| Test case ID | Feature Type | Component | Test Scenario |
|------------------|--------------|------------|--|
| LoginPage_TC_OO1 | Functional | Home Page | sends on alter message and displays on the browser monitoring page as garbage bin found to empty |
| LoginPage_TC_OO2 | UI | Login page | sends on alter message and displays on the browser monitoring page as garbage bin found to medium |
| LoginPage_TC_OO3 | Functional | Home page | sends on alter message and displays on the browser monitoring page as garbage bin found to nearly full |

| LoginPage_TC_OO4 | Functional | Login page | sends on alter message and displays on the browser monitoring page as garbage bin found to full |
|------------------|------------|------------|---|
| LoginPage_TC_OO5 | Functional | Login page | sends on alter message and displays on the browser monitoring page as garbage bin found to threshold crossed |
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| Date | 18-Nov-22 | | |
|---------------------------------------|--|--|--|
| Team ID | PNT2022TMID45392 | | |
| Project Name | SMART WASTE MANAGEMENT SYSTEM FOR METROPOLITAN CITIES | | |
| Maximum Marks | 4 marks | | |
| Pre-Requisite | Steps To Execute | | |
| IDE | 1.Enter URL and click go 2.Click on My Account dropdown button 3.Verify login/Signup popup displayed or not | | |
| open-source Arduino Software (IDE) | 1.Enter URL and click go 2.Click on My Account dropdown button 3.Verify login/Singup popup with below UI elements: a.email text box b.password text box c.Login button d.New customer? Create account link e.Last password? Recovery password link | | |
| | 1.Enter URL(https://shopenzer.com/) and click go 2.Click on My Account dropdown button 3.Enter Valid username/email in Email text box 4.Enter valid password in password text box 5.Click on login button | | |

| 1 Enter LIDI /https://shanenzer.com/\ and click go | | |
|--|--|--|
| 1.Enter URL(https://shopenzer.com/) and click go | | |
| 2.Click on My Account dropdown button | | |
| 3.Enter InValid username/email in Email text box | | |
| 4.Enter valid password in password text box | | |
| 5.Click on login button | | |
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| 1.Enter URL(https://shopenzer.com/) and click go | | |
| 2.Click on My Account dropdown button | | |
| 3.Enter InValid username/email in Email text box | | |
| | | |
| 4.Enter Invalid password in password text box | | |
| 5.Click on login button | | |
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| Test Data | Expected Result | actual result | Status |
|------------------------|---|--|--------|
| | user name,security password | the user interface design of android based media system | Pass |
| | email id,security password, phone number | every smartphone installed in the garbage monitoring application would automatically receive data update at any time | pass |
| Username: password: | develop prototype forsmart garbage bin kept ON | Application on android smartphone functioned to receive information from the database | pass |

| Username: | the garbage can has accommodated | Location data | |
|-----------|----------------------------------|----------------|------|
| password: | the garbage by 50% | used in the | |
| | | test was | |
| | | adjusted with | |
| | | the location | |
| | | on the map | |
| | | that has | |
| | | been made | |
| | | | pass |
| | | on the | |
| | | application | |
| | | and it was | |
| | | compared to | |
| | | the | |
| | | coordinate on | |
| | | the google | |
| | | map | |
| Username: | | Information | |
| password: | | from the | |
| | | garbage can | |
| | | was sent to | |
| | | the system | |
| | | and | |
| | | forwarded | PASS |
| | | and | |
| | | processed on | |
| | | the android | |
| | | application as | |
| | | a real time | |
| | | report. | |
| | | report. | |
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| Commnets | TC for Automation(Y/N) | BUG ID | Executed By |
|--|------------------------|--------------|---|
| Steps are clear to follow | no | | The results of the test that used the smartphone application and google map |
| It should easy to monitor | no | BUG- 1234 | The test was conducted by equalizing the data in the level of garbage can height in the database to the data displayed on the application and by calculating the delay of receiving data to the application using some telecommunications technologies. |
| the database did not update the data because the garbage can did not send to the database | no | | the waste management more efficiently and optimally in terms of time management. |

| It should have gsm system | yes | automatically there will be an alarm notification for the waste transport officer |
|--|-----|---|
| the garbage can has accommodated the garbage only by 50% | yes | the system could facilitate the waste transport officer to remember the time of waste transport in each location of the garbage can. |
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