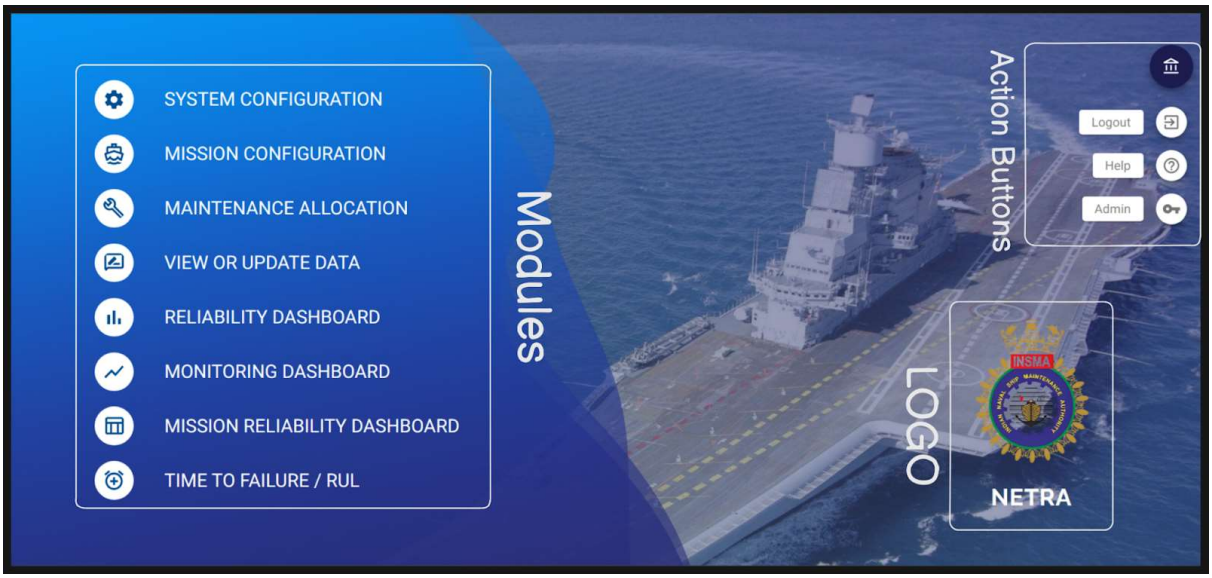
MONITORING DASHBOARD

NETRA

HOME PAGE



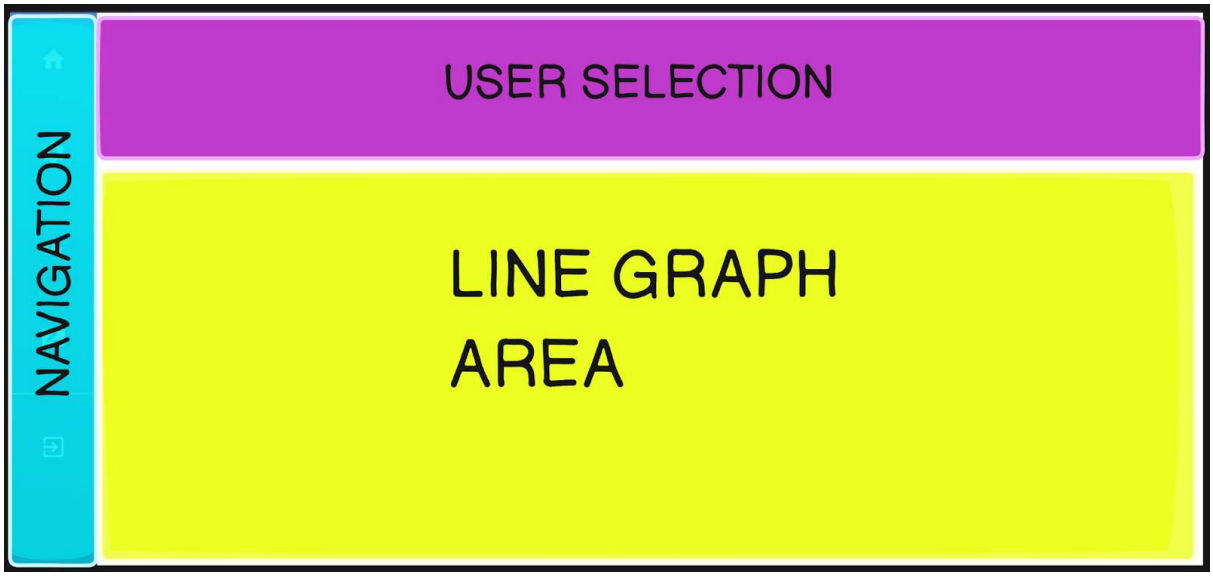
MODULE UNDER CONSIDERATION: MONITORING DASHBOARD

The Monitoring Dashboard module facilitates the visualization of sensor values through a dynamic line graph. This graphical representation includes two dashed lines representing maximum and minimum thresholds. As the latest sensor values fluctuate, if they surpass either threshold, the graph responds by blinking in red. Named the Monitoring Dashboard, this module provides an effective means of instantly identifying deviations from set thresholds, ensuring real-time awareness of critical sensor values.

