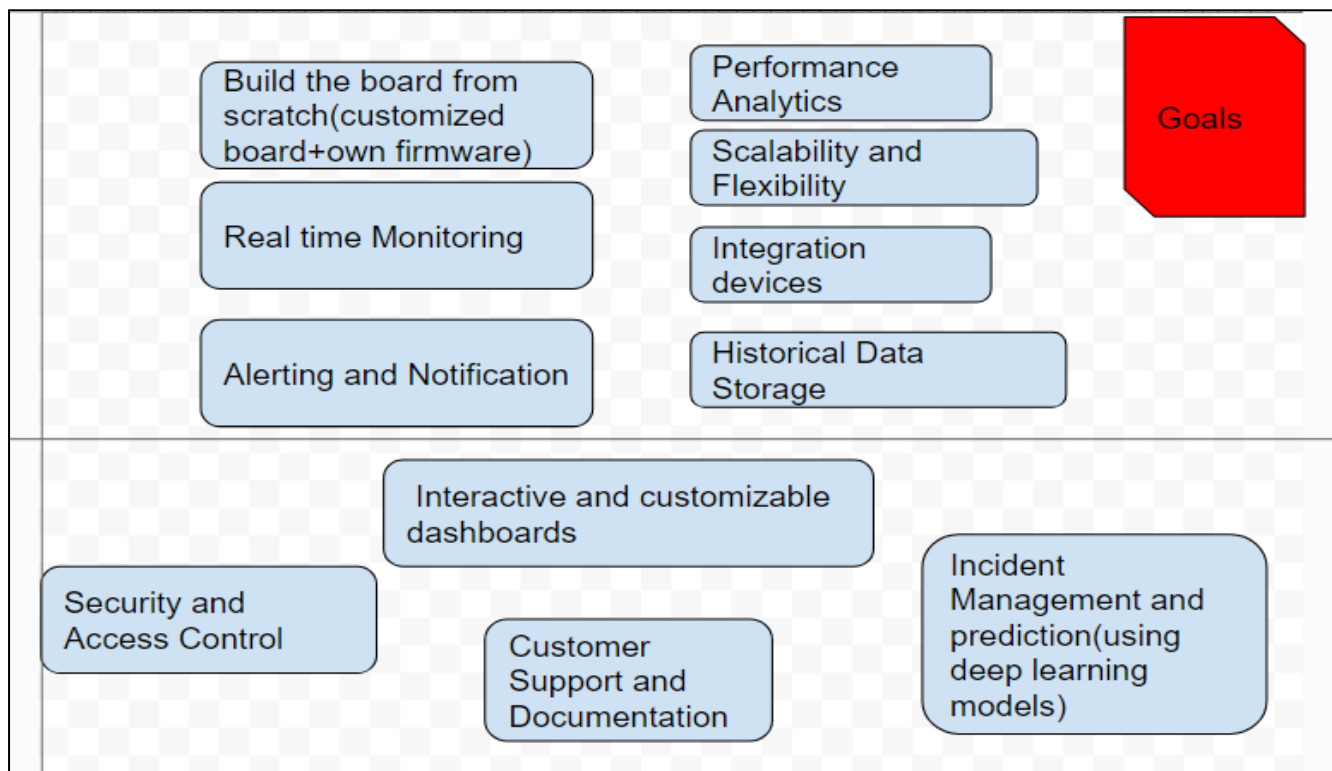


Benchmark Solutions for LightHouse monitoring System

The Lighthouses play a crucial role in maritime safety by providing a visual aid for navigation. Monitoring systems help maintain the integrity of the lighthouse's features, ensuring it is visible and works. By monitoring , the system can identify any anomalies that might compromise the lighthouse's effectiveness in guiding ships and preventing accidents, any issues or deviations from expected performance can be quickly detected and addressed in real time so that they can be solved quickly.

Our goal is to profit from the actual technology and tendencies and deploy it in our system.



In this project, our primary focus is to enhance performance and quality indicators by prioritizing the user interface(UI), ensuring ease of use, and emphasizing security. As this system is critical, any malfunction is unacceptable and must be prevented.

Through a thorough analysis of our competitors' solutions, we have identified opportunities to improve our product further. By incorporating incident management and prediction features, we can provide added value to our users. This will allow for timely notification of issues to specific

companies, enabling swift repairs. We plan to profit from the power of graphic visualization(ThingsBoard) and advanced deep learning models to optimize this process effectively.

-----*****-----*****-----*****-----

The proposed solutions are not final decisions however they should be thoughtfully considered and evaluated throughout the project's development.We should carefully evaluate the impact of these on both the performance and cost aspects of the project.but we must first start our model so that we can compared it and test the differents scenarios and add others if necessary.