***ITSE Group Work Diary Form***

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| **Student Name** | **Email** | **Work Diary Agreed Tasks** |
| David Adegeloye | [c2020232@hallam.shu.ac.uk](mailto:c2020232@hallam.shu.ac.uk) | Front-end - Design User Interface, Design Use Case Diagram, Complete User Storie, Complete Figma Prototype, Code Application |
| Odi Ehimuan | [c3018521@hallam.shu.ac.uk](mailto:c3018521@hallam.shu.ac.uk) | Front-end - Design User Interface, Design Use Case Diagram, Complete User Storie, Complete Figma Prototype, Code Application |
| Igor Jankowski | [c2053730@hallam.shu.ac.uk](mailto:c2053730@hallam.shu.ac.uk) | Back-end - Design Database, Design Entity Relationship + C4 Model Diagram, Implement Database into the Application |
| Abdirizak Mumin | [c1053702@hallam.shu.ac.uk](mailto:c1053702@hallam.shu.ac.uk) | Back-end - Design Database, Design Entity Relationship + C4 Model Diagram, Implement Database into the Application |

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| PROJECT NAME | PROJECT MANAGER | START | END | PROJECT DELIVERABLE |
| Inventory Management System | David A. | 1/10/2024 | 07/01/2025 | Web Application |

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| **TASK** | **FEATURE TYPE** | **RESPONSIBLE** | **START**  **DATE** | **END  DATE** | **DURATION** in days | **STATUS** | **NOTES** |
| SPRINT 1 | Prototype | David A. | 01/10/2024 | 01/11/2024 | 31 Days | Completed | Have a completed Figma Prototype + Database by the end of this month. |
| Define User Stories | Front-End | David | 04/10/2024 | 31/10/2024 | 27 Days | Completed | Defined User Stories for clear functionality and objective of the application. |
| Use Case Diagram | Front-End | David | 04/10/2024 | 31/10/2024 | 27 Days | Completed | Designed Use Case Diagram for even more clarity on functionality. |
| UI/UX | Front-End | David | 10/10/2024 | 31/10/2024 | 21 days | Completed | The entire UI of the application has been designed and is ready to code. |
| Prototype SCRUM Sheet | Front-End | David | 10/10/2024 | 31/10/2024 | 21 days | Completed | An entire road map of the application features and priority of features was completed and ready to use. |
| Design Database | Back-End | Igor / Abdirizak | 13/10/2024 | 31/10/2024 | 18 Days | In Progress - 70% | Designed a functioning SQL Database with all the accurate information needed for the application. |
| Design Entity Relationship Diagram | Back-End | Igor / Abdirizak | 13/10/2024 | 31/10/2024 | 18 Days | In Progress - 70% | Designed an ER Diagram, accurately representing how all the entities interact with each other in the database. |
| Design C4 Model Diagram | Back-End | Igor / Abdirizak | 13/10/2024 | 31/10/2024 | Days | Completed | System architecture documentation using C4 model approach |
| SPRINT 2 | Application | David A. | 03/11/2024 | 04/05/2025 | 36 Days | In Progress – 70% | Have a complete, fully functioning application by the due date. |
| Register Page | Front-End | David | 01/10/2024 | 10/10/2024 | 10 Days | Completed | User registration page completed. |
| Account Type Page | Front-End | David | 11/10/2024 | 20/10/2024 | 10 Days | Completed | Account type selection page. |
| Login Page | Front-End | David | 21/10/2024 | 30/10/2024 | 10 Days | Completed | User login interface finished. |
| Manage Store Pages | Front-End | David | 01/11/2024 | 15/11/2024 | 15 Days | Completed | Includes adding and editing store details. |
| SM-WM.Dashboard Page | Front-End | David | 16/11/2024 | 25/11/2024 | 10 Days | Completed | Shared dashboard for store and warehouse managers. |
| CM.Dashboard Page | Front-End | David | 26/11/2024 | 05/12/2024 | 10 Days | Completed | Dashboard for category managers. |
| WM.Dashboard Page | Front-End | David | 06/12/2024 | 15/12/2024 | 10 Days | Completed | Warehouse manager dashboard created. |
| Settings Pages | Front-End | David | 16/12/2024 | 25/12/2024 | 10 Days | Completed | User settings customization features. |
| SaleAssoc.Dashboard Page | Front-End | David | 26/12/2024 | 04/01/2025 | 10 Days | Completed | Dashboard for sales associates. |
| TopSellingStockPage | Front-End | David | 05/01/2025 | 07/01/2025 | 3 Days | Completed | Page for top-selling stock items. |
| MVC Diagram | Back-End | Igor/Abdi | 01/11/2024 | 15/11/2024 | 15 Days | Completed | Model-View-Controller architecture defined. |
| Entity Relationship Diagram | Back-End | Igor/Abdi | 01/10/2024 | 20/10/2024 | 20 Days | Completed | Database entity relationships modeled. |
| Low Quantity Stock Page | Front-End | David | 08/01/2025 | 12/01/2025 | 5 Days | Completed | Page for items with low quantities in stock. |
| Orders Page | Front-End | Odi | 01/11/2024 | 10/11/2024 | 10 Days | Completed | Page for managing and viewing orders. |
| Reports Page | Front-End | Odi | 11/11/2024 | 20/11/2024 | 10 Days | Completed | Page for financial metrics and analytics. |
| Inventory Page | Front-End | Odi | 21/11/2024 | 30/11/2024 | 10 Days | Completed | Page for inventory management. |
| product-details{id} Page | Front-End | Odi | 01/12/2024 | 10/12/2024 | 10 Days | Completed | Page for detailed product information. |
| All Invoice Pages | Front-End | Odi | 11/12/2024 | 20/12/2024 | 10 Days | Completed | Pages for invoice creation and management. |
| Authentication System | Back-End | Igor/Abdi | 01/10/2024 | 20/10/2024 | 20 Days | Completed | Secure login, registration, and role-based access control developed. |
| Order Management System | Back-End | Igor/Abdi | 21/10/2024 | 10/11/2024 | 20 Days | In Progress – 60% | Handled order creation, status updates, and inventory integration. |
| Invoice Generation System | Back-End | Igor/Abdi | 11/11/2024 | 30/11/2024 | 20 Days | Completed | Logic for creating and storing invoices. |
| Report Generation | Back-End | Igor/Abdi | 01/12/2024 | 15/12/2024 | 15 Days | Completed | Calculated metrics for sales, revenue, and profit. |
| Low Stock Alert System | Back-End | Igor/Abdi | 16/12/2024 | 31/12/2024 | 15 Days | In Progress – 0% | Implemented tracking and notifications for low-stock items. |
| Database Optimization | Back-End | Igor/Abdi | 01/01/2025 | 07/01/2025 | 7 Days | In Progress – 20% | Optimized queries and ensured database integrity. |