**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. | Upload An Image | Image uploaded to server and strating process to detetct | Pass | Image must be 640X480 resolution will get better results |
| 4. | Draw Squares in images | Detected images draw square and writing stress emotions | Pass | Images must be clearly to detect facial expression |
| 5. | Start live Stream | PyImage libaray will load the process and start the live | Pass | If library not available then failed |
| 6. | Start Deep learning live stream | If tensorflow not installed then it will fail | Pass | Depends on system configuration and tensorflow library |
| 7. | Knn Results | Load the dataset and process the KNN Algorithm | Pass | The dataset must be media folder |
| 8. | Predict Train and Test data | Predicted and original salary will be displayed | Pass | Trains and test size must be specify otherwise failed |
| 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. |