A coat of arms with white birds and a book

Description automatically generated

**University Of Bradford**

**Department of Computer Science**

**Requirements Specification Document and Prototype Implementation**

*Workflow management system for non-crime*

*related activity for Yorkshire and Humber Regional Organised Crime Unit (YHROCU)*



Team 1

Contents

**Project Brief**

|  |  |
| --- | --- |
| **Project Name** | Workflow management system for non-crime related activity for Yorkshire and Humber Regional Organised Crime Unit (YHROCU) |
| **Project Overview** | YHROCU requires an enhanced workflow management system to streamline non-crime related activities within its department. The system aims to efficiently manage support tasks assigned to staff, facilitating both individual and collaborative work. |
| **Project Objectives** | * Develop a web-based system for task assignment and management. * Improve communication by sending email notifications to staff when tasks are assigned. * Enable staff to update task status, due dates, review dates, and input progress updates into a rolling log. * Prevent deletion of tasks or any previous updates. * Provide supervisory access to view all tasks, with options to restrict visibility as needed. * Allow supervisors to close or delete tasks. * Implement a dashboard for task categorization, summarization, and filtering based on status or due date. * Include export functionality (CSV or PDF) for data analysis and reporting. * Ensure flexibility by allowing addition of new data fields to tasks for future adjustments. * Incorporate a search function for efficient task retrieval. * Implement user authentication using OpenAuth or similar for compatibility with existing infrastructure. |
| **Timeline** | Depicted in the attached Gantt chart. |
| **Stakeholders** | * YHROCU Management Team * YHROCU Staff Members * External Development Team (if applicable) * University of Bradford * Team 1 |
| **Risks** | * Potential delays due to unexpected technical challenges. * User adoption challenges. * Compatibility issues with existing infrastructure. * Project not being completed to a good standard for 15th March * Insufficient security measures leading to GDPR violations |
| **Success criteria** | * Successful implementation and adoption of the workflow management system by YHROCU staff. * Improved efficiency in task management and communication within the department. * Positive feedback from users regarding system usability and effectiveness. * A good mark in the Enterprise pro module |