**TD Ameritrade API testing**

**Website URL:** <https://developer.tdameritrade.com/>

**API reference:** <https://developer.tdameritrade.com/apis>

**Account needed:** [amit.t.p@indiumsoft.com](mailto:ashokkumar.p@indiumsoft.com) (Amit@123)

**Endpoints tested:** <https://api.tdameritrade.com/v1/marketdata/hours>

**Python file:** GetHoursforMultipleMarkets.py

**Description:**

To test the functionality of the Ameritrade APIs and to understand the requirements and capabilities of the API to decide the usability of this API for our project requirements.

**Results:**

Tested the APIs for **Get Hours for Multiple Markets** and **Get Hours for a Single Market** in both Sandbox available in the website and using a python code snippet and attached is the raw output format for reference. Also attached is the python code snippet used to fetch the details.

**Challenges faced:**

Due to the limitations like unavailability of accountID, orderID, we would not be able to test most of the APIs at this point of time and hence we tested the generic APIs which return the non-user specific information like price history, market hours etc.