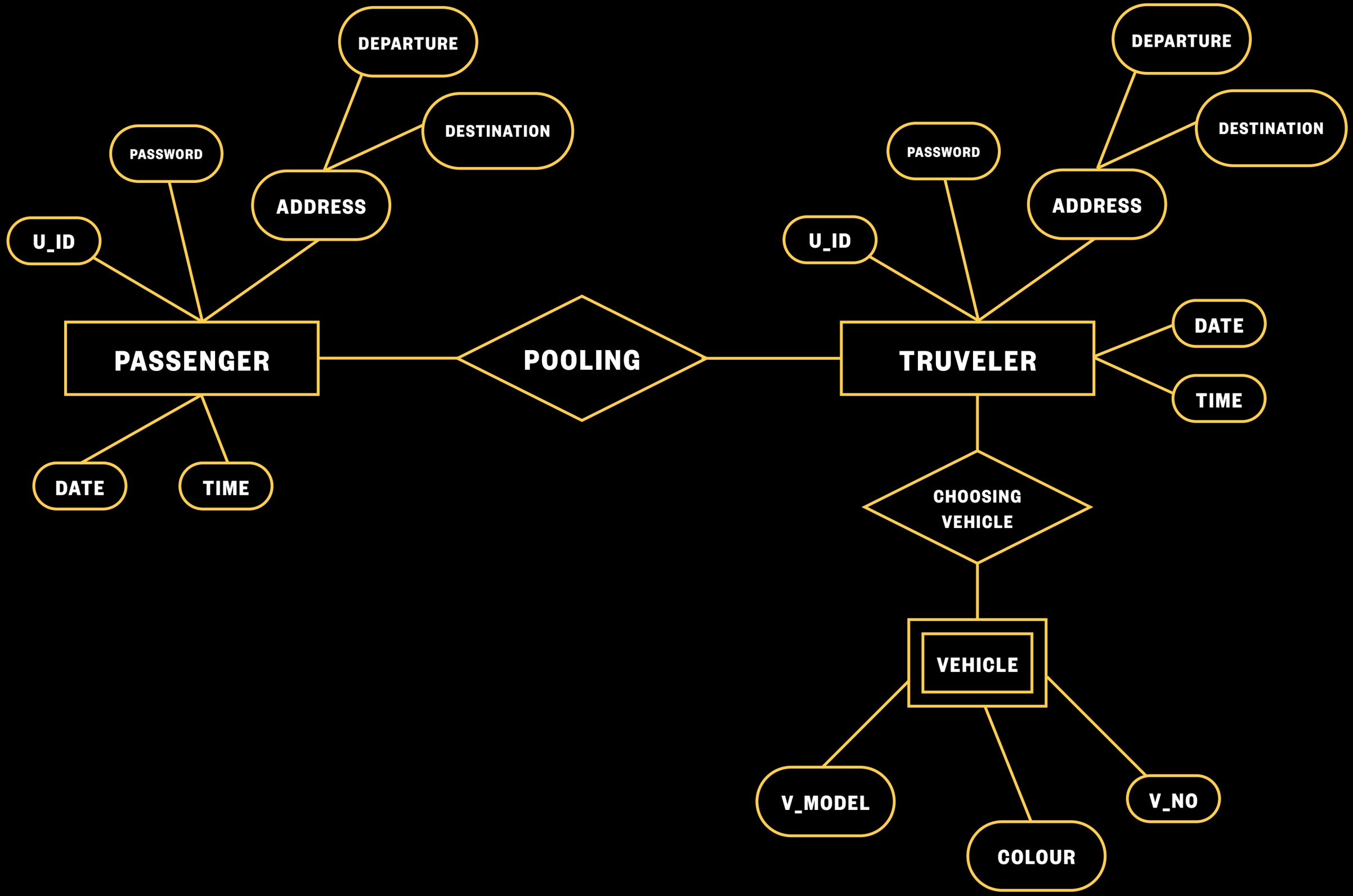
3.The entire Ui system multilingual

- It will be supporting 78 Languages in the near future

App's Architechture



ER Model


DEPARTURE
DESTINATION
PASSWORD
ADDRESS
U_ID
PASSENGER
POOLING
TRUVELER
DEPARTURE
DESTINATION
PASSWORD
ADDRESS
U_ID
DATE
TIME
DATE
TIME
CHOOSING VEHICLE
VEHICLE
V_MODEL
COLOUR
V_NO

1 NF

PASSENGER

U_ID	Password	Departure	Destination	Date	Time
Kumar	www@e2	Kompally	Suchitra	19/06/22	4:10 pm
Ramaleela	qwe@23	Suchitra	Bowenpally	20/06/22	6:50 pm

TRUVELER

U_ID	Password	Departure	Destination	Date	Time
Ashish	AAAaa@e2	Dulapally	Suchitra	19/06/22	4:00 pm
Prety	afewWE@23	Maisammaguda	Bowenpally	20/06/22	7:00 pm

VEHICLE

V_Model	V_Colour	V_No
Activa_6G	Grey	TS08BP0901
Yamaha Fzs	Blue	TS08HQ1200

2 NF

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U_ID	Password	Departure	Destination	Date	Time
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VEHICLE

V_Model	V_Colour	V_No
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Yamaha Fzs	Blue	TS08HQ1200

Use Cases:

- A time attribute is added for the users, which makes the search result more relevent
- Truvel provides vehicle information, such as type of transport, it’s colour and vehicle number
- Truvel helps the users cancel and edit the posted journey
- A review system is followed to manitain the qualitiy of each passenger and the truveler