Part 1 - Create a simple user management and authentication system

Login Endpoint: POST <http://localhost:5000/api/users/login>

{"email": "admintest@yahoo.com", "password": "pythontest1"}

List all Users: GET <http://localhost:5000/api/users>

Create New User: POST <http://localhost:5000/api/users/newuser>

{"name": "testuser1", "password": "testpass1", "email": "testuser1@yahoo.com"}

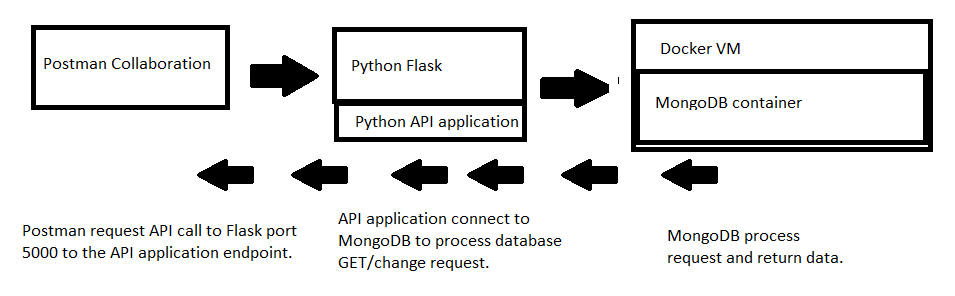
Change Password: POST <http://localhost:5000/api/users/changepassword>

{"email": " testuser1@yahoo.com ", "newpassword": "change1"}

Delete user: POST <http://localhost:5000/api/users/deleteuser>

{"email": "testuser1@yahoo.com"}

Logout: GET <http://localhost:5000/api/users/logout>



Part 2 - Architectural Analysis

Docker Swarm – for smaller resources.

Kubernetes – for much bigger and complex architecture.

