**1. Normal Data PUT Request:**

Test Data:

```json

{"id":"IDS60901","name":"Adelaide (West Terrace / ngayirdapira","state":"SA","time\_zone":"CST","lat":"-34.9","lon":"138.6","local\_date\_time":"15/04:00pm","local\_date\_time\_full":"20230715160000","air\_temp":"13.3","apparent\_t":"9.5","cloud":"Partly cloudy","dewpt":"5.7","press":"1023.9","rel\_hum":"60","wind\_dir":"S","wind\_spd\_kmh":"15","wind\_spd\_kt":"8"}

```

Expected Result: Should return "201 - HTTP\_CREATED" and save the data.

**2. PUT Request - Update Data:**

Test Data:

```json

{"id":"IDS60901","name":"Adelaide (West Terrace / ngayirdapira","state":"SA","time\_zone":"CST","lat":"-34.9","lon":"138.6","local\_date\_time":"15/04:00pm","local\_date\_time\_full":"20230715160000","air\_temp":"14.5","apparent\_t":"10.0","cloud":"Clear","dewpt":"4.5","press":"1024.5","rel\_hum":"65","wind\_dir":"N","wind\_spd\_kmh":"18","wind\_spd\_kt":"9"}

```

Expected Result: Should return "200 - weatherdata update" and update the data.

**3. GET Request - Retrieve Data:**

Test Data: GET request to AggregationServer.

Expected Result: Should return the data with ID "IDS60901".

**4. GET Request - No Data:**

Test Data: GET request when there is no data on the server.

Expected Result: Should return "205 - no data".

**5. GET Request - Data Outdated:**

Test Data: GET request when there is existing data but it is outdated.

Expected Result: Should return "202 - Data outdated".

**6. Invalid Request:**

Test Data: Send an invalid request to AggregationServer.

Expected Result: Should return "400 - invalid request".