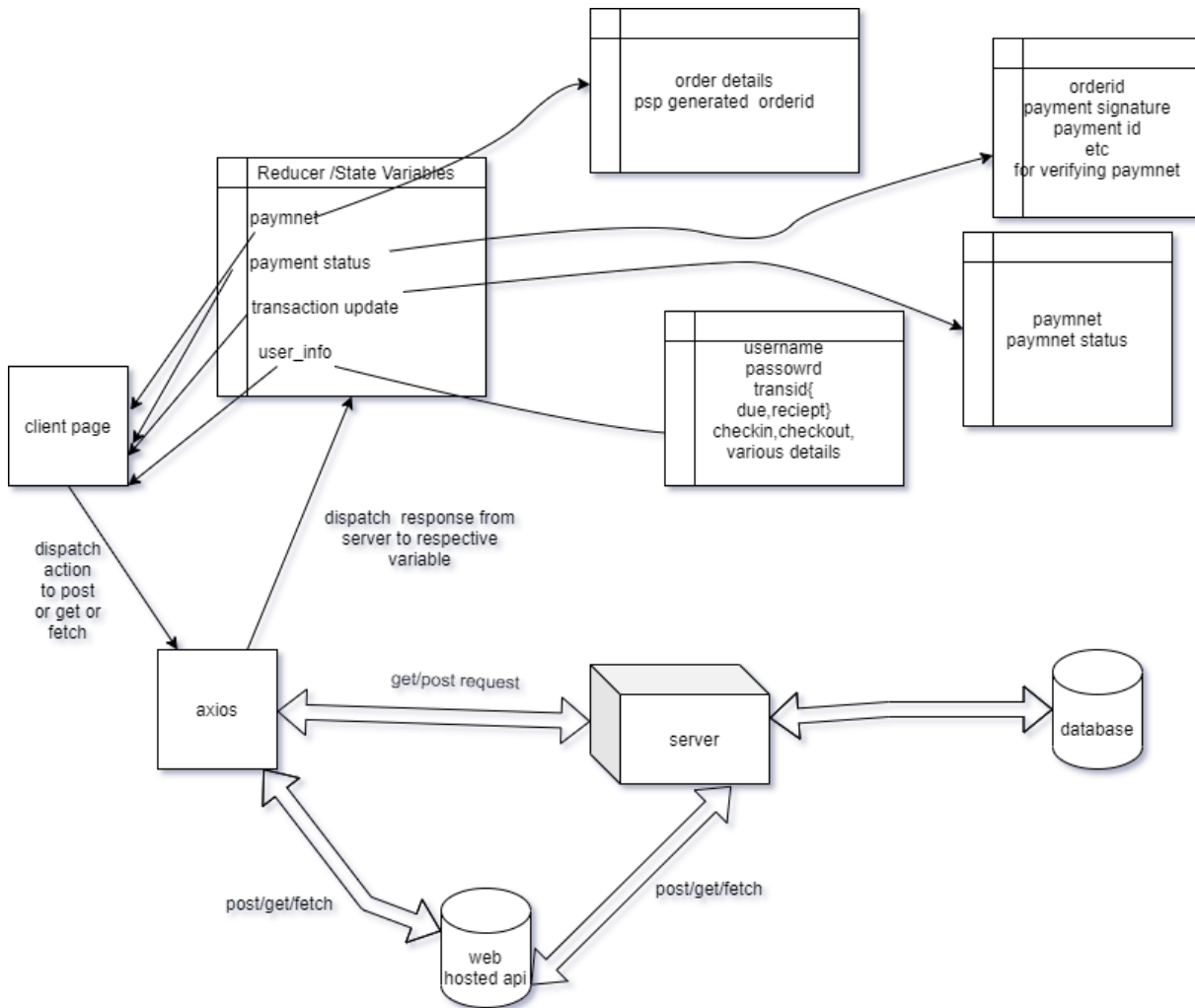📖 **Readme.md**

Documentation

for setup `npm i` in root and client folder
run `npm run dev` in terminal

How a user is connecting to the server and databse

Client Side

- Actions - contains all the dispatch functions for post/get/fetch
- Reducers - contains all the global redux variable
- Components - All the user intractive pages
- Functional - Functions and Pages to complement Component Pages
- App.tsx - All the routes for the user navigation are defined
- index.js - The main file combining all the aboves

Server Side

- Routes - All the backends routes and which function to call on a request is also defined
- Controllers - The function which has to execute on a request call is defined.

- Passport - All the passport related strategy are defined
- Models - All schemas for a document are defined
- Config - All enviornmental variables are handeled.
- index.js - The main file combining every file

Whenever a user make a request from a page,the request is dispatched to actions page containing functions on how to handle to data. It then make a call to either backend server or any other api on distant server.After getting the response it dispatches the reponse to a reducer which updates a particular variable where the specific data has to be stored.The client page can now get access to the variable when ever an wherever and also other pages.

For logging passport module has been used as it provides easy authentication method and de-authentication method.

- Upi Payment is done with giving user chance to pay 30% upfront if checkin date is after 7 days.
- Remaning/Pending amount is also handled , user can pay the remaning and database is also updated accordingly.
- NO hotel table was made therefore room date is not locked.
- Login is setup / Register method is also done .
- Simple service-worker has been set.