**Test Cases**

1. Merge the data - Happy path

| Test step number | Test Step | Expected result |
| --- | --- | --- |
| **1** | Load input.xlsx file and capture the data in excel | File loaded successfully and captured the data |
| **2** | Query the API - <http://interview.wpengine.io/v1/accounts> | API data displayed successfully |
| **3** | Merge the data in input.xlsx file and API data | Output.csv file displays merged data based on account\_id and created\_on columns (account\_id, first name, created on, status, status set on) |

2. Add additional rows in input.xlsx file

| Test step number | Test Step | Expected result |
| --- | --- | --- |
| **1** | Add additional rows in input.xlsx file with letters, numbers and special characters | Additional rows added successfully |
| **2** | Query the API - <http://interview.wpengine.io/v1/accounts> | API data displays in json format. |
| **3** | Merge the data in input.xlsx file and API data | The data matching in input.xlsx and API data is displayed along with the additional row in input.xlsx file |

3. Remove each column in input.xlsx file

| Test step number | Test Step | Expected result |
| --- | --- | --- |
| **1** | Remove created\_on column in input.xlsx file and capture the data | created\_on column is removed in input.xlsx file |
| **2** | Query the API - <http://interview.wpengine.io/v1/accounts> | API data displays in json format |
| **3** | Merge the data in input.xlsx file and API data | The data matching in input.xlsx and API data is displayed based on account\_id |
| **4** | Repeat step 1, 2, 3 by removing each column at a time | An error is displayed as “KeyError: 'Account ID’"  When removed account name or first name or created on columns, no errors should be displayed. Instead merged data should be displayed based on account\_id |

4. Update created\_on column with current date

| Test step number | Test Step | Expected result |
| --- | --- | --- |
| **1** | Update created\_on column with current date in input.xlsx file | Updated excel data successfully |
| **2** | Query the API - <http://interview.wpengine.io/v1/accounts> | API data displayed in json format |
| **3** | Merge the data in input.xlsx file and API data | Output.csv contains merged data i.e, account\_id, first name, created on (with current date) status and status set on columns |

5. Update account\_id column with characters

| Test step number | Test Step | Expected result |
| --- | --- | --- |
| **1** | Update account\_id column with characters/letters in input.xlsx file | Updated excel data successfully |
| **2** | Query the API - <http://interview.wpengine.io/v1/accounts> | API data displayed in json format |
| **3** | Merge the data in input.xlsx file and API data | Output.csv column names are displayed (Account ID,First Name,Created On,Status,Status Set On) without any data in it. |

6. Blank out the rows in input.xlsx file

| Test step number | Test Step | Expected result |
| --- | --- | --- |
| **1** | Blank out the rows in input.xlsx file | Excel data updated successfully |
| **2** | Query the API - <http://interview.wpengine.io/v1/accounts> | API data displayed in json format |
| **3** | Merge the data in input.xlsx file and API data | Output.csv column names are displayed (Account ID,First Name,Created On,Status,Status Set On) without any data in it. |