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| **Project/System: DigiHub Business System** |
| **Project Address:** Santol Street, General Santos City |
| **Group members:**  **1. Bangonon, Edriane O.**  **2. Dosdos, Erjay C.**  **3. Pecayo, Joshua I.**  **4. Verola, Aira P.** |

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| **Use case name: Manage Inventory** | | **ID: 1** | **Importance Level:**  High |
| **Primary Actor:** Owner/Staff | | | |
| **Short Description:** Allows the user to add, update, and view inventory items with real-time stock tracking. | | | |
| **Trigger:** User logs in and selects “Inventory” from the system menu.  **Type: (✓)External ( ) Temporal** | | | |
| **Major Inputs :** Item name, quantity, price | | **Major Outputs :** Updated inventory list | |
| **Description**  Product details entered | **Source**  User | **Description**  Updated inventory records | **Destination**  System database |
| **Major Steps Performed**  1. User selects manage inventory  2. System displays the current list of products.  3. User adds, edits, or deletes items.  4. System updates the inventory.  5. | | **Information for Steps**  Each update automatically adjusts stock levels and logs changes for reporting. | |

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| **Use case name: Record Sales** | | **ID: 2** | **Importance Level:**  High |
| **Primary Actor:** Owner / Employees | | | |
| **Short Description:** Records customer purchases and updates inventory quantities automatically. | | | |
| **Trigger:** A sale transaction occurs.  **Type: (✓)External ( ) Temporal** | | | |
| **Major Inputs :** Product ID, quantity sold, total amount | | **Major Outputs :** Sales receipt, updated stock | |
| **Description**  Sale data input | **Source**  User | **Description**  Sale record saved | **Destination**  System database |
| **Major Steps Performed**  1. User opens sales.  2. User inputs sale details.  3. Sale record saved, and receipt is generated.  4.  5. | | **Information for Steps**  Each sale reduces stock count and stores data for reporting and profit analysis. | |

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| **Use case name:** Generate Reports | | **ID: 3** | **Importance Level:**  Medium |
| **Primary Actor:** Owner | | | |
| **Short Description:** Generates summary reports for inventory, sales, expenses, and profit. | | | |
| **Trigger:** User selects generate report.  **Type: (✓)External ( ) Temporal** | | | |
| **Major Inputs :** Report type, date range | | **Major Outputs :** On-screen report | |
| **Description**  Report request | **Source**  User | **Description**  Summary report | **Destination**  Display output |
| **Major Steps Performed**  1. User chooses report type (sales, inventory, profit).  2. System retrieves data from database.  3. Report is generated and displayed.  4.  5. | | **Information for Steps**  Reports are formatted with tables and charts to show trends and summaries. | |

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| **Use case name:** Calculate Profit and Expenses | | **ID: 4** | **Importance Level:**  High |
| **Primary Actor:** Owner | | | |
| **Short Description:** Automatically computes profit or loss by analyzing recorded sales and expenses. | | | |
| **Trigger:** User clicks view profit or system generates report.  **Type: (✓)External ( ) Temporal** | | | |
| **Major Inputs :** Sales and expense data | | **Major Outputs :** Profit/Loss summary | |
| **Description**  Transaction records | **Source**  System database | **Description**  Computed profit/loss | **Destination**  Report output |
| **Major Steps Performed**  1. User accesses profit & expense section.  2. System computes total profit or loss.  3.  4.  5. | | **Information for Steps**  Profit = Total Sales – Total Expenses, calculated automatically each month. | |

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| **Use case name:** Low Stock Alert | | **ID: 5** | **Importance Level:**  Medium |
| **Primary Actor:** Owner/System | | | |
| **Short Description:** System sends alerts when product quantities reach a predefined low level. | | | |
| **Trigger :** Stock quantity falls.  **Type: (✓)External ( ) Temporal** | | | |
| **Major Inputs** Inventory levels | | **Major Outputs** Notification message | |
| **Description**  Stock check | **Source**  System | **Description**  Alert message | **Destination**  computer / mobile notification |
| **Major Steps Performed**  1. System monitors inventory levels.  2. Detects low stock condition.  3. Generates low stock alert message.  4. Displays alert on dashboard  5. | | **Information for Steps**  Alerts prevent stockouts by notifying the user early. | |

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| **Use case name:** | | **ID:** | **Importance Level:** |
| **Primary Actor:** | | | |
| **Short Description:** | | | |
| **Trigger:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **Type: (✓)External ( ) Temporal** | | | |
| **Major Inputs** | | **Major Outputs** | |
| **Description** | **Source** | **Description** | **Destination** |
| **Major Steps Performed**  1.  2.  3.  4.  5. | | **Information for Steps** | |