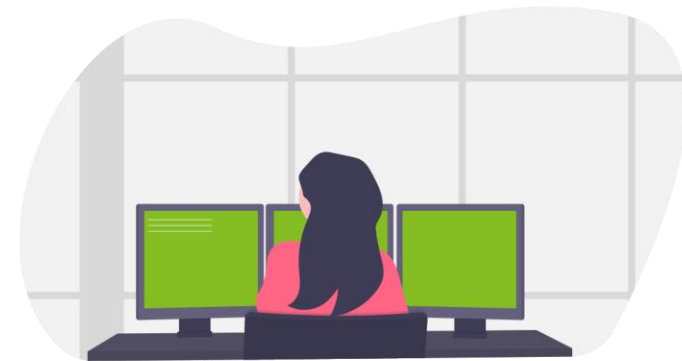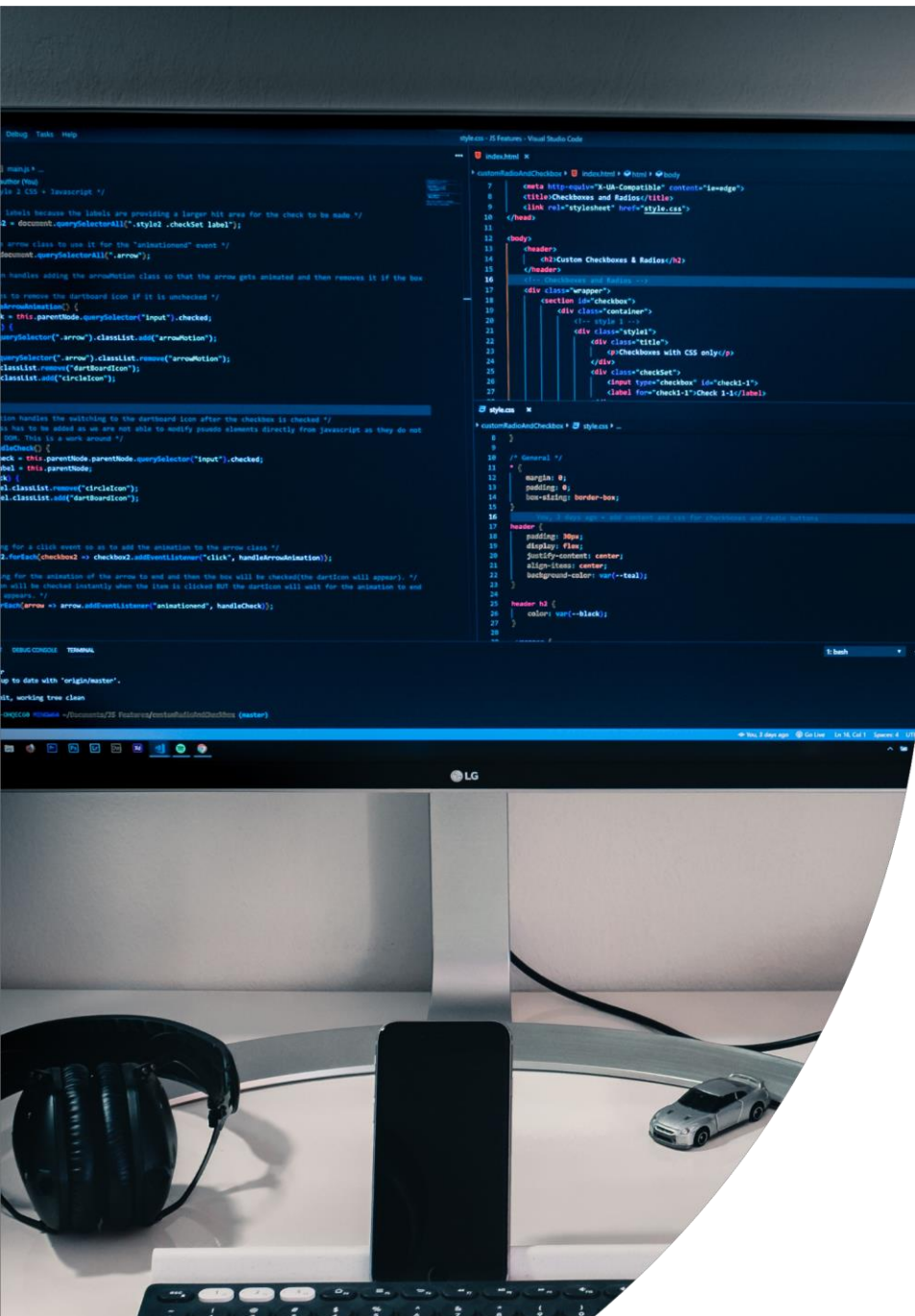# Software Development Proposal

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1. Overview

Deloitte is considered on the biggest companies in the accounting industry, but our expertise and range of service spans much further than only the accounting.

Deloitte is the brand under which tens of thousands of dedicated professionals in independent firms throughout the world collaborate to provide audit, consulting, financial advisory, risk advisory, and tax-related services to elite clients.

The Deloitte Software Department ability to build complex software solutions for our top-tier clients is something we are more than qualified to do. Our team of experts in the software development domain has provided high-quality and well-documented software to hundreds of Deloitte's clients.

We have crafted our Software Development Proposal for Daikibo's Telemetry Live Dashboard in this document.

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2. Scope

The main characteristics of the project are the following:

- A private dashboard with health status of the 9 machines in each of Daikibo's 4 factories.
- An intranet service for each client, which they use to get access to the page.
- Authentication is synced to internal authentication server (users can leverage their company-wide accounts).
- The dashboard consists of a single page, listing the current statuses of all monitored devices.
- The view is collapsible at a factory level, as well as device level (showing history of statuses).

A mock-up of the project is shown in the next page.

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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 ◀

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3. Estimate

Estimated time needed to get this project done: 350 man-hours

Design: 30 man-hours

Development: 170 man-hours

Testing: 60 man-hours

Integration: 90 man-hours

A team of 3 software engineers and 1 UX/graphic designer will be needed from the Deloitte team.

A DevOps engineer or Cloud engineer from the Daikibo team will be required, to set the authentication databases and servers

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4. Timeline

1. [1st of September 2021] **Design starts**

2. [6th of September 2021] **Design is sent to Daikibo team**

3. [7th of September 2021] **Feedback received and Design is finalized**

4. [8th of September 2021] **Development and Testing starts**

5. [31st of September 2021] **Development and Testing is done and demo is presented to Daikibo**

6. [8th of October 2021] **Development and Testing is finalized and Integration starts.**

7. [22th of October 2021] **Integration is completed and final work is presented to Daikibo.**

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5. Support

The main purpose of this proposal is the development and integration of the project; once the project is successfully deployed to Daikibo, the Deloitte team is open to bring support to the software built.

In case Daikibo needs support with the software, the team in charge can contact Deloitte's Software Department and request the support needed. However, the work detailed earlier doesn't include continuous support and any future updates and improvements will be invoiced separately

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