TEST REPORT

for

FACIAL ATTENDANCE SYSTEM

**Version 1.0 approved**

**Prepared by Team Alpha**

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**System Testing**

Some of the important functionalities of Facial Attendance System are as follows:

1. Create Student record in database along with appropriate photos

**Test Case 1**

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| --- | --- | --- | --- |
| **Test Case Name**: Create Record  **Short Description**: Add details and photos to DB | | | |
| **Preconditions:**  The user should have valid credentials along with photos that can be easily red by the system  Currently the record is NULL | | | |
| **Step** | **Action** | **Expected System Response** | **Pass/Fail** |
| 1 | Click the add record option | The system asks the user for details and photos for recognition | Pass |
| 2 | Enter Credentials and photos | The system displays the details entered by the user. | Pass |
| 3 | Submit the details | The system displays a message of successful operation. | Pass |
| **Post Condition:**   1. The new records of the student have been stored in the database. | | | |

1. Identify whether a data is classified appropriately.

**Test Case 2**

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| --- | --- | --- | --- |
| **Test Case Name**: Face Recognition  **Short Description**: Check whether given photo matches with someone in DB | | | |
| **Preconditions:**  The user has to provide a valid image to the system that can be easily pre-processed  The system displays the interface in which the camera detects any image | | | |
| **Step** | **Action** | **Expected System Response** | **Pass/Fail** |
| 1 | Position the face in the box provided | The system displays the information being received by the camera in the space provide. | Pass |
| 2 | Click capture button for taking a picture | The system displays the final image that is captured by the camera and sent or processing | Pass |
| 3 | Wait for system to classify image |  | Pass |
| 4 | Confirmation | The system displays whether the image has been successfully classified and marked for attendance or not | Pass |
| **Post Condition:**   1. The student ahs been marked present in the database. | | | |