Consultant Tracker
User Manual

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1 System Overview

Consultant Tracker is a Human Resources Management application. It has 2 main classes of users: administrators and consultants. Administrators will be able to create projects, assign consultants to projects and view the projects and associated resources. The application will facilitate easy tracking of resource utilisation and comparisons between allocated and actual time spend on each assignment. Consultants will be able to view projects assigned to them and make comments on their progress.

2 System Configuration

Upon project completion, the Consultant Tracker application will be accessed through a mobile device, laptop or desktop through a web browser. No installation will be required as the application is available online and runs within a web-browser. An active internet connection will be required.

In the current development phase, to test the system, Eclipse Java EE IDE for Web Developers version Oxygen.3 Release (4.7.3) will be required. The SAP UI development toolkit for HTML5 (SAPUI5) will need to be installed under the "Help ⇒Install New Software" option available in the Eclipse menu. Apache Tomcat v9 server software will also need to be downloaded and installed. The installed server can then be added to Eclipse using the "File ⇒ New ⇒ Other ⇒ Server" option in the Eclipse menu. The application can now be run on that one machine, hosted locally.

3 Installation

Upon project completion, no installation will be required to run the application as it will be available online. Currently, one needs to download the source code from the Code Dynamic master branch on Github. The downloaded files can then be imported to Eclipse and run hosted locally on a Tomcat server.

4 Getting Started

The current implementation is based on the functional requirements of an administrator. The login/logout system has not been implemented yet, thus there are no section access restrictions.

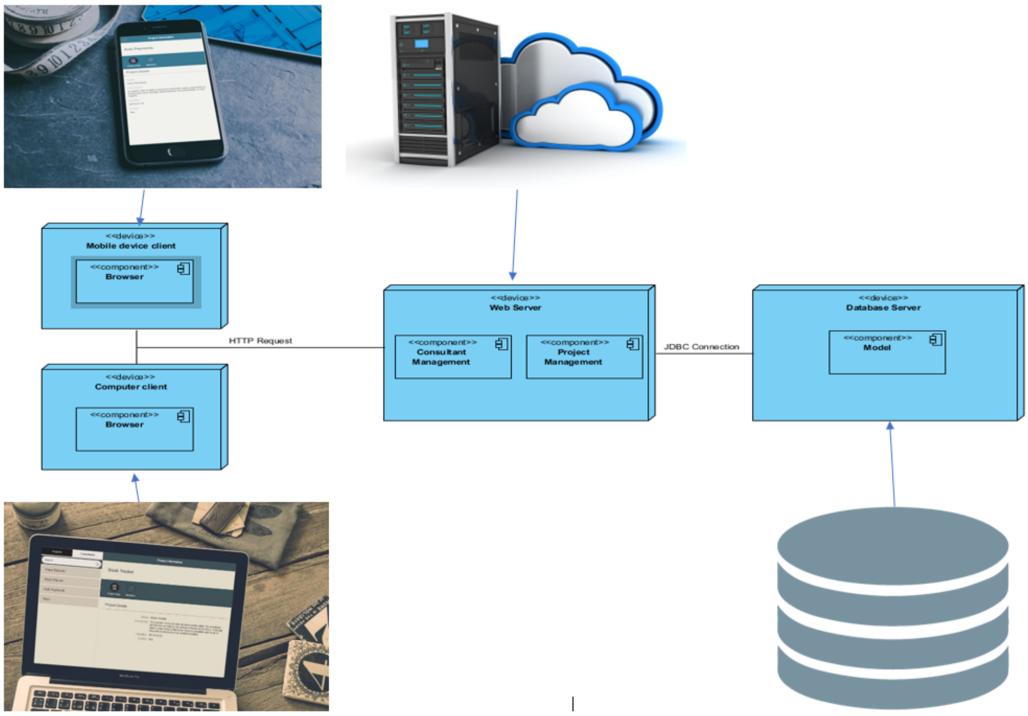

Figure 1: Deployment Picture

5 Using the system

5.1 Create Project

The Administrator (Admin) clicks on the “Add” button on the bottom left corner of the User Interface (UI). A form appears where they have to fill in project details. The admin clicks the “Submit” button to save the project.