PRELIMINARY STEPS FOR GRAPH TO BE VISIBLE:-

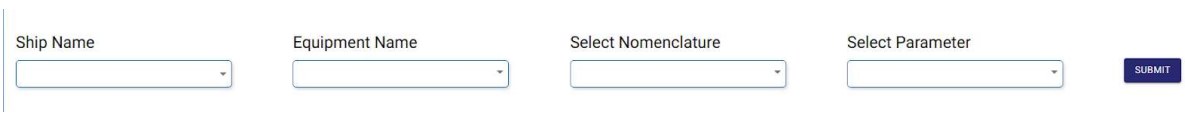
I. Create the sensor in Maintenance Allocation / Create Maintenance Plan
2. Add Sensor Data For respective sensors in View Or Update Data / Add Sensor Data
3. Follow the guide

STRUCTURE OF MONITORING DASHBOARD:-



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

User Selection:-



Buttons:-

Submit:- Submits the values of the sensor to the sensor graph code and displays the graphs for selected parameters.

THE GRAPH HAS TWO MODES:

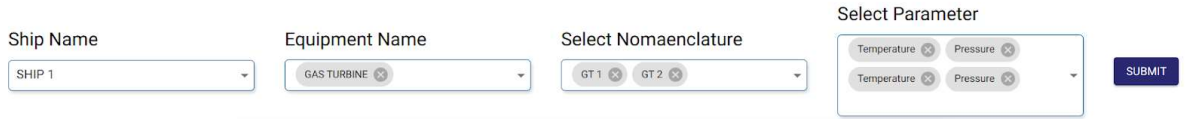
1. Normal Mode: In normal mode, the graph is displayed as a continuous line in green colour. The latest sensor value falls within the specified range between the maximum and minimum thresholds. This mode provides a standard representation of sensor values when they are within the acceptable range.

2. Red Blinking Mode: In this mode, the latest point on the graph, representing the sensor value, has crossed either the minimum or maximum threshold. This is visually indicated by the graph blinking in red, serving as an immediate alert for threshold breaches.

