

1. Overview

***[An intro to the proposal and a high-level description of the project]***

Deloitte Touche Tohmatsu Limited, commonly referred to as Deloitte, is a multinational professional services network with offices in over 150 countries and territories around the world. Deloitte is one of the Big Four accounting organizations and the largest professional services network in the world by revenue and number of professionals, with headquarters in London, England.

Deloitte is known as leading global provider of audit and assurance, consulting, financial advisory, risk advisory, tax, and related services. Deloitte is part of the prestigious Big 4 and one of the world's most recognizable brands. It provides audit, consulting, tax, and advisory services to 90 percent of the Fortune 500 companies.

Analyzing offline data is great, but having a real-time overview of processes and smart alerts when things break is even better. Our client would like us to build a real-time manufacturing status dashboard.

Deloitte has been assigned a development project by Daikibo Industrials (Japanese Company) to monitor the health of 9 machines in its 4 factories each. They should make a Private Dashboard which should only consists of a single page containing options to view collapsible/expendable at a factory level and as a device level. This page could only be accessed with client’s intranet, also Authentication is to be synced to internal authentication server so that users can leverage their company wide-accounts.

2. Scope

[*Describe the project’s scope with all the features it will have. Use the wireframe image on the next page*]

Functionality of Project-

* Private dashboard with health status of the 9 machines in each of Daikibo's 4 factories, for which they collect telemetry - Having a real-time overview of processes and smart alerts when things break
* Access to the page happens only within client's Intranet – To allow only real and trusted users
* 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 – Real-time Monitor
* The view is collapsible/expandable(showing history of statuses) – To Monitor at device and at factory level

You can refer to wireframe image located on the next page for a visual reference. Please note, this is just a mock-up visual representation of the functionality.



3. Estimate

[*An estimate of the total number of man-hours needed to get this project done + a breakdown of those hours into Development, Testing, and Integration of the product in the client’s Intranet*]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Design | Development | Testing | Integration | Total |
| 48 | 192 | 48 | 72 | 360 |

\*man-hours

We are going to form an internal team of 3 Software Engineers, 1 Penetration Tester & 2 Graphic Designer.

NB!: We will require at least 2 Dev Ops Engineer from Daibiko’s to hand off the finished product and help us with access to authentication and telemetry database/servers.

4. Timeline

1. **[1st of September 2021]** Design starts
2. **[3rd of September 2021]** Design is Completed, Design Document sent to Daibiko for approval and feedback.
3. **[4th of September 2021]** Post-Approval, Development of page starts with some modification if client’s require.
4. **[12th of September 2021]** Development is Completed, Development Document sent to Penetration Testers for Testing of page vulnerabilities and proper functioning of site.
5. **[15th of September 2021]** Testing of Page is Complete, Testing Document sent to Daibiko for approval and feedback.
6. **[16th of September 2021]** Post-Approval Testing, Integration of Page with Authentication Server and Telemetry Database/Servers.
7. **[17th of September 2021]** Page is deployed with no errors and vulnerabilities in it while showing full status of all 9 machines in each 4 factories.

**Note**: After 3rd, 15th, 16th of September, I have given one day gap for Client’s Feedback, Approval and Deployment of Page respectively. Therefore, Total Days of SDLC is 15 days (18 days with Feedback Approval).

5. Support

[*Describe our ability to continuously support the product built in this project*]

Deloitte is also known for its after sales service. Main focus of proposal is development of project but after full deployment of site, it is necessary to be available to client for it’s after deployment issues like bug fixes, adding new functionality and reporting tickets. It involves maintenance and regular required updates. This step is when end users can fine-tune the system, if they wish, to boost performance, add new capabilities or meet additional user requirements.

Contact Information

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Hours of Operation

Regular Hours: Monday-Friday 8:30 a.m.-4:30 p.m.

Summer Hours: Monday-Friday 8:30 a.m.-4:00 p.m.

Note: Requests received after business hours or on holidays are addressed the next business day.

**Note: These all steps show are SDLC methods to develop a project in a phased manner.**