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| --- | --- | --- | --- | --- | --- |
| **Test Id:** | 1.1 | | **Test Scenario:** | Capture image from camera | |
| **Input Data** | | **Expected result** | | | **Actual result** |
| User face | | Capture image | | | Capture image |
| **Steps:** | * Finalized the environment * Configure the camera * Run the application | | | | |
| **Comment:** | Successfully executed capturing the images from camera | | | | |

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| **Test Id:** | 1.2 | | **Test Scenario:** | Face detection | |
| **Input Data** | | **Expected result** | | | **Actual result** |
| User Face | | Draw rectangle around in the face | | | Draw rectangle around in the face |
| **Steps:** | * Finalized the environment * Configure the camera * Run the application * Open face detection windows | | | | |
| **Comment:** | Successfully detect the user face. | | | | |

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| **Test Id:** | 1.3 | | **Test Scenario:** | Face Recognition | |
| **Input Data** | | **Expected result** | | | **Actual result** |
| User Face | | Recognized specific user from the DB | | | Recognized specific user from the DB |
| **Steps:** | * Finalized the environment * Configure the camera * Run the application * Open face recognized windows * Marks the attendance | | | | |
| **Comment:** | Successfully recognized user face | | | | |

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| **Test Id:** | 1.4 | | **Test Scenario:** | Send Mail | |
| **Input Data** | | **Expected result** | | | **Actual result** |
| Register conformation | | Send specific user to conformation mail with attendance details | | | Send specific user to conformation mail with attendance details |
| **Steps:** | * Finalized the environment * Configure the camera * Run the application * Open face Recognition windows | | | | |
| **Comment:** | Successfully send mail to recognized user | | | | |

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| --- | --- | --- | --- | --- | --- |
| **Test Id:** | 1.5 | | **Test Scenario:** | View student attendance status | |
| **Input Data** | | **Expected result** | | | **Actual result** |
| User ID | | View all attendance details according to month, subject and year | | | View all attendance details according to month, subject and year |
| **Steps:** | * Finalized the environment * Configure the camera * Run the application * Open face view attendance details View | | | | |
| **Comment:** | Successfully show cast student attendance details | | | | |