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## **1 Introduction:-**

- VBT Material Distribution is online material distribution system.
- This system is provided online materials and programs.
- The system allow user to customize and run programs to check output.

### **1.1 Existing System:-**

- The existing manual process If faculty send material to student, they use whatsapp and email.
- If faculty need to send program and output, need particular environment to run program and check output.
- In this system hard to find materials and programs.

### **1.2 Need For The New System: -**

- This system is a bunch of benefits from various point of views. As this online application enables the student to collect materials online.
- Also, the Program can be run through online without any environment which is more convenience.
- Faculty upload assignment questions and student can upload assignment in online mode.

### **1.3 Objective Of The New System :-**

- The object of this system is student get materials and programs online.
- This system aims to distribute material with minimal efforts.

### **1.4 Problem Definition:-**

- We are going to build a website and application named as VBT Material Distribution System that will have several features such as;
  - Admin
    - Add Department
    - Add Semester
    - Add Subject
    - Add Student
    - Add Faculty
    - Assign Semester to batch
    - Assign Subject to Semester
    - Assign Subject to Faculty
    - Assign Batch to Student
  - Faculty
    - Add Material
    - Add Programs
    - Add Assignment
    - View Student Upload Assignment
    -
  - Faculty
    - Add Material
    - Add Programs
    - Upload Assignment
    - Change Profile

**1.5 Core Component:-****✓ Introduction**

- In this chapter we mentioned the software and hardware requirements, which are necessary for successfully running this system.
- The major element in building systems is selecting compatible hardware and software. The system analyst has to determine what software package is best for the online food fest system.

**✓ System environment**

- After analysis, some resources are required to convert the abstract system into the real one.
- The hardware and software selection begins with requirement analysis, followed by a request for proposal and vendor evaluation.
- Software and real system are identified. According to the provided functional specification all the technologies and its capacities are identified.
- Basic functions and procedures and methodologies are prepared to implement. Some of the Basic requirements such as hardware and software are described as follows: -

**✓ Software requirement**

Technology	Php >8.0 Laravel 9, Flutter
IDE	Visual studio code
Client Side Technologies	Java script ajax flutter
Server Side Technologies	Laravel 9
Data Base Server	mysql
Operating System	Windows 10

**✓ Hardware requirements**

Processor	Pentium-III (or) Higher
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Ram	2GB (or) Higher
Hard disk	80GB (or) Higher

### 1.6 Project Profile:-

<b>Project Title</b>	<b>FOOD FEST SYSTEM</b>
<b>Organization</b>	VBT Infosystems, Bardoli.
<b>Submitted To</b>	Vidyabharti Trust College Of Master in Computer Application
<b>Client side/front end</b>	HTML, BOOTSTRAP, CSS, JAVASCRIPT, JQUERY, Flutter
<b>Server side/Back end</b>	PHP 7.4 (CodeIgniter Frame Work )
<b>Other Tools</b>	XAMPP Control panel, Star UML, Microsoft Word, Visual Studio Code
<b>Platform</b>	Windows 10
<b>Project Duration</b>	4 Months
<b>Team Members</b>	2
<b>Team Members Name</b>	Patel Dhvanilkumar Kalpeshkumar [205740694012] Patel Fenil Ashwinbhai [205740694023]
<b>Guide</b>	Mayank.M. Jain

### 1.7 Assumptions and Constraints:-

- Must have basic knowledge of computer.
- Internet Connection is mandatory.

Three modules:-

- **Admin module**
- **Faculty module**

### ➤ **Student module**

- It is a totally computerized System.
- Our website provides **Material and Programs** but in future we extend our project, we also provide many more facility.
- We can provide addon options with online exam.

### **1.8 Advantages and Limitations of the Proposed System:-**

#### **Advantages:**

- ❖ There are following advantages of these system, listed below:
  - Faculty can easily share materials and programs.
  - If student check program output than They can change and check output.
  - Easily access material.

