**Test Plan Document**

We are using Jest as our unit testing framework. You need to download Jest and some node packages. To do so, make sure you are in the Moolah Financial directory and type in these commands:

npm install --save-dev jest

npm install --save-dev ts-jest @types/jest

npm install --save-dev reflect-metadata

Then, when all the dependencies are installed, you can type in npm test in the command line and it will automatically run the tests.

In addition to Jest, we are using Postman to test our APIs. To do so, you download Postman, put in the API URL that you’re testing and then copy&paste the test script from our apiTestsPostman document on github.

Sprint 1:

We have three unit tests that includes:

1) Verifies if all the months of the year are correct

2) Verifies if the current month is correctly returned

3) Verifies if the current timestamp is correctly returned

Sprint 2:

Sprint 3:

Sprint 4:

We have three unit tests that do the following:

1. Verifies the connection between the provider and our API
2. Verifies data coming from the user API is correct
3. Verifies the response time is below 10,000ms

Sprint 5

We have 2 unit tests that do the following:

1. Verifies the response time is below 10,000ms
2. Verifies we get the correct error message when we send a bad request