Storage Manager Web Interface

Introduction:

The Grocery Delivery System (GDS) will be a system that interacts with customers and Storage managers (SMU) to create a shopping experience. This implementation will be for the Storage managers and provide a portal that will allow them to check the status of orders, information on storage, and financial information. These users will also be able to utilize backdoors provided by the system so that they or IT staff may fix incorrect data and orders.

The Grocery Delivery System shall have a portal for storage managers to check and update the location and amount of different goods, and record the storage transactions (in and out of goods) by way of viewing orders. The system should also monitor the freshness of goods and send out alerts when certain items are in short or when they are going to pass their used-by date. These alerts may be viewed.

Requirement Table

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| --- | --- | --- |
| Identifier | Requirement | Priority Weight |
| REQ1 | GDS shall provide a portal for storage managers | 5 |
| REQ2 | GDS shall monitor the freshness and availability of goods | 3 |
| REQ3 | GDS shall send alerts to storage managers about goods | 3 |
| REQ4 | GDS shall maintain the information of delivery drivers, including their basic information, availability, and real-time location. | 2 |
| REQ5 | GDS shall provide information on storage transactions | 5 |
| REQ7 | GDS SMU shall be able to login using a personalized account | 4 |
| REQ8 | GDS shall allow SMU to check and update their product inventory | 5 |
| REQ9 | GDS shall allow SMU to check and update product location | 5 |
| REQ10 | SMU manages GDS notifications | 3 |

**Use-Case Table**

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| --- | --- | --- | --- |
| Actor | Use Case | Use Case Description | Requirement |
| SMU | UC-1: AccessSMUPortal | Allows storage managers to login their portal | REQ1,7 |
| SMU | UC-2:  CheckGoodAvail | Allows SMU to check the availability and freshness of their stored products | REQ2 |
| SMU | UC-3:  UpdateGoodStock | Allows SMU to update the goods’ location and count | REQ2,8,9 |
| SMU | UC-4:  CreateUser | Creates a user | REQ7 |
| SMU | UC-5:  FillOutOrder | Allows the SMU to fill out an order or storage transactions | REQ8,9 |
| SMU | UC-6:  ManageNotifications | Allows SMU to manage when and how notifications will be sent | REQ10 |
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