

1. Overview

Deloitte is widely recognized as one of the leading accounting firms, but our capabilities go beyond that. We take pride in our ability to develop intricate software solutions for our clients. Our team of skilled software developers has consistently delivered exceptional results on numerous projects, showcasing our commitment to delivering top-notch craftsmanship. Enclosed in this document is our Software Development Proposal for Daikibo's Telemetry Live Dashboard.

2. Scope

The real-time manufacturing status dashboard will consist of a single page that displays the current statuses of all monitored devices. The page will be designed to be intuitive and user-friendly, enabling users to easily identify the health status of the machines using react, angular or vue.js. The view will be collapsible and expandable at both the factory and device levels, providing users with the option to drill down into specific factories or any of the on-site operational devices for more detailed information. The history of health status with recorded time of events will also be displayed on the drop-down menu allowing users to track the performance and health of devices over time. Each Location with its devices will have a status icon which will be a tick or crossbow indicating the unhealthy status of the site and its devices.



3. Estimate

The project team will consist of one front-end software developer, one back-end developer and a graphic designer. The project will be handed over to the IT team at Daikibo upon completion.

Development:

Front-end development: 120 hours

Back-end development: 100 hours

API integration: 40 hours

Testing:

Unit testing: 40 hours

Integration testing: 60 hours

User acceptance testing: 40 hours

Integration:

Intranet integration: 20 hours

Authentication server synchronization: 40 hours

Total man-hours estimate: 460 hours

4. Timeline

The project will be divided into the following milestones:

1. Requirements gathering and analysis: 1 week
2. Design and prototyping: 2 weeks
3. Development: 4 weeks
4. Testing and bug fixing: 2 weeks
5. Integration and deployment: 1 week

The entire project is estimated to be completed within a total timeframe of 10 weeks, subject to any potential adjustments based on project complexities and client feedback.

5. Support

We assure Daikibo of continuous product support following the completion of the dashboard. This includes:

1. Bug fixes: We will promptly address and resolve any issues or bugs that may arise in the functionality of the dashboard.
2. Support tickets: Daikibo can reach out to us for assistance and support via a dedicated support ticketing system, ensuring efficient communication and problem resolution.
3. New functionality: We are committed to accommodating Daikibo's evolving needs and will provide support in implementing additional features or enhancements to the dashboard as required.

We aim to establish a long-term partnership with Daikibo and provide them with reliable ongoing support for the manufacturing status dashboard.

We look forward to working closely with Daikibo on this project and are confident in delivering a high-quality real-time manufacturing status dashboard that meets business requirements and enhances their operational efficiency.

Please feel free to reach out with any questions or concerns.

Sincerely,

Daniel Okoro

Deloitte.