#### **Limitations**

- ❖ Besides the above achievements and the successful completion of the project, we still feel the project has some limitations, listed as below:
  - ✓ Faculty Cannot track and manage student attendance.

## **2. Requirement Determination & Analysis:**

### **2.1 Requirement Determination:**

- Information requirements determination is the process in which a systems analyst develops an understanding of the problem to be solved and a definition of users' needs for a proposed information system.
- Behavioral and technical information is gathered concerning goals, processes, tasks, and data requirements for the system.
- Requirements determination is generally thought to be the most critical phase of information systems development, and poor requirements determination is one of the leading causes of information systems failures.

### **2.2 Targeted User:**

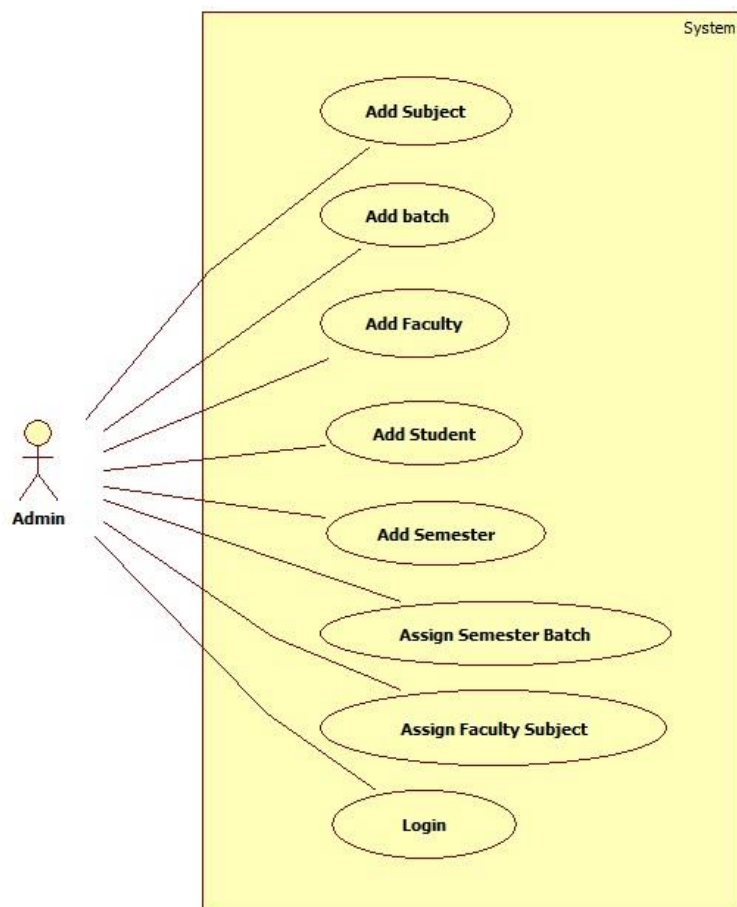
- Admin
  - Add Department
  - Add Semester
  - Add Subject
  - Add Student
  - Add Faculty
  - Assign Semester to batch
  - Assign Subject to Semester
  - Assign Subject to Faculty
  - Assign Batch to Student
- Faculty
  - Add Material
  - Add Programs
  - Add Assignment
  - View Student Upload Assignment

- Student
  - Add Material
  - Add Programs
  - Upload Assignment
  - Change Profile

