**Sample Test Cases**

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| **S.no** | **Test Case** | **Excepted Result** | **Result** | **Remarks(IF Fails)** |
| 1. | User Register | If User registration successfully. | Pass | If already user email exist then it fails. |
| 2. | User Login | If User name and password is correct then it will getting valid page. | Pass | Un Register Users will not logged in. |
| 3. | Admin Add the Data | A new record will added to our dataset. | Pass | According to India metrological repository the data must be float fields otherwise its failed. |
| 4. | Data Cleaning | Data will be cleaned. | Pass | The data will be in int or float format, otherwise algorithm will not work.. |
| 5. | Hist digram | Hist diagram generated bsed on months | Pass | If data not cleaned or NA then it give you an error |
| 6. | Admin dd extra records for testing | Data will be consider for testing purpose. | Pass | Data added to test data for model. |
| 7. | Calculate MSE | Means square error calculated and displayed | Pass | Data is consider for testing. |
| 8. | Root Mean Square Error calculation | RootMeans Square calculated | Pass | Root Meansquare calculated |
| 9. | Admin login | Admin can login with his login credential. If success he get his home page | Pass | Invalid login details will not allowed here |
| 10. | Admin can activate the register users | Admin can activate the register user id | Pass | If user id not found then it won’t login. |