**Run Instructions**

I have used Eclipse Mars and glassfish 4.

There are two projects one is HATEOASAppealServer and HATEOASAppealClient.

1. Import the HATEOASAppealServer as maven project in to the Eclipse and do Maven Update Project.
2. Please use JDK8 as run time environment and Run the application on the server.
3. Import the HATEOASAppealClient as maven project in to the Eclipse and do Maven Update Project.
4. Run the Main. Java file as a java application.
5. Please use the port number as 8080 or change as per your server port number
6. End Point URI: <http://localhost:8080/HATEOASAppealServer/webresources/appeal>
7. In the console u will see the output for all the required cases.

**STATES**

CREATED: This is the initial state when the student is about to create a new appeal.

SUBMITTED: This is the state at the server end when the student created an appeal.

ABANDONED: This is the state achieved when student deleted the appeal.

**From here onwards the student will don’t have any privileges to change the states of an appeal and the professor will have all the required permissions**

INPROCESS: This is the state achieved when professor moved the appeal in to in process

APPROVED: This is state achieved when professor approves the appeal

DECLINED: This is state achieved when professor declines the appeal

CLOSED: This is state achieved when professor closes the appeal

**Fig1: State Transition diagram for an appeal resource** C:\Users\Bhanu Teja\Downloads\StateTransitionAppeal.png

**Fig1: HTTP Requests diagram for an appeal resource C:\Users\Bhanu Teja\Downloads\HTTPRequestsAppeal.png**