Software Requirements Specifications

Workflow management system for non-crime related activity

# 1. Introduction

## 1.1 Purpose

The system requirements for workflow management for non-crime related activity at the Yorkshire and Humber Regional Organised Crime Unit (YHROCU). The system is designed to improve task management as well as efficient workflow, tracking and reporting. This system aims to improve productivity, accountability via a structured framework for handling tasks and monitoring progress

## 1.2 Document Conventions

This document follows the specifications for software requirements. Fonts sizes are 12 and font theme Times New Romans. Special Significance such as key features will be highlighted, Standard terminology and numbered structuring for sections and subsections will be in place as well as clear definitions throughout the document for easy understanding.

## 1.3 Intended Audience and Reading Suggestions

This document is intended for developers, client, project manager and end users. Readers should read the overview sections before proceeding to the technical details ensuring a clear understanding of all system requiremnts before implementation.

## 1.4 Product Scope

The workflow management system is a web applicagtion which is design to improve task management for support activites ensuring efficent workflow tracking and reporting. This system aims to enhance productivity and accountability using a structured framwork to handle taks and moniter all progress.The primary goal for this system is to bring task transparancy, workflow automation, performance tracking and seamless communication.

## 1.5 References

Refrences will be provided as needed including system archetecture frameworks and relevent documentatrion for easy understanding.

# 2. Overall Description

## 2.1 Product Perspective

This system is a replacement for an existing system used by the YHROCU to manage their workflow. This system aims to replace and improve their existing system enableing them for more efficient workflow resulitng higher success rates overall.

## 2.2 Product Functions

• Task assignment to individuals or groups

• Email notifications for new tasks

• Task status updates, due dates, and progress logs

• Restriction on task deletion by staff members

• Supervisory access for task monitoring

• Supervisors' ability to close or delete tasks

• Dashboard for task categorization and filtering

• Data export (CSV/PDF)

• Custom fields for task flexibility

• Search functionality

• Secure authentication using OpenAuth or similar

• Detailed reporting and analytics

## 2.3 User Classes and Characteristics

• Staff Members: Can view, update, and track tasks assigned to them.

• Supervisors: Can assign, monitor, close, and delete tasks.

• Administrators: Manage user roles, permissions, and system settings.

## 2.4 Operating Environment

This system will be a web-based system which will be accessible via all modern browsers and can be hosted on secure and internal servers as well as cloud infrastructure. This system will be compatiobale woth all operating systems such as Windows, MacOS and Linux.

## 2.5 Design and Implementation Constraints

* Must comply with YHROCU IT security policies and GDPR regulations.
* Should support OpenAuth or equivalent authentication.
* Must be scalable for future improvents and updates, including API integrations.

## 2.6 User Documentation

User manuals, FAQs, and training materials will be provided. Interactive help guides will be provided.

## 2.7 Assumptions and dependencies

* Internet connectivity for web-based access
* Compliance with organizational security policies

# 3. External Interface Requirements

## 3.1 User Interfaces

* Web-based UI with intuitive navigation
* User-friendly design

## 3.2 Hardware Interfaces

No specific hardware requirements beyond standard computing devices

## 3.3 Software Interfaces

* Intergration with email servers for notificaitons
* Security support through OpenAuth

## 3.4 Communications interfaces

* Secure HTTPS communication
* Email notifications for task managment and assignments

# 4. System features

## 4.1 Task managment