BS2202: Object Oriented Software Development

Project Proposal

# Introduction

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| --- | --- |
| **Stock Management System Name:** | JD sports stock system |
| **Stock Management System Description:**  *(500 words max)* | This stock management system will store data about the stock at a JD sports, this will be categorised into different sections: Clothes, Sports equipment, Shoes.this will have data about how many are: On display, In storage and any orders for the item. I will also try implement a selling/ buying prototype into the software where we could simulate how we would order and sell items. Hopefully being able to show profit margins and more detailed statistics on each item |

# Key System Features

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| --- |
| * Categories of items therefore meaning more than one type of item as well as more than one option per type. * Ability to see current stock * Ability to buy and sell products from the software * Ability to print and see details about a specific item * Ability to search for an item * Ability to see total profit made on specific items |

# Core Item List

For this section I will just put an example of an item for each category

|  |  |  |
| --- | --- | --- |
| **Item Description** | **Cost Price** | **Selling Price** |
| Adidas sports shirt | 10.00 | 25.00 |
| Nike football | 1.00 | 12.99 |
| Walking boots | 25.00 | 85.00 |

# Functional Requirements

|  |  |  |
| --- | --- | --- |
| **Req. ID** | **Requirement Description** | **Priority** |
| 1 | You will be able to see the current stock of items that are in store | High |
| 2 | You will be able to sell items from the program | Mid |
| 3 | You will be able to buy items from the program | Mid |

# Non-functional Requirements

|  |  |
| --- | --- |
| **Req. ID** | **Requirement Description** |
| 4 | You will be able to search for items within the program |
| 5 | You will be able to see specific details about each product |
| 6 | You will be able to print out the details for each product |
| 7 | You will be able to see total profit made on specific items |