|  |  |
| --- | --- |
| **Application Name:** | Front Desk Application |
| **Developer** | Raphael P. Tejada |
| **Programming Language:** | Python |
| **IDE & IDE Version:** | Idle 3.9.8 |
| **In Memory / Database Approach** | In-memory Approach |

**Requirements**

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Description** | **Priority** | **Status** |
| 1 | As a FrontDeskApp user, I want to create a new storage customer from first name, last name, and phone number personal information so that I can store and retrieve packages for that customer | Must Have | Done |
| 2 | As a FrontDeskApp user, I want to check small, medium, or large areas for availability in the storage areas so I can accept or reject the customer box.   1. Small boxes area only accepts small boxes; Medium boxes area only accepts medium boxes; Large boxes area only accepts large boxes 2. If there is enough availability for the customer, FrontDeskApp should accept; otherwise inform user the boxes cannot be accepted (not enough space). | Must Have | Done |
| 3 | As a FrontDeskApp user, I want to record when boxes are stored / Retrieved from the storage | Must Have | Done |
| 4 | As a FrontDeskApp user, I want to see the remaining availability of the boxes area.  Show remaining availability for small, medium, and large box area | Bonus | Done |
| 5 | As a FrontDeskApp user, I want to check availability of other storage facilities to better serve the customers and reserve a spot for them in another facility is full | Bonus |  |
| 6 | Optionally manage the data for the requirements above using Relational Database + SQL. This will include the tables to store the data and the SQL to read / write from your application code | Bonus |  |

**Notes:**

|  |  |
| --- | --- |
| **#** | **Description** |
| 1 | When storing / retrieving the information of created customers the user must input the index of the customer starting from zero ‘0’ |