Web Project Idea

User:

1. User
2. Admin
3. Station Master
4. Train driver/master
5. Route Master

Description:

Metro Automate System. User login in his account, then buy ticket, payment online, sit is allocated. After purchasing a ticket, they will get a QR code, this will be the key to entry of the station. Without that no one is allow in the station. The station master, train master will show those in runtime, route master can monitor the traffic and stat data. User can buy 2 type ticket like go and return max 2 people. User will see the empty sits in run time just logging to his account. Route and station master will update the station and train position in the app. Train master will see the stoppage of the passenger. If he saw no passenger will stop in next station then he skips the station. It saves the time.

Sign up(user):

1. Name
2. Phone number
3. NID/BC
4. Address (city, village, road etc)
5. Age
6. Blood group
7. Date of birth
8. Nationality
9. Occupation
10. Email
11. Password
12. Major health issue

Sign up(admin):

1. Name
2. Phone number
3. NID
4. Address (city, village, road etc)
5. Age
6. Blood group
7. Date of birth
8. Nationality
9. Employee id
10. Email
11. Password

Sign up (station master):

1. Name
2. Phone number
3. NID
4. Address (city, village, road etc)
5. Age
6. Blood group
7. Date of birth
8. Nationality
9. Employee id
10. Email
11. station name
12. Password

Sign up (train master/driver):

1. Name
2. Phone number
3. NID
4. Address (city, village, road etc)
5. Age
6. Blood group
7. Date of birth
8. Nationality
9. Employee id
10. Email
11. Route name (start and end)
12. Password

Sign up (route master):

1. Name
2. Phone number
3. NID
4. Address (city, village, road etc)
5. Age
6. Blood group
7. Date of birth
8. Nationality
9. Employee id
10. Email
11. Route name (selected one)
12. Password

Login

* User type login (all type)
* Email
* Password
* Login button
* Forget password button
* Sign Up or Create new User button

#User View

Home page

* Menu bar
  + Home
  + Dashboard
  + Route
  + Contact/Emergency
  + Fair chart
  + Logout

Dashboard

* User Profile info
  + User info
* Change Info
  + Update info
* Purchase Ticket
  + train and time
  + Available sit
  + Purchase
  + QR generate
* Purchase
* Payment
* Journey History
  + Previous journey (table view)
  + Upcoming journey (table view)
* Train Schedule
  + Schedule
* Payment History
  + History
* QR code
  + QR code per purchase

Route

* Available route and live train update

Fair chart

* Fair chart
* Location wise fair chart
* “From” to “To” type chart

Contact /Emergency

* Emergence type,
* message,
* train name,
* station name.

#Admin View

Home page

* Menu bar
  + Home
  + Dashboard
  + Logout

Admin Dashboard

* Insertion Type
  + Add User
  + Add Station Master
  + Add Train Master
  + Add Route Master
* Delete User
* Update User
* Update info
* Update Route
* Update Sit
* Update Fair
* Update Train info

#Station Master View

Home page

* Menu bar
  + Home
  + Dashboard
  + Logout

Station Master Dashboard

* View Train location
* Sit info
* Next signal
* Next stoppage
* Admin Message
* Emergency Message

#Train Master/Driver View

Home page

* Menu bar
  + Home
  + Dashboard
  + Logout

Station Master Dashboard

* View Train location (station base)
* Sit info
* Signal
* Next stoppage
* Admin Message
* Emergency Message

#Route Master View

Home page

* Menu bar
  + Home
  + Dashboard
  + Logout

Route Master Dashboard

* View Train location (route base)
* Signal
* Stoppage
* Admin Message
* Emergency Message
* Station Message

**FORMS:**

user

1. Signup
2. Login
3. Update info
4. Purchase ticket
5. Payment
6. Emergency

Admin

1. Add User page
2. Add Station Master page
3. Add Train Master page
4. Add Route Master page
5. Update User page
6. Update info
7. {Update Route, sit, fair
8. Update Sit
9. Update Fair}
10. Update Train info
11. Emergency

Station master

1. Admin Message
2. Emergency Message

Train master

1. Admin Message
2. Emergency Message

Route master

1. Admin Message
2. Emergency Message