System analysis’s task 3 requirements doc

This document includes information on the requirements needed for an online supermarket system I will explain each requirement in detail and why it is needed.

1. **“The system must be able to expand as the business grows”**

This will be necessary because

* With an increasing number of customers more items will be in higher demand so to achieve a fast delivery more stores or warehouses or staff members will be needed to achieve deadlines
* New items/deals should be able to be added to the online store to keep interested in the company.

1. **“The expansion work would be outsourced so there is a need for all documentation regarding this build to be stored and documented.”**

* This will need to be stored due to in case of an accidental sever wipe as a backup.
* so, the customer can re-order their favourite items with ease

1. **“3 stores”**

There must be 3 stores on initial opening because

* It will lower the congestion rate of the workload.
* Easy for customers to access
* Fewer products will be unavailable.

1. “**system is kept up to date**. “

* For minimal bugs
* Item offers or discounts that may change in stores
* Sends reminders to regular customers when they are near their standard delivery date.
* Keeps track of similar searched products and favourite items.
* To keep performance speed at the same rate as the release
* Keeps hold of customer records and old/new addresses.
* Staff rotor schedule

1. “**stock from each store to be accounted for and distributed fairly”**

* Doing so saves the company money
* Keeps track of what the most popular items are to avoid going out of stock
* Stock checkers after each pick order to keep track of remaining items again to avoid going out of stock and reorder when running out of stock.

1. **“delivery drivers to access the system when they are on their delivery routes”**

* To confirm that it is the correct address
* To confirm it is the correct order
* If there are any notes about how the order is delivered such as knock-on window, go around back etc.
* To log when the order is delivered

1. **The finance team “Will need access to data from each store.** **The finance department holds a lot of paper records that they would like to transfer to the system**.”

* Past orders needed to be accessible on the system they’re for either the need to hire types to write up old data or buy / rent scanners.

1. **“Manager or his deputy to be able to access stock levels quickly and at any time.”**

* Accessibility always will be needed to maintain stock levels, view popular items and distribute when needed.
* Doing so they will be able to create a table of “stock levels, sales per week/month, Sales per store, wage bill and expenditure reports.”

1. **“putting protocols in place to stop users who are underage from ordering alcohol and cigarettes. “**

* On account creation there needs to be a verification of age by using card detail or id,

1. **Customer details /“Customers will need to sign up or log in to the system via a secure username and password.”**

* This will be needed so the customer can swiftly order items and keep track of details such as address. This will be stored to maintain the effectiveness
* Their card details will be stored also to provide swift payment and lack of duplicate input and to also prove their age.
* A form of contact will be also stored so they can receive a notification of an estimated delivery time and date.
* Customers can favourite products, so it is easier to navigate