

RELIABILITY DASHBOARD



NETRA

HOME PAGE



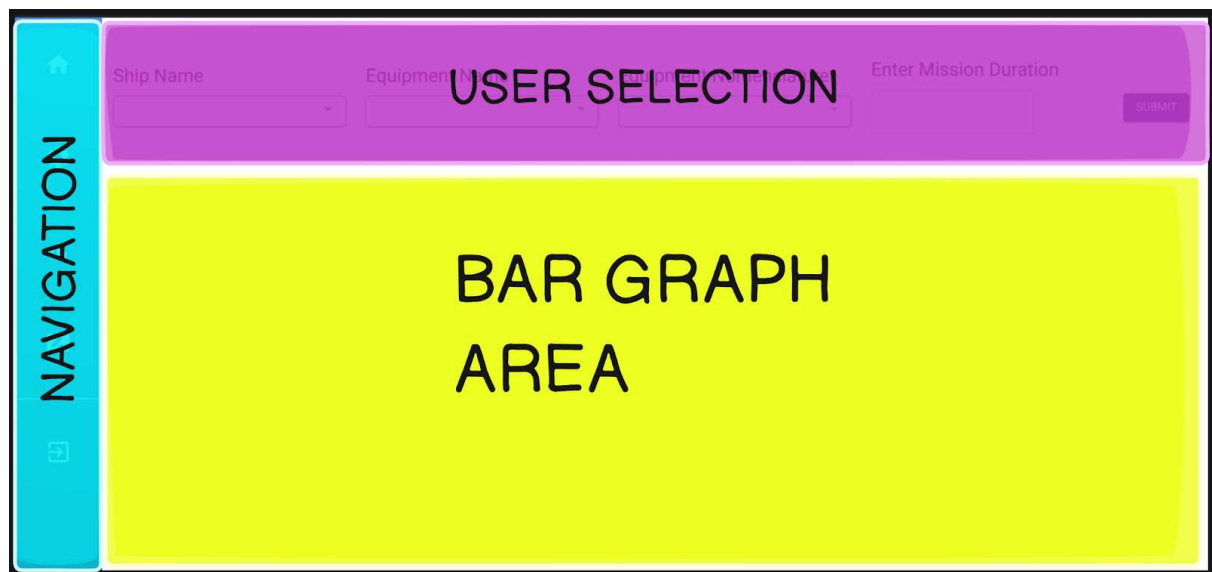
MODULE UNDER CONSIDERATION: RELIABILITY DASHBOARD

The Reliability Dashboard is a key module that presents a snapshot of individual equipment reliability through percentage metrics. Users can quickly assess the performance of each equipment component using intuitive bar graphs. This straightforward visual representation allows for easy identification of reliability levels, facilitating efficient decision-making based on real-time data. The module serves as a valuable tool for proactive maintenance and optimizing operational efficiency by providing a clear and concise overview of equipment reliability in a percentage format.

NOTE:-

Please utilize only those equipment for which alpha, beta, and overhaul data are available.

STRUCTURE OF RELIABILITY DASHBOARD:-



Navigation:- contains different buttons to various modules and home.



User Selection:-

Ship Name	Equipment Name	Equipment Nomenclature	Enter Mission Duration	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="SUBMIT"/>

