**Login Module:**

We need a login module for three different groups here.

1. User login
2. Merchant login
3. Admin login
4. User Login

User would be able to signup with below details.

1. First name
2. Last name
3. Email
4. Country
5. Phone number
6. Password
7. Confirm Password

Or they can use Facebook or Google for signing up. We have to extract all above information if they use Facebook or Google.

Once signup is done, we have to send separate OTP to SMS and Mail to confirm their Phone number and Email respectively.

Login is possible with Email / Phone number later.

1. Merchant login

Merchant would be able to signup with below details.

1. Business name
2. Email
3. Country
4. Phone number
5. Password
6. Confirm Password

Or they can use Facebook or Google for signing up. We have to extract all above information if they use Facebook or Google.

Once signup is done, we have to send separate OTP to SMS and Mail to confirm their Phone number and Email respectively.

Login is possible with Email / Phone number later.

1. Admin login

No sign-up required for Admin for now as it will be created by us inflight. We will create two Admin users, one for our testing and one for live.

**Table design for User login:**

1. user\_id - number of size 24 auto increment
2. first\_name - char of size 128
3. last\_name - char of size 128
4. email - char of size 256
5. phone\_number - number of size 16
6. encrypted\_password - char of size 256
7. email\_otp - char of size 8
8. phone\_number\_otp - char of size 8
9. email\_verified - bool
10. phone\_nunber\_verified - bool
11. login\_status - bool
12. last\_login\_time - timestamp
13. is\_social\_login - bool
14. social\_login\_partner - enum(“GOOGLE”,”FACEBOOK”)
15. social\_login\_id - char of size 256

**Table design for Merchant login:**

1. merchant\_id - number of size 24 auto increment
2. merchant\_email - char of size 256
3. encrypted\_password - char of size 256
4. email\_otp - char of size 8
5. email\_verified - bool
6. login\_status - bool
7. last\_login\_time - timestamp

**Table design for Admin login:**

1. admin\_id - number of size 24 auto increment
2. admin\_login\_name - char of size 32
3. encrypted\_password - char of size 256
4. admin\_login\_status - bool
5. last\_login\_time - timestamp

**Required API’s:**

1. User Signup
2. User Login
3. User Profile view
4. User Profile update
5. User Change password
6. User Forgot password
7. User logout
8. Merchant Signup
9. Merchant Login
10. Merchant Profile view
11. Merchant Profile update
12. Merchant Change password
13. Merchant Forgot password
14. Merchant logout
15. Admin Login
16. Admin Change password
17. Admin logout