## **3. System Design:**

### **3.1. Use Case Diagram:**

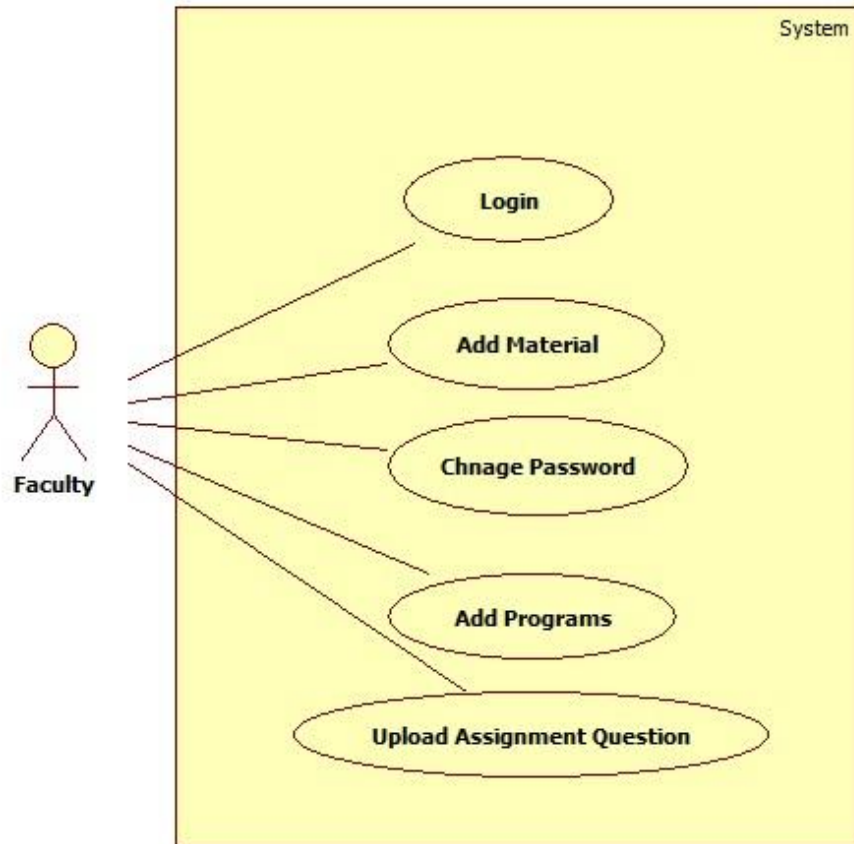
**ADMIN:**





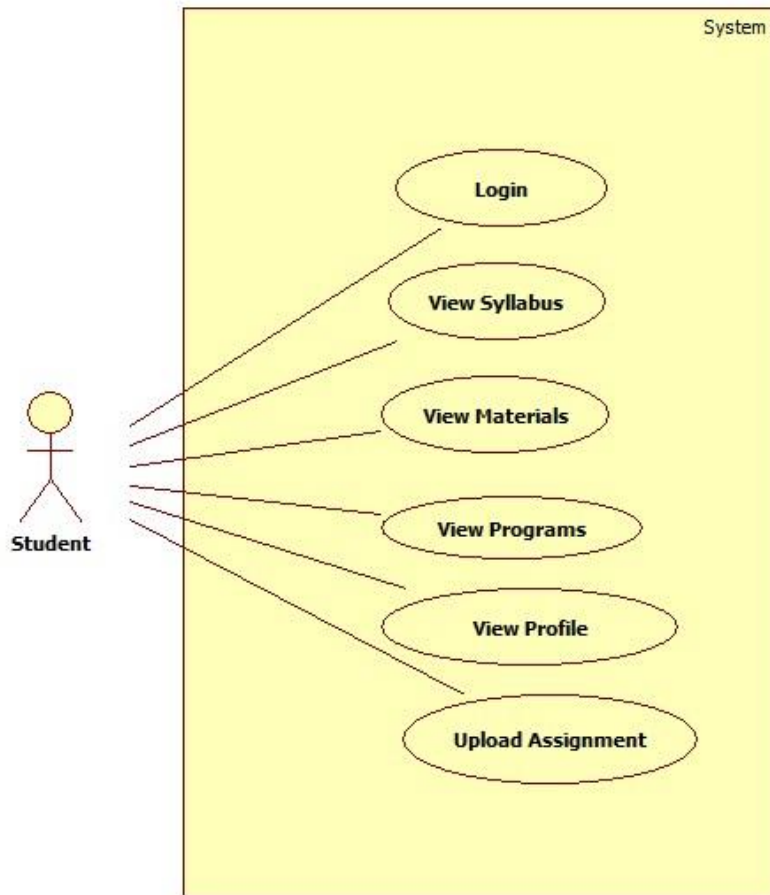
