**User Manual**

**(For localhost):-**

For backend-

1. Eureka Server-> Firstly we start the eureka server.

* Go to the main class (EurekaDiscoveryServerApplication) of this application.
* Run it as a java application.
* You can see the running application on a particular port 8761 on console.

1. Main Microservice-> Then start the main microservice.

* Go to the main class (MainServiceApplication) of this microservice.
* Run it as a java application.
* You can see the running application on a particular port 8083 on console.

1. Post Microservice-> Then you can start the post microservice.

* Go to the main class (PostServiceAppplication) of this microservice.
* Run it as a java application.
* You can see the running application on a particular port 8082 on console.

1. Follow microservice-> Then you can start the follow microservice.

* Go to the main class (FollowServiceApplication) of this microservice.
* Run it as a java application.
* You can see the running application on a particular port 8081 on console.

1. Chat microservice-> Then start the chat microservice.

* Go to the main class (ChatServiceApplication) of this microservice.
* Run it as a java application.
* You can see the running application on a particular port on 8083 console.

1. Admin microservice-> For admin related task you have to start this microservice.

* Go to the main class (AdminReportApplication) of this microservice.
* Run it as a java application.
* You can see the running application on a particular port 8085 on console.

For Frontend-

For frontend we have the friendbook-frontend-main folder, to run that we have to do the following things-

* Firstly you have to write the command **npm install,** so it willdownload all the node modules**.**
* You have to write the command **npm start,** it will start yourfrontend application**.**
* After that your application will be started on port 4200.

**(For Aws Deployment):-**

1. Eureka server-> for deploying this server on cloud, we’ve to do following things-

* Open the elastic beanstalk.
* Create an environment.
* Name the environment.
* Do configurations and add server port as 5000.
* Once the environment will be created, deploy the jar file of the application.
* Once deployed, you can see that through the link.

1. Main Microservice-> for deploying this microservice on cloud, we’ve to do following things-

* Open the elastic beanstalk.
* Create an environment.
* Name the environment.
* Do configurations and add server port as 5000.
* Once the environment will be created, deploy the jar file of the application.
* Once deployed, you can see that through the link.
* You will be able to see this running microservice on the eureka server as well.

1. Post Microservice-> for deploying this microservice on cloud, we’ve to do following things-

* Open the elastic beanstalk.
* Create an environment.
* Name the environment.
* Do configurations and add server port as 5000.
* Once the environment will be created, deploy the jar file of the application.
* Once deployed, you can see that through the link.
* You will be able to see this running microservice on the eureka server as well.

1. Chat Microservice-> for deploying this microservice on cloud, we’ve to do following things-

* Open the elastic beanstalk.
* Create an environment.
* Name the environment.
* Do configurations and add server port as 5000.
* Once the environment will be created, deploy the jar file of the application.
* Once deployed, you can see that through the link.
* You will be able to see this running microservice on the eureka server as well.

1. Follow Microservice-> for deploying this microservice on cloud, we’ve to do following things-

* Open the elastic beanstalk.
* Create an environment.
* Name the environment.
* Do configurations and add server port as 5000.
* Once the environment will be created, deploy the jar file of the application.
* Once deployed, you can see that through the link.
* You will be able to see this running microservice on the eureka server as well.

1. Admin Microservice-> for deploying this microservice on cloud, we’ve to do following things-

* Open the elastic beanstalk.
* Create an environment.
* Name the environment.
* Do configurations and add server port as 5000.
* Once the environment will be created, deploy the jar file of the application.
* Once deployed, you can see that through the link.
* You will be able to see this running microservice on the eureka server as well.