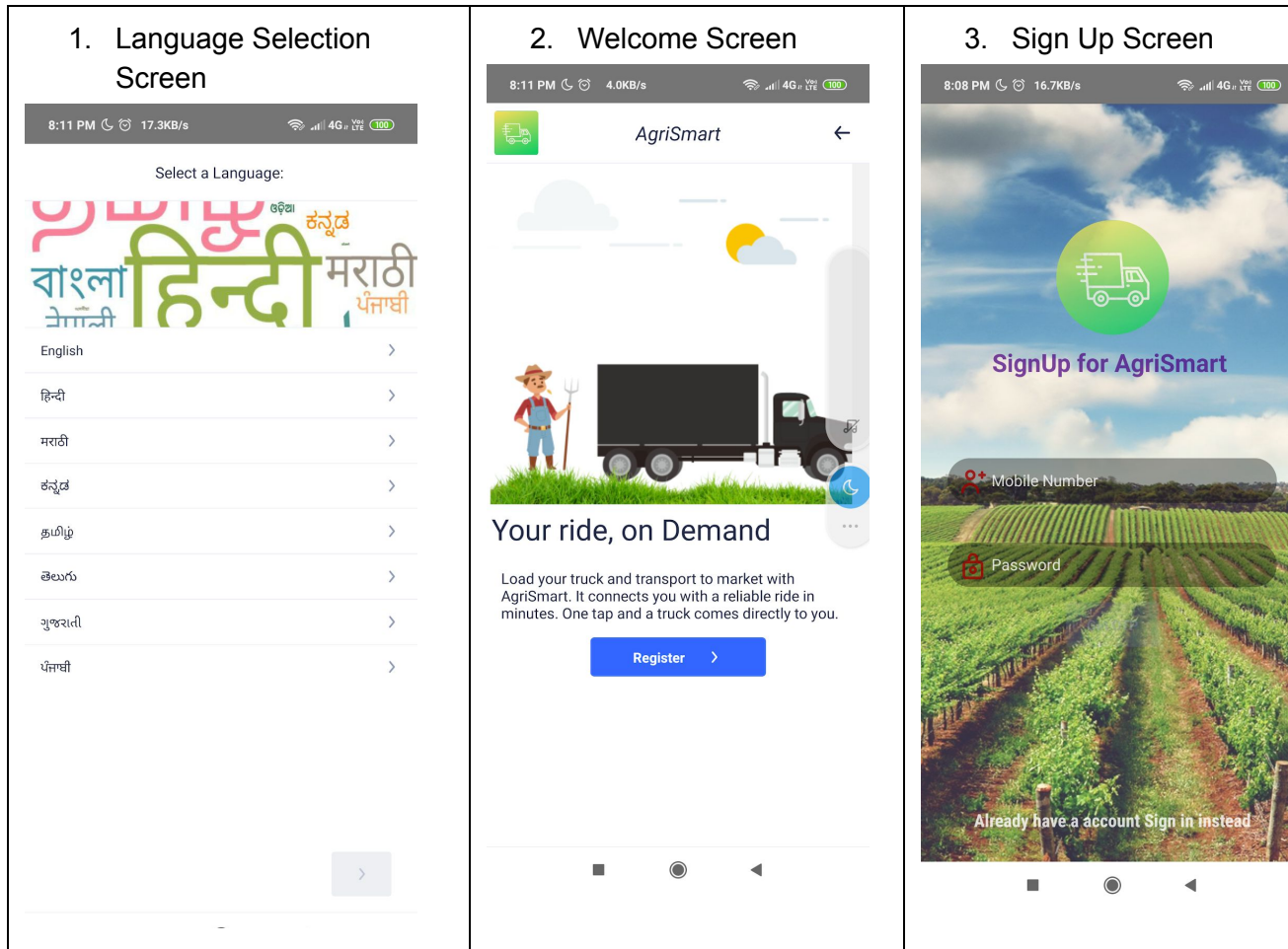
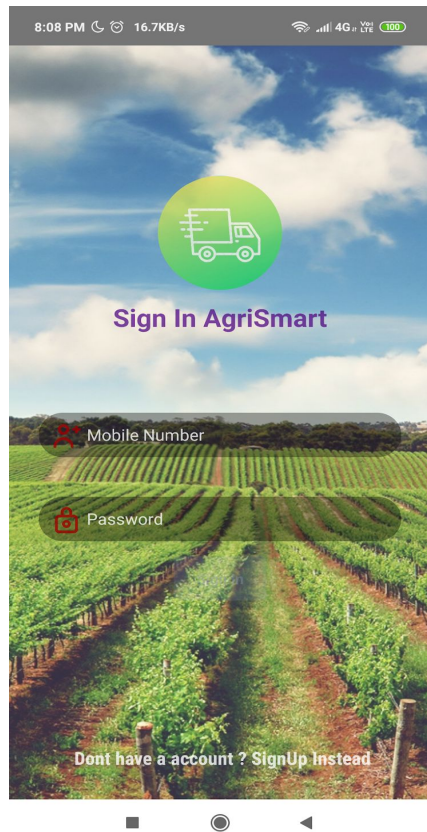