5.2 Delete Project

The admin clicks on the “Remove Project” button on the bottom right corner of the UI. A dialogue appears asking them to confirm their action. Clicking the “Delete” button deletes the project.

5.3 Create Consultant

The admin clicks on the “Add” button on the bottom left corner of the UI. A form appears where they have to fill in product details. The admin clicks the “Submit” button to save the project.

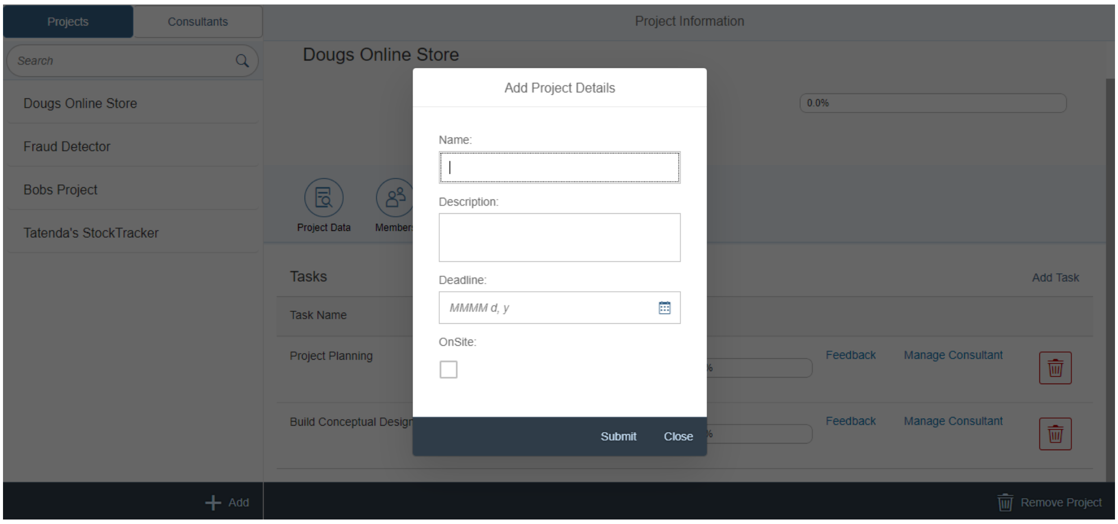

Figure 2: Creating Project

The admin clicks on the "Add Consultant" button on the right end of the UI. A dropdown with all the available consultants is shown. The admin selects 1 consultants and clicks the "Add" button.

5.4 View Project

The admin clicks on the "Projects" button on the top left section of the UI. A list of projects appears beneath the button. Clicking on any of the projects listed reveals the project information.

5.5 View Consultant

The admin clicks on the "Consultants" button on the top left section of the UI. A list of projects appears beneath the button. Clicking on any of the consultants listed reveals the selected consultants information.

5.6 Adding and Viewing Feedback

The admin clicks on the "Consultants" button on the top left section of the UI. A list of projects appears beneath the button. Clicking on any of the consultants listed reveals the selected consultants information.

