Report: Object-Oriented Analysis, Design & Programming  
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Course: Prog 10004 Programming Principles  
Professor: Muhammad Asif   
Due date: November 6th, 2022  
Github Link: https://github.com/Mikeball1/Prog-Assign-2-Sales-Predictor.git

**Tables:**

|  |  |
| --- | --- |
| No. | Object |
| 1 | Item |

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Object | Datatype: User defined Class | Datatype: Predefined Class / Type (Python) |
| 1. | Item | Product | Not Applicable |

UML Diagram:

|  |
| --- |
| Product |
| procode: int  proSalePrice: string  proManu: int  Stoklev: int  MonUnit: int |

**Difficulties Encountered:**  
An issue I encountered during the creation of the code is if the user inputted a value type that could not be converted into an integer. This would cause an error in the program and in order to resolve it, I used the isdigit() function to first check if the datatype can be converted to a string. If it can be, I would then proceed to convert the string to integer, and if it cannot be converted, the program requests a new input from the user that applies to the conditions.

**Limitations:**  
A limitation my program has is the inability to repeat the code for another product.

Text

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Table

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