**Question Challenge on Creating Test Case**

1. Create any possible test case for refrigerator
   1. Feature Machine and Freon
      1. Test for the machine works when the power cable plugged in
      2. Test for the Freon should be produces from the machine
   2. Feature Lamp Indicator
      1. Test when refrigerator Opened then the lamp should be on
      2. Test when refrigerator is closed then the lamp should be off
   3. Feature Freezer
      1. Test when the thermometer indicator set to freeze state so that the freezer work until its mode showing by iceberg produced
      2. Test when the power is off the anything inside freezer should be melted and become water
   4. Feature Hard case of Refrigerator
      1. Test the body of refrigerator should not make any electric shock wave
      2. Test the drainage system when processing washing the refrigerator should be make user easier to waste the melted ice
      3. Test for the footstep of its refrigerator should be symmetric so that the refrigerator position is robust
2. Mention any elements that should be present on a Register and Login Page and its functionality
   1. Register Page
      1. Element should presents are :
         1. **Form Input**, this elements functionality is to give user experience for input their information needed for the sign up process
         2. **Button Sign Up,** this elements functionality is to submit the data set inside Form input to be sent into the server and make it proceed
         3. **Sign Up with social Media**, the elements functionality for encourage experience of user to easier doing registration process just only with their social media account information
         4. **Alert Text or Modal,** this element functionality to give information to the user when they filled the input without following any rules given so that the data being proceed will more accurate.
   2. Log in Page
      1. Element should presents are:
         1. **Field Input**, this elements functionality is to drive user typing their credential including the username or password
         2. **Forgot Password,** this elements functionality for encourage user to change the password on Log in process when they forgot their password credential information.
         3. **Log In,** this elements functionality is to submit the data set inside Form input to be sent into the server and make it proceed
         4. **Alert Text or Modal,** this element functionality to give information to the user when they filled the input without following any rules given so that the data being proceed will more accurate.
3. Create any possible test case for Register and Login page

*This is on separate file .xlsx on the same directory git*

1. Mention any possible front-end and back-end issue on Register and Loading page
   1. Front End Issue
      1. Button that still enable clicked while loading call to the back end is ongoing
      2. Handling while the browser Javascript is not enable
      3. Validation regex field that should be applied each of field input
   2. Back End Issue
      1. Validation input which is not going applied on back end as well as applied on front end will causing backdoor attack
      2. Handling process ongoing and got the process again from Front End
      3. Handling special character for not giving specific error to the front End and not throw status 500
2. For Register and Login feature, mention any security issue that might be occur ! ( API )
   1. Handling special character on field input using sql injection
   2. Handling front URL Injection for not redirect into Inner Page without processing from Login
   3. Handling Javascript disable
   4. Handling for concurrent request from Login and register page