# Day 1 Work by Team Revenger's (PR424)

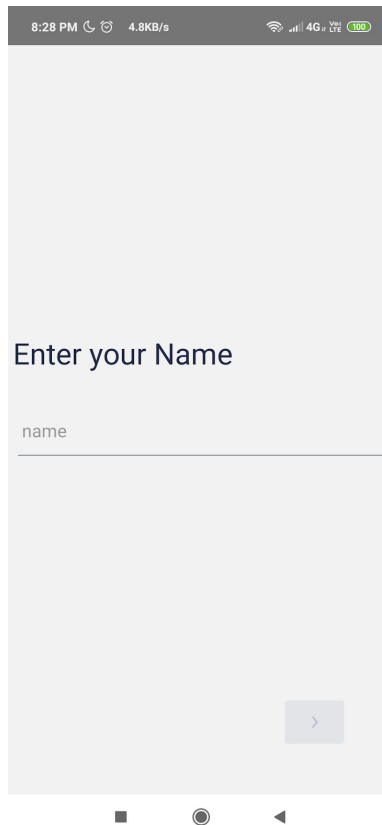
## Screens Implemented:



## Sign In Screen

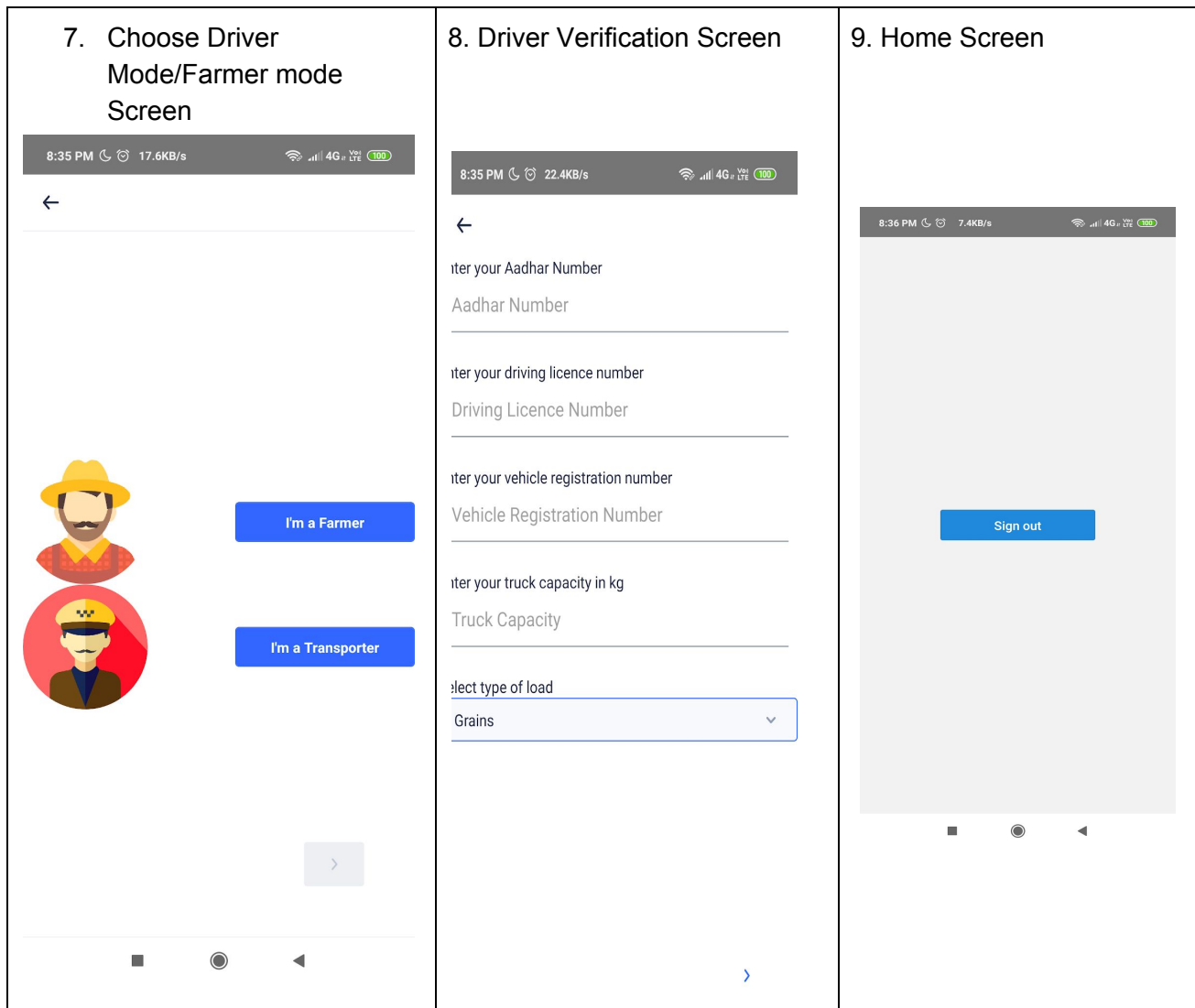


## 5. Input Name Screen



## 6. Upload Profile Pic





### Features Implemented:

1. Login and Sign Up with OTP verification
2. Language Independency (Partial)
3. Dark Mode in progress
4. Researched about how to make our app more scalable.
5. Create booking service, which contains functions like, find nearby farmers or transporter, a brute force pooling approach and dummy data as of now for farmer and transporter.

## Researched topics:

### 1. Tesseract-OCR:

<https://github.com/jonathanpalma/react-native-tesseract-ocr>

We identified that only aadhar card contains QR code, and certain driving licence don't have QR code itself. So instead of using QR code scanner we plan to use OCR features to extract numbers and verify it with numbers provided by the user.

### 2. AWS S3 Bucket:

<https://aws.amazon.com/s3/>

To store images we plan to use AWS s3 bucket that will store images, and generate output as URL. This URL will now be stored in MongoDB.

### 3. TextLocal API:

<https://www.textlocal.in/>

We plan to use TextLocal API to provide SMS for OTP verification. They give 10 sms for free account, which can be further scaled based on plans.

### 4. TomTom Developers:

<https://developer.tomtom.com/>

TomTom Developers offers 2500 free transactions per day on all the APIs. And unlimited Maps and Traffic display when using our Mobile Maps SDKs. So, we plan to use it's Fuzzy Search and Routing API.

On the other hand Google Maps API just offers Maps SDK as free. For rest it charges \$5 per 1000 request, which doesn't meet scalability criteria at our needs.