**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 | Data types not match then this case failed |
| 4. | Data Cleaning | Data will be cleaned. | Pass | The data will be in in or float format, otherwise algorithm will not work.. |
| 5. | Mean Square error calculates | Means Square error calculation | Pass | If noisy data there then the result will not accurate |
| 6. | Mean Absolute Error calculation | Selected Model Mean Absolute Error calculated and sent to browser. | Pass | If noisy data there then the result will not accurate. |
| 7. | Explained  Variance  Score calculated | Selected Model Explained  Variance  Score calculated calculated and sent to browser | Pass | If noisy data there then the result will not accurate. |
| 8. | Median  Absolute  Error calculated | Median Absolute Error Calculated and sent to controller | Pass | If noisy data there then the result will not accurate |
| 9. | R2\_Score Calculated | R2\_Score Calculated and send to browser | Pass | If noisy data there then the result will not accurate |
| 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. |