# FOOD FEST

**Faculty:**



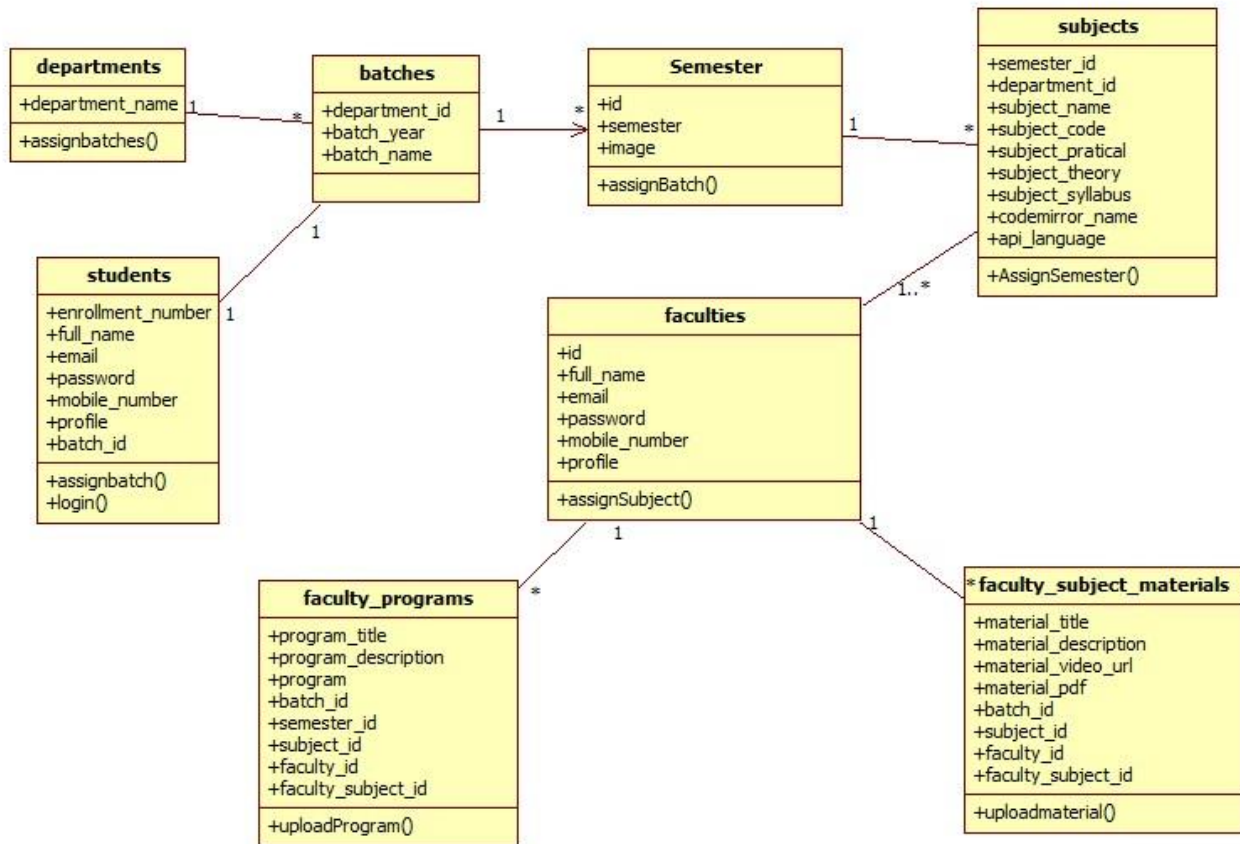
# FOOD FEST

## Student



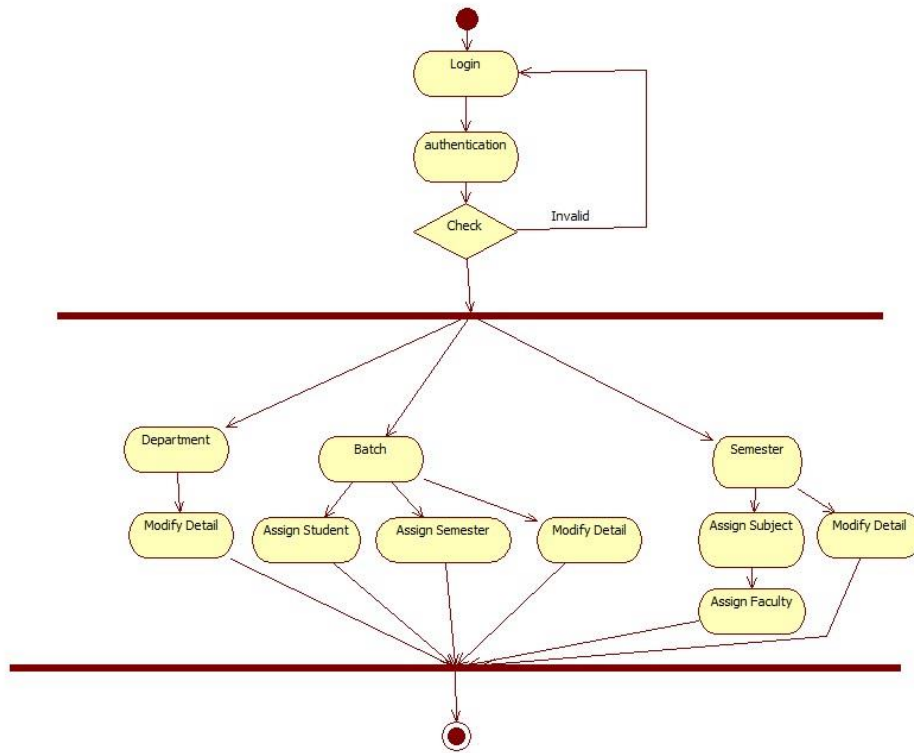
