

1. Overview

Deloitte, renowned as one of the "big four" accounting firms, delivers a comprehensive range of services, including audit & assurance, consulting, risk and financial advisory, risk management, tax, and related offerings, catered to our clients' needs. Among these services, we excel in providing robust software solutions. Our adept team of software development experts has been instrumental in assisting numerous Deloitte clients across a multitude of projects.

Enclosed herewith is our Software Development Proposal for Daikibo's Real-time Telemetry Dashboard.

2. Scope

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The key functionalities of the project encompass the following:

1. Private Dashboard: We will develop a secure and exclusive dashboard that provides real-time health status updates for nine telemetry-enabled machines in each of Daikibo's four factories. The dashboard's access will be limited to the client's Intranet, ensuring confidentiality and restricted user access.
2. Authentication Sync: To enhance user convenience and security, the dashboard's authentication will be synchronized with an internal authentication server. This eliminates the need for users to create separate accounts, streamlining the login process.
3. Single-Page Overview: The dashboard's user interface will feature a single-page layout, presenting a comprehensive view of the current statuses of all monitored devices. This efficient design allows users to quickly assess the overall health of the machinery across all factories.
4. Collapsible/Expandable View: The dashboard will offer a user-friendly collapsible and expandable view, allowing users to navigate through the data at both the factory and device levels. Users can effortlessly expand specific factories or devices to access their historical status information, facilitating thorough analysis and monitoring.

For a visual reference of the proposed functionality, please consult the wireframe image located on the following page.



3. Estimate

The total number of man-hours needed for this project is 150 hours.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Design | Development | Testing | Integration | Total |
| 20 | 70 | 30 | 30 | 150 |

The team formation will consist of 3 software development engineers and 2 quality assurance engineers.

We will be needing 1 IT engineer to handle the DevOps and integration. We will also be needing 1 engineer from Daikibo to hand off the finished product and help us with access to authenticate the telemetry databases and servers.

4. Timeline

1. [1st of September 2023] Design starts.
2. [4th of September 2023] Design is circulated to Daikibo for feedback.
3. [6th of September 2023] Design is finalized, and Development starts.
4. [19th of September 2023] Development is done and v1 of the product is demonstrated to Daikibo.
5. [21st of September 2023] Development is finalized, and Testing starts.
6. [25th of September 2023] Testing is done, and Integration starts.
7. [2nd of October 2023] Testing is done, and Integration is completed

5. Support

This proposal primarily centers on the development of the project, with a dedicated focus on successfully deploying the product within Daikibo's infrastructure. Beyond the development phase, we are committed to offering continuous support to ensure the sustained functionality and optimal performance of the solution.

After the project is completed, we will remain readily available to provide ongoing support. Should any issues arise, or assistance be required, Daikibo can conveniently submit support tickets through our internal support system.

It's important to note that the estimate of work provided earlier solely pertains to the development phase and doesn't encompass the continuous support we offer. Any future bug fixes, updates, and improvements will be considered separate from the initial project scope and will be invoiced accordingly.