**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 256
3. last\_name - char of size 256
4. email - char of size 1024
5. phone\_number - number of size 10
6. encrypted\_password - char of size 2048
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 - number of size 24
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 1024
3. encrypted\_password - char of size 2048
4. email\_otp - char of size 8
5. email\_verified - bool
6. login\_status - bool
7. last\_login\_time - number of size 24

**Table design for Admin login:**

1. admin\_id - number of size 24 auto increment
2. admin\_login\_name - char of size 256
3. encrypted\_password - char of size 2048
4. admin\_login\_status - bool
5. last\_login\_time - number of size 24

**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. Merchant Signup
8. Merchant Login
9. Merchant Profile view
10. Merchant Profile update
11. Merchant Change password
12. Merchant Forgot password
13. Admin Login
14. Admin Change password