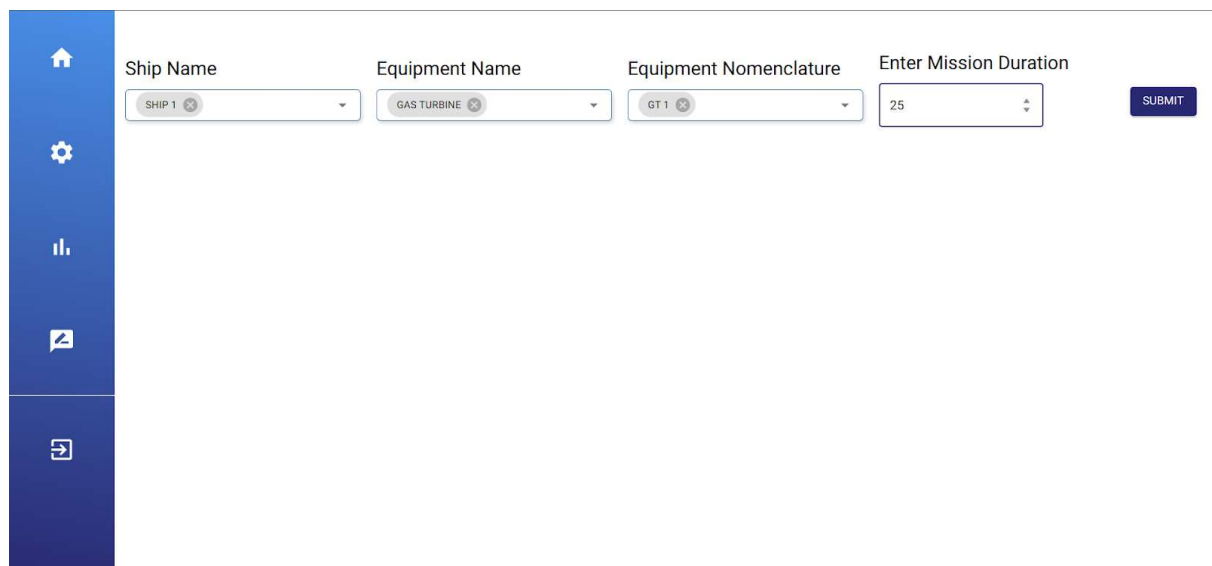
Buttons:-

Submit:- Submits the data of the equipments to the Reliability code and displays the graphs for selected Equipments.

STEPS TO SEE THE RELIABILITY OF INDIVIDUAL EQUIPMENT:-

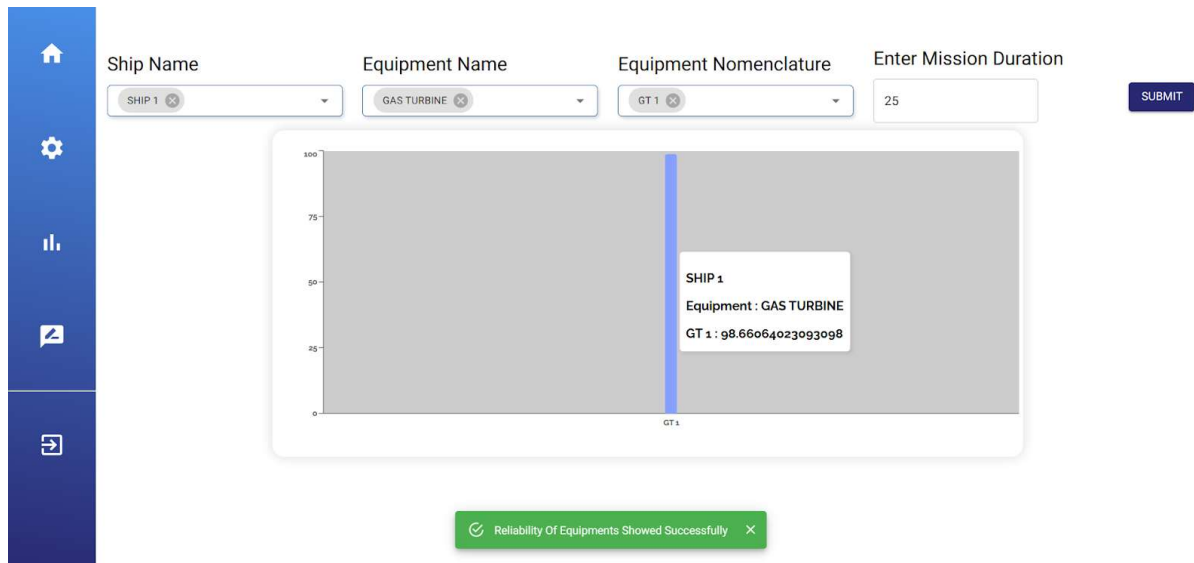
To view the reliability of individual equipment for a single ship, follow these steps:

1. Choose a single ship from the "Ship Name" field.
2. Select the appropriate equipment in the "Equipment Name" field.
3. Pick the corresponding nomenclature for the chosen equipment in the "Nomenclature" field.
4. Enter the mission duration in hours.