# FOOD FEST

## Class Diagram



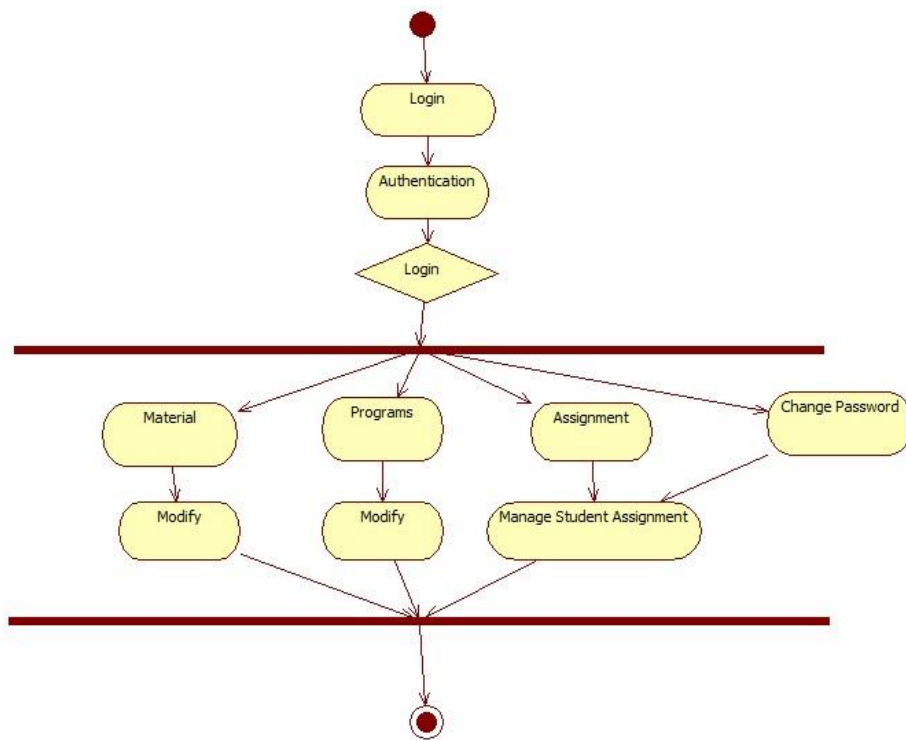
# FOOD FEST

## Activity Diagram



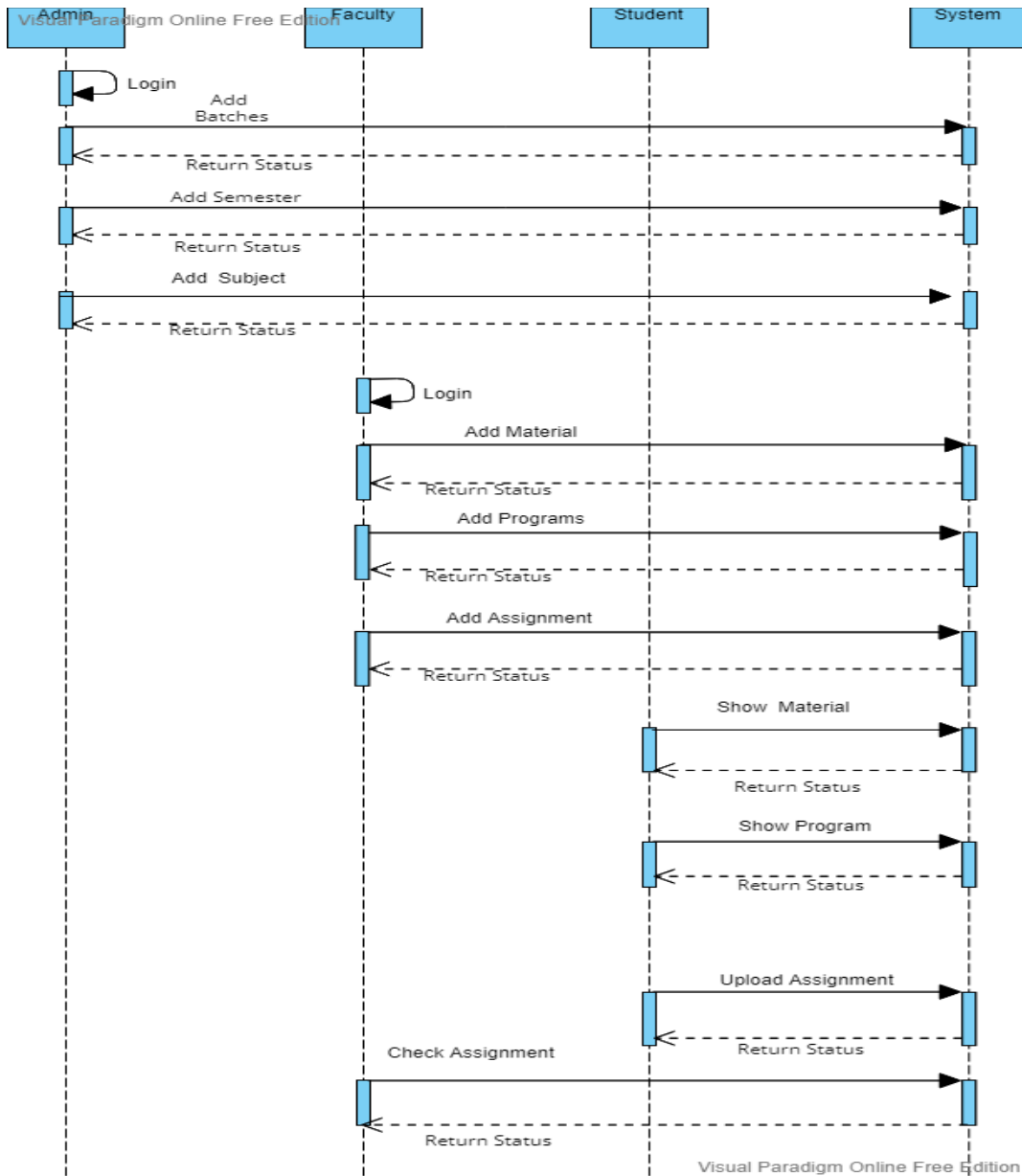
## Faculty Activity Diagram

# FOOD FEST



Interactive Diagram

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**3.5. Data Dictionary :-****1) Table name:- tbl\_admin**

