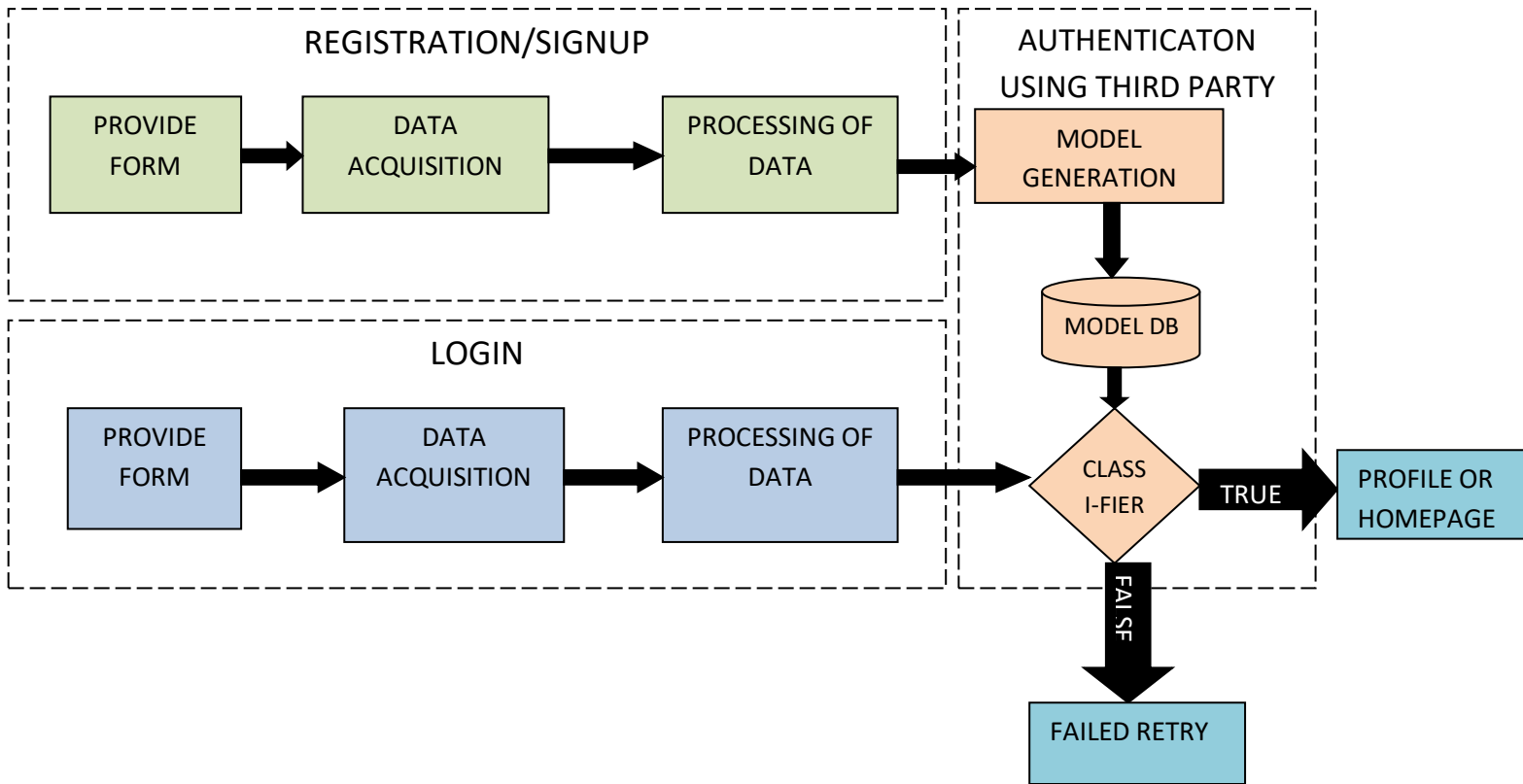
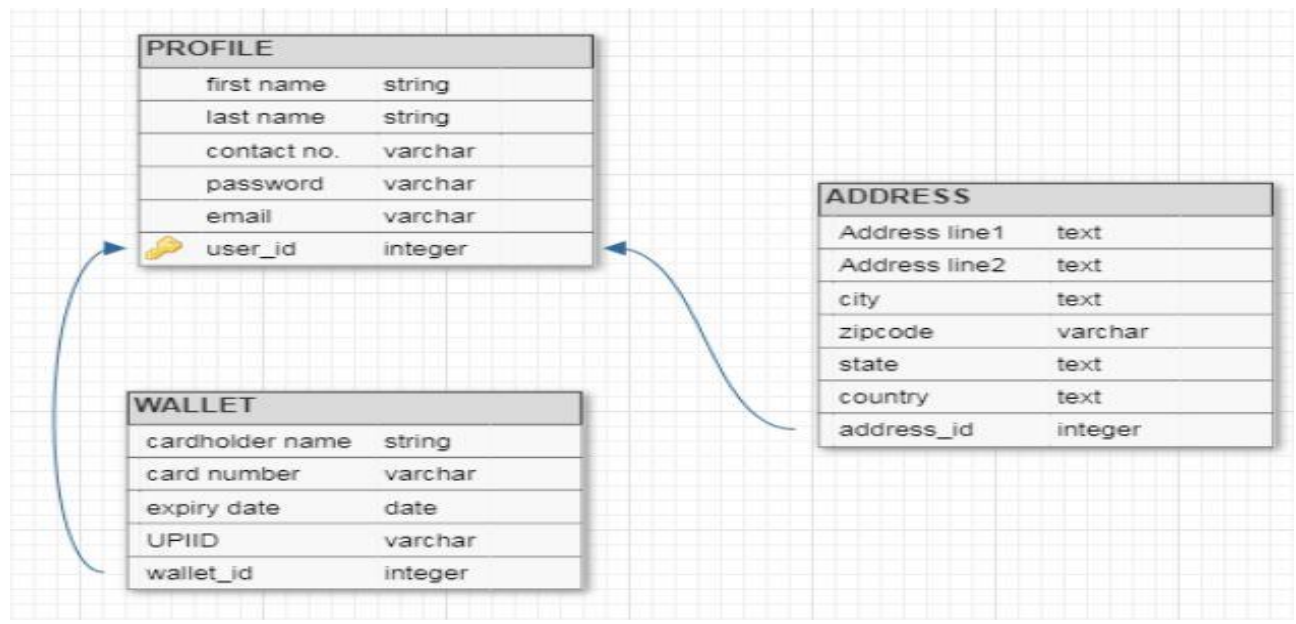


