

1. Overview

*We propose to develop a comprehensive private dashboard solution for monitoring the health status of 36 machines across Daikibo's 4 manufacturing facilities. This secure, web-based dashboard will provide real-time visibility into machine health through integration with your existing telemetry infrastructure.*

*The dashboard will feature a single-page interface with collapsible/expandable views at both factory and individual machine levels, allowing users to drill down from factory-wide overviews to detailed machine-specific status and historical data. Access will be restricted to your internal network with authentication synchronized to your existing company-wide authentication server.*

*Key deliverables include:*

* *Real-time monitoring dashboard for all 36 machines across 4 factories*
* *Hierarchical collapsible/expandable interface (factory and device levels)*
* *Historical status tracking and trend analysis*
* *Secure intranet-only access with integrated authentication*
* *Responsive design for desktop and tablet access*

2. Scope

The proposed private dashboard will be a single-page application designed to

display the health status of the machines within Daikibo's factories. Users will be

able to access the dashboard within the client's intranet, ensuring data privacy

and security. The dashboard will provide a comprehensive overview of the

current statuses of all monitored devices. Additionally, the view will be

collapsible/expandable at both factory and device levels, enabling users to drill

down into specific machines and explore the history of their statuses.

**Please refer to the attached graphics for a visual representation of the**

**proposed dashboard :**



3. Estimate

The estimated man-hours for the development, testing and integration phases are as follows:

**1.Development**

. Front-end development : 30 hours

. Back-end development : 45 hours

. Database design and integration: 10 hours

**2.Testing**

. Unit testing: 5 hours

. Integration testing: 8 hours

. User acceptance testing: 3 hours

**3.Deployment and server setup**: 2 hours

**4.Integration with internal authentication server:** 2 hours

**Total Man-Hour estimate : 120 hours**

4. Timeline

1. **1st September 2024 – Design Starts**  
   Project kickoff, requirements confirmation, and wireframe review.
2. **5th September 2024 – Design Finalization**  
   Finalize UI/UX design and system architecture.
3. **6th September 2024 – Development Begins**  
   Start front-end, back-end, and database development.
4. **20th September 2024 – Core Development Complete**  
   Complete front-end, back-end, and database integration.
5. **21st September 2024 – Internal Testing**  
   Conduct unit and integration testing.
6. **24th September 2024 – Authentication Integration**  
   Integrate with internal authentication server.
7. **26th September 2024 – User Acceptance Testing**  
   Client team reviews and tests the dashboard.
8. **28th September 2024 – Deployment & Server Setup**  
   Deploy dashboard to the internal server and complete setup.
9. **30th September 2024 – Project Handover**  
   Final delivery, documentation, and training.

5. Support

We are committed to providing reliable, ongoing support for the Daikibo dashboard to ensure optimal performance and user satisfaction. Our technical support includes 24/7 system monitoring, prompt bug fixes, regular security updates, automated backups, and performance optimization. Users will have access to a dedicated help desk for technical issues, as well as training and up-to-date documentation. We guarantee a 99.5% system uptime, with response times of 2 hours for critical issues, 8 hours for high priority, 24 hours for medium, and 72 hours for low priority concerns.

Following launch, we offer intensive daily support for the first 30 days, weekly reviews for the next 90 days, and ongoing quarterly reviews thereafter. Our goal is to serve as your long-term technology partner, ensuring the dashboard continues to meet your business needs as they evolve. This proposal is valid for 30 days and estimates may be adjusted if the project scope changes