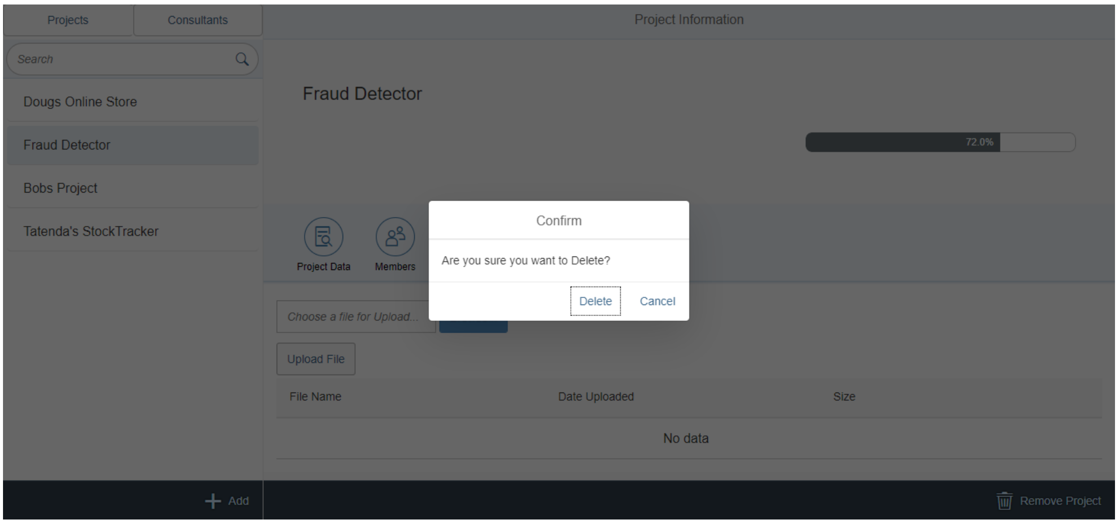

Figure 3: Delete Project

5.7 Adding and Viewing a Task

The admin clicks on the “Consultants” button on the top left section of the UI. A list of projects appears beneath the button. Clicking on any of the consultants listed reveals the selected consultants information.

6 Troubleshooting

To be implemented at a later stage.