DATA FLOW MODEL



DATA MODEL



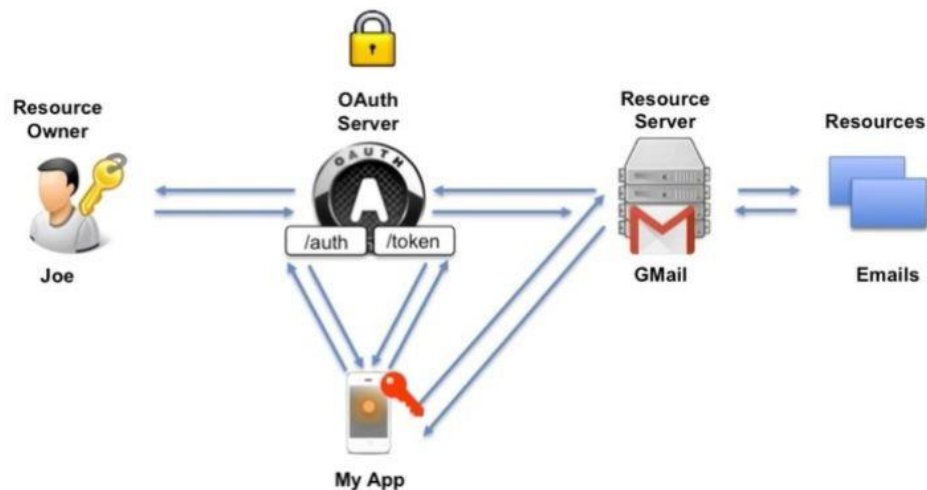
The profile includes the signup/login details as well.

SECURITY BASED RESEARCH

We will be using OAuth2.0 as the third party service for authorization purpose by Google.

Few of the links referred:

- <https://developers.google.com/identity/protocols/oauth2>
- <https://developers.google.com/gmail/api/auth/about/auth>
- <https://oauth.net/2/>
- <https://www.youtube.com/watch?v=fxRXLbgX53A&feature=youtu.be>
- <https://developer.okta.com/blog/2019/03/12/oauth2-spring-security-guide>



We will be implementing the resource owner password credential flow.

CASSANDRA QUERIES

As of now just created the table inserted data and tried updating the data already inserted by pulling the image of Cassandra using docker.