**Currency Converter Test Cases**

**Question no1: Test cases to test functionality of the app:**

Functional Test Cases:

1. Verify the ‘amount in target currency’ shows the correct converted value for the pair of values inserted in ‘base currency’ , ‘target currency’ and ‘amount to convert’.
2. Verify if ‘include commission in calculation’ is checked then ‘amount to convert’ should be the sum of base converted value + commission.
3. Verify when none of the values are entered as inputs then after clicking ‘convert’ the output should be N/A.
4. Verify the converted currency value is matching the respective exchange rate in DB.

Regression Test cases:

1. Verify when the exchange rate for a currency is updated in DB then the converted currency value should be reflecting the updated value.
2. Verify when a new currency is added in DB then it should be available in ‘base currency’ and ‘target currency’ dropdowns.
3. Verify when an existing currency is removed from DB then it should not be available in ‘base currency’ and ‘target currency’ dropdowns.
4. Verify if the source and target currency is chosen the same in the dropdowns then there should be no output conversion.

**Question no2: Test cases to test ‘Maintain Currencies’ form:**

Regression Test cases:

1. Verify if a currency is added ,name of the currency is updated or currency is removed then it should reflect in the dropdowns.
2. Verify for a currency , minimum exchange rate is applied if the ‘include commission in calculation’ is checked.
3. Verify for a currency , the percentage of commission associated for that range of amount is applied correctly in the final converted currency.

**Question no 3 : Test cases to test ‘Commission Rates’ form:**

Functional Test cases:

1. Verify the if the range of currency amount for a percentage of commission is inclusive or exclusive of the range, commission rate should be applied respectively.
2. Verify if one commission range is updated for a currency then the commission percentage should be applied with the updated rate.

**Question no 4 : Test Cases to test accessibility.**

Accessibility Test cases:

1. Verify the text on the application is clearly visible.
2. Verify all the test inputs fields are accepting inputs.
3. Verify dropdowns are showing properly with all the data.
4. Verify close button is losing the application.
5. Verify flow from one page to other is without any delay and smooth ex: Maintain Currencies form switching from home screen of the app.
6. Verify there is option for users to increase font size to fit their needs.

**Question no 5 :**

Expectations from developer:

1. If the developer had created the Maintain currencies and Maintain Commission rates windows side by side to the main window then it would have avoided the task to go back and forth to the pages for calculation verification.
2. Developer should make ID locator more static instead of dynamic so that element can be located more accurately.
3. Less implementation of ‘Frames’ would make the automation suite faster to execute.
4. Faster webpage load would make the automation suite more efficient and less likely to fail in between.

**Question no 6 : Test cases for international application:**

Localization Test Cases:

1. **Localized user interface:**

The user interface is designed in such a way that it is comfortable for specific people of the local region.

1. **Localized content:**  
   Test performed to check whether the app is comfortable for locals.
2. **Specific Language:**  
   Test is performed to check the language supported by the application in order to know the apps compatibility with the language of the specific region.
3. **Hardware Compatibility:**  
   Hardware compatibility test is performed to test the compatibility of the software and the hardware toward the specific region.