

**Assignment:04**  
**Testing Document**

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**ASSIGNMENT**

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## Testing Document

**System Name: Fingerprint Online Voting System**

### Test Scenarios

| scenario<br>Serial | Requirement/<br>Use case ID | Description             | Test Cases   |
|--------------------|-----------------------------|-------------------------|--|
| 1                  | FE01_UC01                   | Login<br>Functionality  | 1.Check if voter can login<br>with valid voter id.<br><br>2.Check if error happens<br>if no voter id or other<br>information is given.<br><br>3.Check if voter can enter<br>from his device. |
| 2                  | FE01_UC02                   | Logout<br>Functionality | 1.Check if voter can<br>logout clicking the logout<br>link.<br><br>2.Check if voter can<br>access vote casting page<br>and other protected<br>pages through URL links<br>after logout.       |

|   |               |                             |   |
|---|---------------|-----------------------------|---|
| 3 | FE02_UC<br>01 | Identity is<br>matched      | <p>1.Check if voter Information is matched with his ID number.</p> <p>2.Check If voter Fingerprint is properly matched.</p> <p>3.Check if Fingerprint not matched his face is matched or not.</p> |
| 4 | FE02_UC<br>02 | Searching for<br>Candidates | <p>1.Check if the voting page is showing all the candidates.</p> <p>1.Check if any candidates name came twice.</p> <p>3.check if button is working properly</p>                                   |

|   |               |                               |   |
|---|---------------|-------------------------------|---|
| 5 | FE03_UC<br>01 | Collecting the<br>votes       | 1.Check which<br>candidates got how<br>many votes properly.   |
| 6 | FE03_UC<br>02 | Giving Proper<br>notification | 1.Check if a voter<br>got his notification of<br>his casting vote.<br><br>2.check if mail voting<br>page sent properly.<br><br>3.check if voter sent<br>the mail voting pape<br>properly. |

## Test Cases

| Test Scenario – Logout Functionality    |   |   |  |                    |           |
|---|---|---|--|--------------------|-----------|
| Test Case ID<br>TCXX_TestScenarioSerial |   | Steps                                   | Expected Result  | Actual Result      | Pass/Fail |
| TC01_1                                  | Logout from the app                           | press on the logout button              | voter should be redirected to the login activity                   | worked as expected | Pass      |
| TC01_1                                  | try to get to home activity after logging out | after logging out press the back button | activity should not change and a toast message should be displayed | worked as expected | Pass      |

| Test Scenario – Login Functionality   |  |   |  |  |      |
|---------------------------------------|--|---|--|--|------|
| TC02_1                                | login with valid voter Id number<br><br>(voter Id: 4207136674) | Open voting app on mobile or other devices.           | log in page should be shown.                               | Did not work properly. Some voters id number didnot matched. | Fail |
|                                       |  | Enter user ID And give the fingerprint                | voter Id and fingerprint entered                           | Worked as expected   | Pass |
|                                       |  | Click on login button                                 | Login is successful . voter redirected to the voting page. | Login successful but main activity did not load as expected  | Fail |
| TC02_2                                | Open the camera  | Click on camera button                                | Open the camera and match the voter face                   | login successfully   | pass |
|                                       |  | open the mail url.                                    | If face not matched giving a page for male vote            | url worked successfully                                      | pass |
| Test Scenario – Identity is Matched   |  |   |  |  |      |
| TC03_1                                | Login with voter id and finger print                           | press on the login button                             | Identity not matched Now give other info.                  | Some voter identity does not matched                         | Fail |
| TC03_2                                | Try to vote by mail  | Click the url and download the voting page.           | Voter able to get the page with proper information.        | worked as expected   | Pass |
| Test Scenario – Search The candidates |  |   |  |  |      |
| TC04_1                                | voter click on next page to see the candidates                 | Click on the button right side of the candidates name | This should give all the candidates                        | Voting worked as expected                                    | Pass |

|   |  |                                 |   |                        |      |
|---|--|---------------------------------|---|------------------------|------|
| TC04_2                                      | view All the different name for different position       | click on the button             | voter able to click on properly                       | worked as expected     | Pass |
| TC04_3                                      | Search for the favourite                                 | click on the button Right side. | Able to find the all candidates .                     | worked as expected     | Pass |
| <b>Test Scenario – Collecting the votes</b> |  |                                 |   |                        |      |
| TC05_1                                      | Election worker log into the page with their name and id | Search by candidate Name.       | searched name should be displayed                     | Worked as expected     | Pass |
|   |  | collect one by another          | candidates name came properly but there is some error | Did not work properly. | Fail |

| Test Scenario – Giving Proper Notification |  |  |   |  |      |
|--|--|--|---|--|------|
| TC06_1                                     | Giving notification after vote                   | Tell the voter if his vote is counted or not | Notification should be sent out automatically | worked as expected                               | Pass |
|  |  | Clicking the notification                    | the message details should be displayed       | did not see the notification message some voter. | Fail |
| TC06_2                                     | Check if any voter mail vote is accepted or not. | Move to the mail voting count machine        | the Machine should count it.                  | did not work as expected                         | Fail |