**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. | User View Dataset | Display Dataset | Pass | If Not a Proper Data set. |
| 4. | Train Set | Find a Train set of Error Rating and Standard Derivation using Linear Regression, Deep Learning, Decision Tree, Random Forest, Gradient Boosted Trees, support Vector Machine Algorithms. | Pass | Find a Train set of Error Rating and Standard Derivation using Linear Regression, Deep Learning, Decision Tree, Random Forest, Gradient Boosted Trees, support Vector Machine Algorithms are not work fail. |
| 5. | Test Set | Find a Test set of Error Rating and Standard Derivation using Linear Regression, Deep Learning, Decision Tree, Random Forest, Gradient Boosted Trees, support Vector Machine Algorithms | Pass | Find a Test set of Error Rating and Standard Derivation using Linear Regression, Deep Learning, Decision Tree, Random Forest, Gradient Boosted Trees, support Vector Machine Algorithms are not work fail. |
| 6. | Forecast | Forecast result is display | Pass | If Forecast result is not display fails |
| 7. | Calculate Error Rate and Standard Derivation | Calculate Error rate and standard Derivation Based on Algorithms | Pass | If not Calculated Error rate and standard Derivation Based on Algorithms fail |
| 8. | Admin login | Admin can login with his login credential. If success he get his home page. | Pass | Invalid login details will not allowed here |
| 9. | Admin User Details | Display User details | Pass | If User Details not displayed fail |
| 10. | Analysis | Display stock market Graph | Pass | If Display stock market Graph Fail |