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| Test No | Feature | Test Case Description | Expected Result | Actual Result | PASS/FAIL | Notes |
| 1 | Welcome screen | 1.Verify can able to navigate to welcome screen after entering URL <http://localhost:3000/>  2. Verify can see text as"Please provide your name:"  3.Verify Can see text field where use can enter Name  4.Verify Submit button is present or displayed | 1.Should able to see Welcome scree  2. Should see text as "Please provide your name:"  3. Should able to see text field  4.Submit button is Present | 1.can able to see Welcome scree  2.Can see text as "Please provide your name:"  3.Can able to see text field  4.Submit button is Present | 1.PASS  2.PASS  3.PASS  4.PASS | N/A |
| 2. | Welcome Screen | 1.Verify can able to navigate to customer list after entering name and click on submit button  2. Verify can see warning message when click on submit button without entering name | 1should able to see customer list screen after entering name and click on submit button | 1.can able to see customer list screen after entering name and click on submit button | 1.PASS  2.PASS |  |
| 3 | Customer List Screen | 1.verify table and should see column headers as **Name** , **# of Employees** and **Size** | 1.Should able to see table column headers as **Name** , **# of Employees** and **Size** | 1.can able to see table column headers as **Name** , **# of Employees** and **Size** | 1.PASS |  |
| 4. | Customer List Screen | 1,Verify size column values when number of employees less than or equal 100, size is **Small**; if greater than 100 and less than or equal 1000, **\*\*Medium\*\***; greater than 1000, **\*\*Big\*\*** | 1.Should able to see size when number of employees less than or equal 100, size is **Small**, if number of employees greater than 100 and less than or equal 1000, **Medium**,if number of employees greater than 1000, **Big** | 1.can see size when number of employees less than or equal 100, size is **Small,** if number of employees greater than 100 and less than or equal 1000 should be Medium but dsiplayed Big when employess are 1000 ,if number of employees greater than 1000, **Big**  **NOTES: The above failed scenario because API returns wrong Size. It should be fixed in API.** | 1.FAIL | Requirement does not make sense for me it say less than 100 is small and again greater than 10 is medium which is wron. I think it may be typo error and changed test case as described to make more sense |
| 5. | Cantact info | 1.Verify should able to navigate to contact details when clicks on customer name  2.Verify can see following details (Name, # of Employees, and Size) and also the name and e-mail of the person in the company to be contacted.  3.Verify can see message as **No contact info available**  **When API does not return Contact info of the customer** | 1.Should able to navigate to contact details page  2. should able to see following details(Name, # of Employees, and Size) and also the name and e-mail of the person in the company to be contacted.  3.Should see message as **No contact info available**  **When API does not return Contact info of the customer** | 1.Can able to navigate to contact details  2.can able to see following details(Name, # of Employees, and Size) and also the name and e-mail of the person in the company to be contacted.  3. The page is broken and appears as shown in the screenshot. Front End Not handling when ther is no contact info. Please see console error in screenshot for more information | 1.PASS  2.PASS  3.FAIL |  |
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API Requirement analysis:

1. the \*\*contactInfo\*\* object is not returned when the customer doesn't have contact information in our database

Test Result: The above scenario verified and it 4shows as described and it does not show contact information to one of customer.

**- customer \*\*size\*\* is: \*\*Small\*\*, when \*\*# of employees\*\* is <= 10; \*\*Medium\*\* when it is <= 1000; \*\*Big\*\* otherwise**

**The above one does not same as front end. The requirement should analyse properly**

API requirements regarding no of employees mapping the size totally contradicting the frontend requirement.

Notes: API tests are performed based front end Test No 4 . API returns size as Big when the no of employees less than or equal to 1000. Which is API bug.

1. One Front end and One backend bug. Refer Test no 4 and 5