**TEST CASES:**

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| **Input** | **Output** | **Result** |
| Input for the anomalous behavior | Predicting the anomalous behavior from the user input | Success |

**Test cases Model building:**

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| --- | --- | --- | --- | --- | --- |
| **S.NO** | **Test cases** | **I/O** | **Expected O/T** | **Actual O/T** | **P/F** |
| 1 | Read the datasets. | Need to provide the dataset path and the data should be in the form of CSV. | Data loaded successfully | Valid data format | P |
| 2 | Read the datasets. | Need to provide the dataset path and the data should be in the form of CSV. | Data loaded successfully | Dataset is not in CSV format | F |
| 3 | Preprocess Data | Need to enter the split size (20-30%) for training and testing | Data preprocessed and splits successfully | Data preprocessed and splits successfully | P |
| 4 | Preprocess Data | If the split size is more or less than the mentioned size | Data preprocessed and splits successfully | Model may get under fit or over fit | F |
| 5 | Model | Models need to trained with the training dataset | Models trained successfully | Accuracy obtained by each model | P |
| 6 | Model | If no model selected for training | Select any model for training | Select any model for training Select any model for training | F |
| 7 | Prediction | Enter details to predict the anomalous behavior | Predict result as anomalous behavior or not | Predict result as anomalous behavior or not | P |