Inspection and evidence control system

(EviWare)

Project Overview

This system will be built on web platform that will manage personal documents and business-related financial documents on a single platform without having any manual paper work. It manages Supply chain management from source to destination with proper flow of goods by providing quality assurance and quality control. This centralized platform will use different machine learning techniques to verify proper quality and quantity of goods. This makes it easy to follow product and process chain of supply by simply reviewing reports which answer who, what, where and when for every element you see.

Problem and Solution Statement

It is possible to have multiple users or task tracker in particular job. To maintain flow of entities, inspection and evidence, everyone will have to manage it manually by maintaining physical documentation of each and every process. Most of the time it would be very difficult to do paper work if tasks or documents are too large with respect to code, time or complexity.One will require the single platform which helps the users to perform and manage complex task or evidence without doing any manual work.

The proposed system will feature different modules that will ensure the proper flow of documents and related task to all those who are concerned with a job.

A system that would be able to manage users, their documents, authentication and verification of team members, forms for task, flow of entities from source to destination with proper validation, assets that are required to perform different task etc.

Benchmark (How this solution is better?)

Whenever this type of system will be introduced to user, it is necessary to have one most important feature that would be able to manage or prepare single Job/Task. After implementation of the solution, user will be able to create job with job details, task that has to be done, agents who will manage task, assets etc. User will be able to share job with others who are responsible to actively participate in job.

After job is created successfully, user can generate report as per his format as there would be different formatting options available. Mail will be sent to user by which he can easily download report.

In job, different attachment options would be there to attach images or documents in different format.

Implementation strategy

After successful registration and verification, user will be able to login into system and can use functionalities provided by the system. First UX designer will create basic mockups for the user interface using different designing tools such as photoshop, Adobe Illustrator etc. With the help of it front end will design using HTML, CSS, Bootstrap, JavaScript, Angular etc. Asp.net Core

will be use to create Web services and APIs and other backend functionalities. PostgreSQL and AWS services is also need to manage resources, data and storage.

The initial phase of implementation is to learn and go through basic training of the technologies needed for implementation of assigned work. Second phase is requirements gathering with questions and assumptions and basic mockups of the task. Third phase would be implementation of interactive user interface and binding data with backend functionality and other modules.

Contributors

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