

Requirements specifications

WorkWise Connect

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May 23, 2024

Introduction

This document outlines all the requirements for the WorkWise Central project. In this document all functional and quality requirements as well as architectural and technology requirements for this project will be specified in detail. The document also provided the user stories, use case diagrams and class diagrams for the project.

Project overview

WorkWise Central is a management tool for service delivery businesses. The main objective of this project it to create a tool that any service-delivery business can use to manage their employees, jobs and inventory as seamlessly as possible.

Function requirements

Authorization and Authentication subsystem

- R1. The system must allow an new user to sign up
 - R1.1 The system must allow the user to sign up using their email address.
 - R1.2 The system must allow the user to sign up using Google or Facebook.
- R2. The system must allow a user to log in to an existing account.
 - R2.1 The system must allow a user to log in using their email.
 - R2.2 The system must allow the user to log in using Google or Facebook.

Settings subsystem

- R1. The system must allow the user to view their profile.
 - R1.1 The system must display the users
 - R1.2 The system must display
- R2. The system must allow the user to edit their profile.
 - R2.1 The system must allow the user to change their
 - R2.2 The system must allow the user to log in using Google or Facebook.

Employee Management subsystem

- R1. This subsystem must only be available to the following users:
 - R1.1 Managers
- R2. The system must allow a user to log in to an existing account.

Job Management subsystem

Manager Job management

Employee Job management

Inventory management subsystem

Manager Inventory management

Employee Inventory management

Real-time Communication and notification subsystem

Reporting subsystem

Feedback subsystem

User Stories

Service contract

Class diagram

Architectural requirements

Quality requirements

Architectural Patterns

Design Patterns

Constraints

Technology Requirements