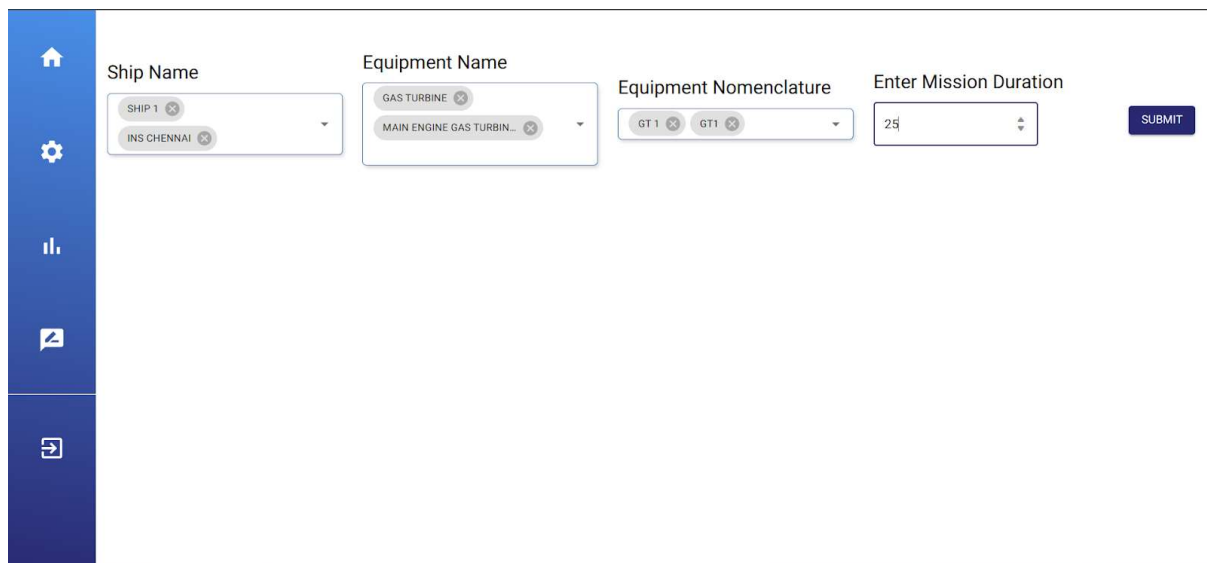
The screenshot shows a web application interface with a blue sidebar on the left containing five icons: a home icon, a gear icon, a bar chart icon, a document icon, and a square icon with a right-pointing arrow. The main content area has a white background and contains four input fields and a submit button. The first field is labeled "Ship Name" and has a dropdown menu with "SHIP 1" selected. The second field is labeled "Equipment Name" and has a dropdown menu with "GAS TURBINE" selected. The third field is labeled "Equipment Nomenclature" and has a dropdown menu with "GT 1" selected. The fourth field is labeled "Enter Mission Duration" and has a text input with "25" entered. To the right of these fields is a blue button labeled "SUBMIT".

5. Click on "Submit," and the bar graph displaying individual equipment reliability will become visible.



For multiple ships, the process remains the same; however, select multiple ships in the "Ship Name" field during the reliability assessment:

1. Choose multiple ships from the "Ship Name" field.
2. Select the appropriate equipments in the "Equipment Name" field.
3. Choose the corresponding nomenclatures for the selected equipment in "Nomenclature" field.
4. Enter the mission duration in hours.



5. Click on "Submit," and the bar graph displaying individual equipment reliability will become visible.

