ASSIGNMENT-3

HYPERMEDIA SERVICES

# REQUEST MAPPING:

Gradebook URI = http://localhost:8080/HATEOAS-Appeals-dmisra2-NetBeans-Server-2

Follow Up

<gradebook URI>/webapi/appeal/followup/1234

PUT

Submit Appeal

<gradebook URI>/webapi/appeal/submitappeal/1234

PUT

<gradebook URI>/webapi/appeal/updateappeal/1234

Delete Appeal

<gradebook URI>/webapi/appeal/deleteappeal/1234

PUT

PUT

Update Appeal

<gradebook URI>/webapi/appeal/updategrade//1234

Update Grades

PUT

Get Grades

<gradebook URI>/webapi/appeal/1234

GET

New Grades

<gradebook URI>/webapi/appeal/creategrade

POST

# TRANSITION DIAGRAM:

61

31

SUBMITTED

COMPOSED

51

41

21

71

GRADED

11

DELETED

REPLY\_SENT

# BUILD INSTRUCTIONS:

1. **SERVER:**

The project name is *HATEOAS-Appeals-dmisra2-NetBeans-Server-2.*

1. Import the project into NetBeans.
2. Right click on the project and select Clean and Build.
3. Right click on the project again and select Run.
4. A browser window should open now.
5. **CLIENT:**

The project name is *HATEOAS-Appeals-dmisra2-NetBeans-Client.*

1. Import the project into NetBeans.
2. Right click on the project and select Clean and Build.
3. Right click on the project again and select Run.
4. The Command Line should display a sequence of test cases that are run.

**TEST CASES:**

* For Happy Test case, the sequence 1,2,3,5,7 is followed.

1. The assignment is graded.
2. Appeal is composed.
3. Appeal is updated.
4. Appeal is submitted.
5. Grade is updated and reply is sent.

* For Abandoned Test case, the sequence 1,2,3,4 is followed.

1. The assignment is graded.
2. Appeal is composed.
3. Appeal is updated.
4. Appeal is deleted.

* For Forgotten Test case, the sequence 1,2,3,5,6 is followed and the appeal is followed up.

1. The assignment is graded.
2. Appeal is composed.
3. Appeal is updated.
4. Appeal is submitted.
5. Appeal is followed up.

* For Bad Start Test case, the entry URI is incorrect so a 404 error is sent right after the request to post an appeal is made.

1. The assignment is graded.
2. Composition of appeal is attempted but fails due to incorrect URI.

* For Bad ID Test case, the sequence 1,2,3,5,6 is followed but the follow up returns a 404 error because of incorrect URI.

1. The assignment is graded.
2. Appeal is composed.
3. Appeal is updated.
4. Appeal is submitted.
5. Follow up is attempted but fails due to incorrect URI.

The states mentioned above are from the state transition diagram.

* NOTE: The project files could not be renamed to include the NetBeans version number. For reference, the IDE version is NetBeans 8.1.