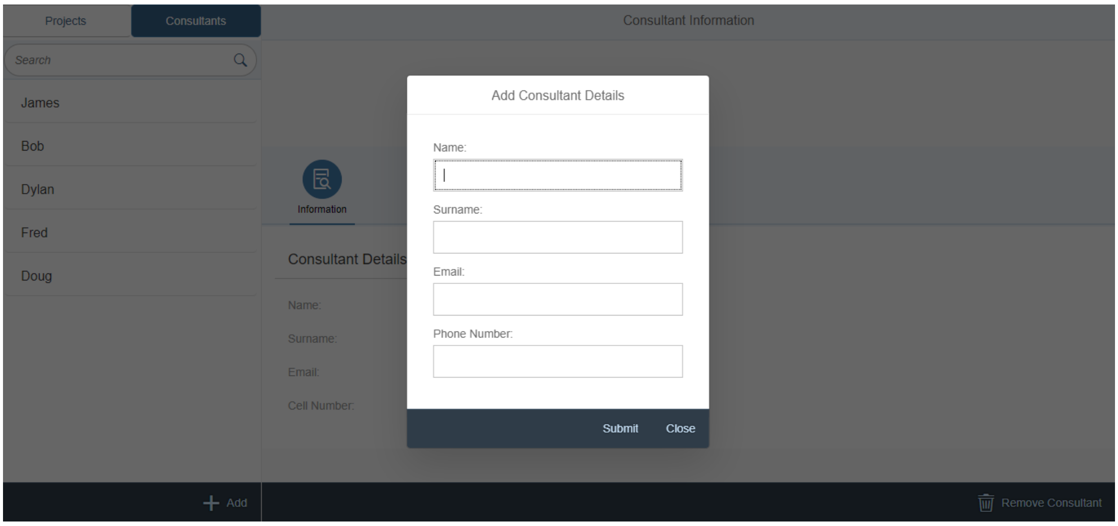

Figure 4: Create Consultant

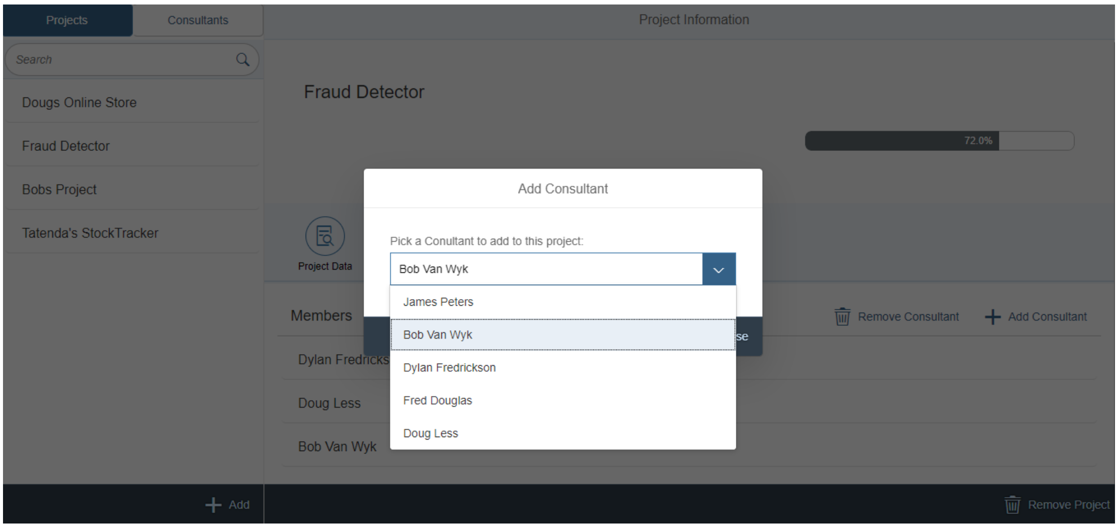

Figure 5: Add Consultant to Project

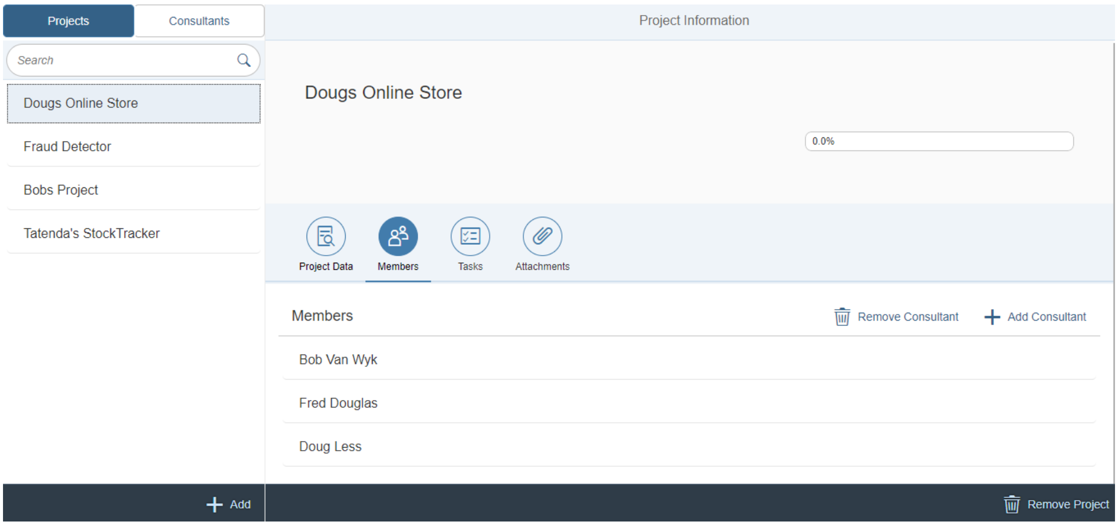

Figure 6: View Project

