



Software Development Proposal

Deloitte.

1. Overview
















The purpose of this project is to create a private dashboard accessible within Daikibo's Intranet, providing real-time health status updates for the 9 machines in each of the 4 factories. The dashboard will be designed to display telemetry data collected from the machines, allowing users to monitor their performance and identify any potential issues promptly. The authentication process will be synchronized with Daikibo's internal authentication server, enabling users to leverage their existing company-wide accounts for seamless access.

2. Scope

The private dashboard will consist of a single page, presenting a comprehensive overview of the current statuses of all monitored devices. The interface will be designed to allow users to expand or collapse the view at both the factory and device levels. By expanding the view, users will be able to access the historical data and status logs for individual devices, aiding in troubleshooting and analysis.

Please refer to the attached graphics in the accompanying proposal document for a visual representation of the dashboard's layout and functionality.

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✓  Daikibo Factory Meiyo	Last update: <1min ago ◀
✓  Daikibo Factory Seiko	Last update: <1min ago ◀
✓  Daikibo Berlin	Last update: <1min ago ◀
✗  Daikibo Shenzhen	Last update: <1min ago ▼
✗  CNC	Last update: 2min ago ▼
✗  Status: Unhealthy	2min ago
✓  Status: Healthy	12min ago
Load More	
✓  LaserCutter	Last update: <1min ago ◀
✓  HeavyDutyDrill	Last update: <1min ago ◀
✓  SpotWelder	Last update: <1min ago ◀
✓  LaserWelder	Last update: <1min ago ◀
✓  MetalPress	Last update: <1min ago ◀
✓  Furnace	Last update: <1min ago ◀
✓  ConveyorBelt	Last update: <1min ago ◀
✓  AirWrench	Last update: <1min ago ◀

3. Estimate

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

Development:

- Front-end development: 120 hours
- Back-end development: 160 hours

Testing:

- Unit testing: 40 hours
- Integration testing: 60 hours

Integration:

- Authentication server integration: 40 hours

Total man-hours estimate: 460 hours

4. Timeline

The project will be divided into the following milestones:

- Requirements Gathering and Analysis: 1 week
- Design and UI/UX Development: 2 weeks
- Front-end and Back-end Development: 6 weeks
- Testing and Quality Assurance: 2 weeks
- Integration with Authentication Server: 1 week
- Deployment and User Acceptance Testing: 1 week

Total project timeline: 13 weeks

5. Support

Upon project completion, Deloitte will provide continuous support to ensure the smooth operation of the private dashboard. This includes addressing any bug fixes, support tickets, and future requests for additional functionality that may arise.

We are confident in our ability to deliver a high-quality private dashboard that meets your requirements and exceeds your expectations. Should you have any questions or require further clarification, please do not hesitate to reach out to us.

Thank you for considering our proposal. We look forward to the opportunity to work with you on this project.