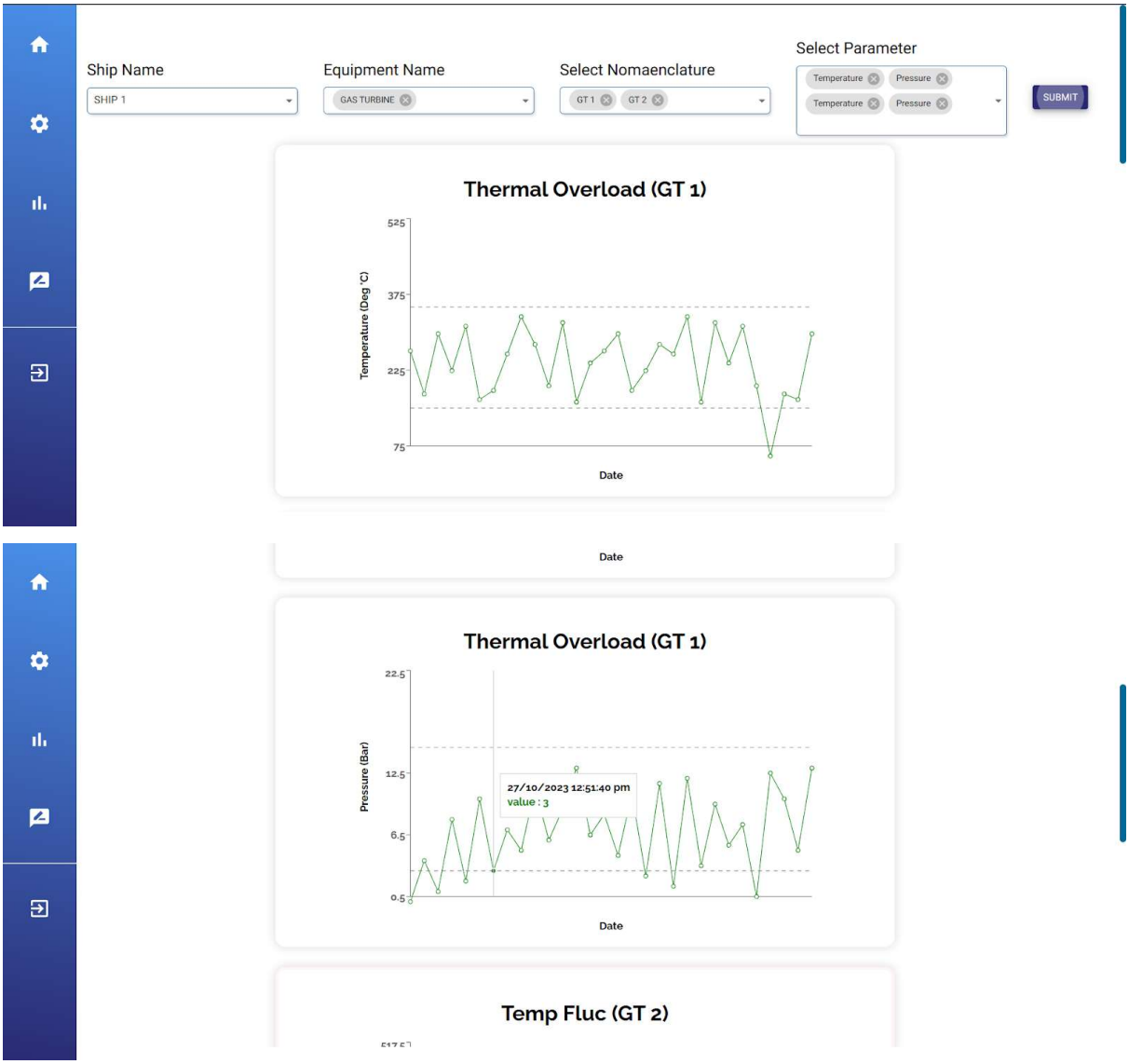
STEPS TO SEE THE SENSOR GRAPH OF INDIVIDUAL EQUIPMENT:-

To view the sensor graph, follow these steps:

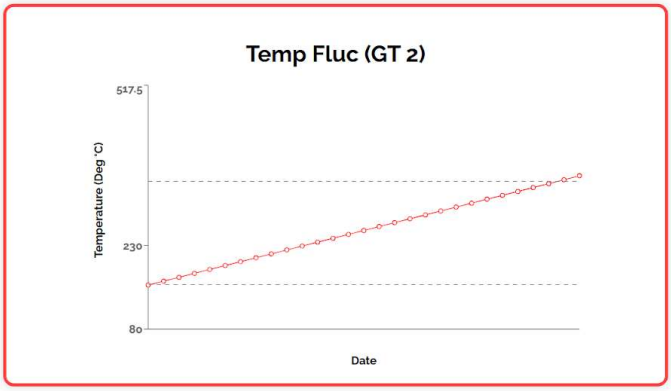
1. Navigate through the input fields of user selection, including ship name, equipment name, nomenclature, and select the parameters.



2. Click "Submit" to initiate the graph display based on the selected parameters.



Date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Temperature (Deg °C)
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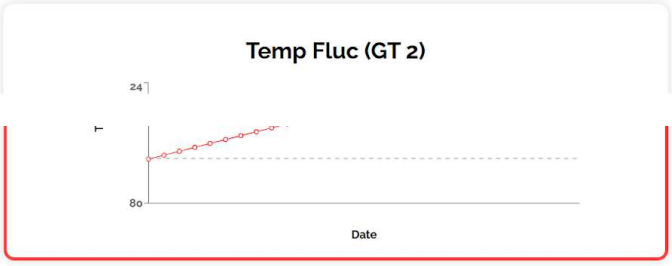
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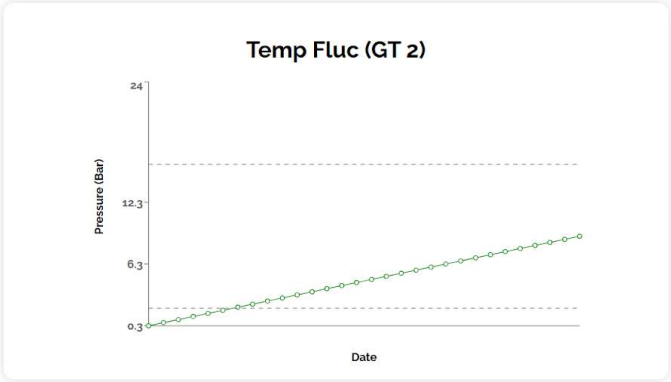
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