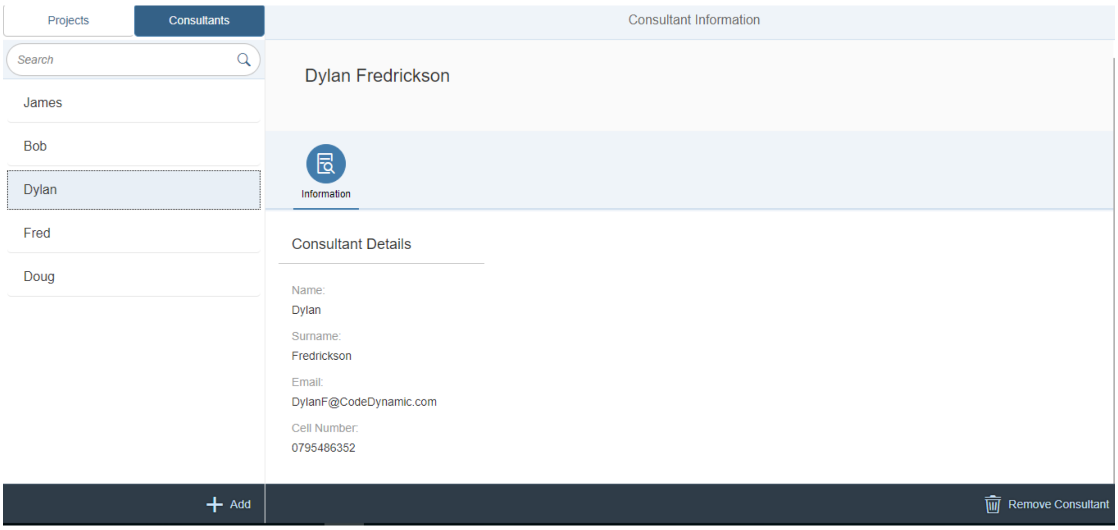

Figure 7: View Consultant

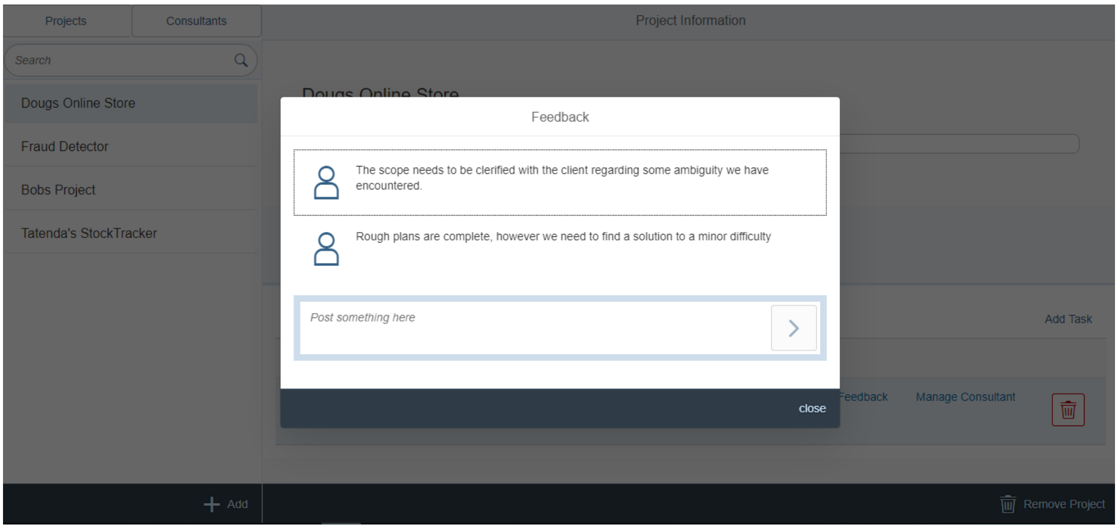

Figure 8: Adding Feedback

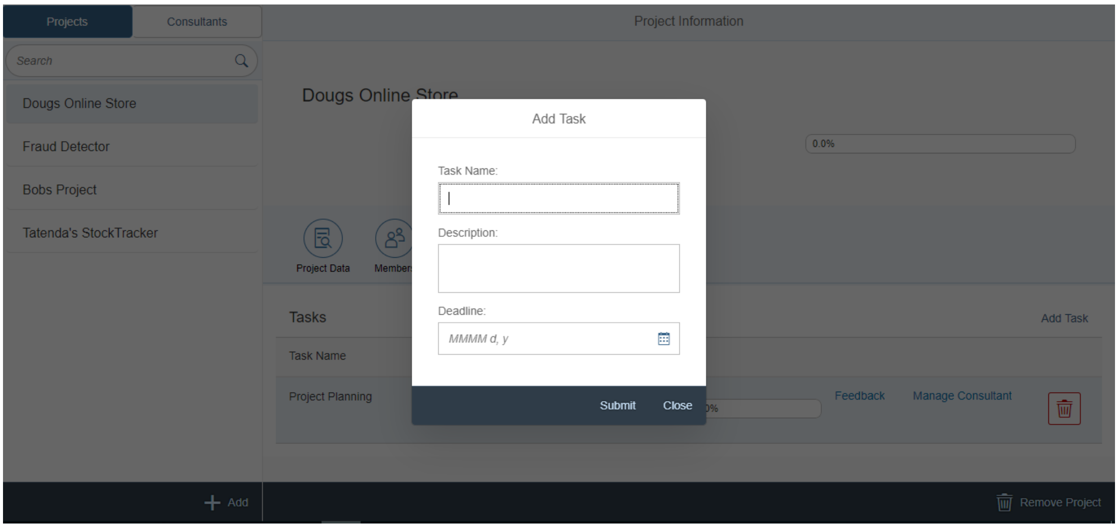

Figure 9: Adding Task