***SYSTEM REQUIREMENTS SPECIFICATIONS***

***FOR THE PROJECT***

***INVENTORY CONTROL MANAGEMENT SYSTEM***

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***1. Introduction:***

Inventory control management system is used for various reasons in the business it can track the costs of inventory throughout the manufacture and sales process, tells the manager when to refill your stock. Allow the businesses to track profit. It is very use full in every type of business.

***2. Detailed Introduction:***

***2.1. Purpose:***

We make software for the restaurant. The purpose of making this software is to help the restaurant manager to manage the restaurant more effectively and efficiently by computerizing meal ordering, billing and inventory control. With this, we can reduce the work of the employees those are work in restaurant.

***2.2. Scope:***

The project aims for giving an effective interface deal with their basic need stock dependent on sold item. Toward the finish of every day the system analyzes the total sale of menu items and proportionately deducts appropriate amount from the resource database. Then it compares the current available resources with the threshold level of each product. If it finds that certain products are below the threshold, it will generate a purchase order for those items and send it to the manager or admin for approval. The system also checks expiry date of resources. If any resource nears the end of its expiry date, it would inform to the manager the details of the quantity that is near its expiration date.

***2.3. Customer:***

Everyone who come and order anything from menu.

***2.4. Platform:***

It will be launched both as a Web-based and Mobile app.

***2.5. Deliverables:***

I will deliver the following during development of the software:

* Feature specification.
* Product design.
* Test plan.
* Development document.
* Source code.

***2.6. Schedules:***

The time estimated to complete the Inventory Management System project is short. There will be three major stages

1. Prototype stage.
2. Beta release stage.
3. Final release stage.

We will need 2 weeks of designing the architecture and implementing core features and 5 weeks of adding functionality and testing. The project can be completed by 8 or 10 peoples in at most 7 to 8 weeks.

***3. Functional requirements:***

***3.1. Food Order Through App:***

Customer can order through the App but it need internet or Wi-Fi connection.

***3.2. Take Order:***

The manager will take the order and it is available to make then he will confirm the order and then start to prepare the food.

***3.3. Serve Food:***

When the food is ready to be served then the manager alter the waiter. And then waiter will serve the food.

***3.4. Payment:***

The cashier will receive the payment if customer is a member then he or she will get discount.

***3.5. Available Things:***

The manager will add the things that are available and the admin can see that data.

***3.6. Required Things:***

The manager will add the things that are required for store.

***3.7. Feedback:***

It is the public response that the customer gives to that company about food and it services.

***4. Nonfunctional requirements:***

***4.1. Usability:***

The system must be easy to use for both managers and customers. The system must be quickly accessible. Simple it displays all relevant data and relationships.

***4.2. Reliability:***

System successfully adds anything. To avoid any changing in data system must provide a password enabled login to the user. System should not able to update the data in any database for any failed processes.

***4.3. Performance:***

System must complete updating the databases, adding of recipe, ingredient, seller and occasions successfully every time the user requests such a process. All the functions of the system must be available every time for the user.

***4.4. Legal:***

The software must be licensed for small companies and multi-license deal for larger companies.