



Project Title	Online Grocery Order System
Technologies	MERN
Domain	Food
Project Level	Difficult

Table

Contents

1. Problem Statement:	2
.....	2
2. Functionalities provided by Online Grocery ordering System	2
2.1. Modules:	2
3. Project Evaluation metrics:	3
3.2. Database:	3
3.3. API Details or User Interface:	3
3.4. Deployment:	3
3.5. Solutions Design:	3
3.6. System Architecture:.....	3
3.7. Optimization of solutions:	3
4. Submission requirements:	



.....	4
4.1. High-level Document:	4
4.2. Low-level document:	4
4.3. Architecture:	4
4.4. Wireframe:	4
4.5. Project code:	4
4.6. Detail project report:	4
4.7. Project demo video:	4
4.8. The project LinkedIn a post:	4

1. Problem Statement:

The main objective of this project is to manage the details of Grocery, Customer, Order, stock Product. It manages all the information about Grocery, Address, Product, Grocery. The Purpose of the project is to build an application program to reduce the manual work for Managing the Grocery, Customer, address, order. It tracks all the details about order, stock

2. Functionalities provided by Online Grocery ordering System

- It offers the ability to search depending on a number of factors. like groceries, orders, stocks, and products.
- It can track all the information of Customers, Address, Stock etc.
- It can manage the information of customer.
- It deals with monitoring the information and transactions of Stock.
- Manage the information of Grocery.
- Editing, adding and updating of records is improved which results in proper resource management of Grocery data.
- Integration of all records of Product.
- It generates the report on Grocery, Customer, Address.
- Provide filter reports on order, Stock, product.



- You can easily export PDF for the grocery, address, stock.

2.1. Modules:

- Product Module: Used for managing the details of Product.
- Grocery management Module: Used for managing the Grocery details.
- Address Module: used for managing the details of Address.
- Customer Management Module: used for managing the information and details of the customer.
- Order module: Used for managing the Order details.
- Stock module: Used for managing the stock information.
- Login module: Used for managing the login details.
- User Module: used for managing the users of the system

3. Project Evaluation metrics:

3.1. Code:

- You are supposed to write code in a modular fashion
- Safe: It can be used without causing harm.
- Testable: It can be tested at the code level.
- Maintainable: It can be maintained, even as your codebase grows.
- Portable: It works similarly in every environment (operating system).
- You have to maintain your code on GitHub.
- You must keep your GitHub repo public so anyone can check your code.
- Proper readme file you have to maintain for any project development.
- You should include the basic workflow and execution of the entire project in the readme file on GitHub.
- Follow the coding standards.

3.2. Database:

MongoDB is a source-available cross-platform document-oriented database program. Classified as a NoSQL database program, MongoDB uses JSON-like documents with optional schemas.

3.3. API Details or User Interface:

You have to expose your complete solution as an API or try to create a user interface for your model testing. Anything will be fine for us.

3.4. Deployment:

Deploy the application on your preferred service.

3.5. Solutions Design:



You have to submit complete solution design strategies in High-level Document (HLD), Low-level Document (LLD), and Wireframe documents.

3.6. System Architecture:

You have to submit a system architecture design in your wireframe document and architecture document.

3.7. Optimization of solutions:

Try to optimize your solution on the code level, and architecture level, and mention all of these things in your final submission.

4. Submission requirements:

4.1. High-level Document:

You have to create a high-level document design for your project. You can reference the HLD form below the link.

Sample link: [HLD Document Link](#)

4.2. Low-level document:

You have to create a Low-level document design for your project; you can refer to the LLD from the link below.

Sample link: [LLD Document Link](#)

4.3. Architecture:

You have to create an Architecture document design for your project; you can refer to the Architecture from the link below.

Sample link: [Architecture sample link](#)

4.4. Wireframe:

You have to create a Wireframe document design for your project; refer to the Wireframe from the link below.

Demo link: [Wireframe Document Link](#)

4.5. Project code:

You have to submit your code to the GitHub repo in your dashboard when the final submission of your project.

Demo link: [Project code sample link](#)

4.6. Detail project report:

You have to create a detailed project report and submit that document as per the given sample.

Demo link: DPR sample link



4.7. Project demo video:

You have to record a project demo video for at least 5 Minutes and submit that link.

The project LinkedIn a post:

You have to post your project details on LinkedIn and submit that post link in your dashboard in your respective field.