Sr. No	Field Name	Data Type	Constrains
1	id	int	Not Null, Primary Key, Auto Increment
2	name	Varchar(255)	Default Null
3	pass	Char(255)	Default Null

**2) Table name:- tbl\_user**

Sr. No	Field Name	Data Type	Constrains
1	id	Int(11)	Not Null, Primary Key, Auto Increment
2	first	char(255)	Default Null
3	last	char(255)	Default Null
4	User_email	char(255)	Default Null
5	User_pass	char(255)	Default Null
6	makedate	Datetime	Default Null
7	set_news	Int(11)	Default Null
8	Profile	varchar(255)	Default Null
9	groups	Int(11)	Default Null
10	phone	varchar(255)	Default Null

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### 3) Table name:- tbl\_cart

Sr. No	Field Name	Data Type	Constrains
1	Id	Int(11)	Not Null, Primary Key, Auto Increment
2	product	Char(255)	Default Null
3	Counts	Char(255)	Default Null
4	Total	Float	Default Null
5	Pay_status	Int(11)	Default Null
6	Created_by	Int(11)	Default Null
7	Makedate	Datetime	Default Null
8	Collection	Int(11)	Default Null
9	Addon	Varchar(255)	Default Null
10	Addon_count	Varchar(255)	Default Null

### 4) Table name:- tbl\_choice

Sr. No	Field Name	Data Type	Constrains
1	id	Int(11)	Not Null, Primary Key, Auto Increment
2	name	Char(255)	Default Null
3	img	Char(255)	Default Null
4	price	float	Default Null
5	product_info	varchar(255)	Default Null
6	makedate	datetime	Default Null
7	thumb	Varchar(100)	Default Null



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### 5) Table name:- tbl\_discount

Sr. No	Field Name	Data Type	Constraints
1	Id	Int(11)	Not Null, Primary Key, Auto Increment
2	Code	varchar(30)	Default Null
3	Type	Int(11)	Default Null
4	Type_value	float	Default Null
5	usage_count	Int(11)	Default Null
6	customer	Varchar(255)	Default Null
7	start_date	Date	Default Null
8	end_date	date	Default Null

### 6) Table name:- tbl\_item

Sr.No	Field Name	Data Type	Constraints
1	id	int(11)	Not Null, Primary Key, Auto Increment
2	Sub_id	int(11)	Not Null
3	Item_id	int(11)	Not Null
4	quantity	int(11)	Default Null
5	serving	varchar(255)	Default Null

### 7) Table name:- tbl\_logs

Sr. No	Field Name	Data Type	Constraints
1	Id	int(11)	Not Null, Primary Key, Auto Increment
2	User	int(11)	Not Null
3	log_date	datetime	Default Null

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### 8) Table name:- tbl\_main

Sr. No	Field Name	Data Type	Constrains
1	Id	int(11)	Not Null, Primary Key, Auto Increment
2	kind	int(11)	Not Null
3	name	char(255)	Default Null
4	price	char(255)	Default Null
5	img	char(255)	Default Null
6	limits	int(11)	Default Null
7	info	text	Default Null

### 9) Table name:- tbl\_stripe\_customer

Sr. No	Field Name	Data Type	Constrains
1	id	Int(11)	Not Null, Primary Key, Auto Increment
2	email	varchar(255)	Default Null
3	customer_id	varchar(255)	Not Null

### 10)Table name:- tbl\_stripe\_subscription

Sr. No	Field Name	Data Type	Constrains
1	id	Int(11)	Not Null, Primary Key, Auto Increment
2	order_id	Int(11)	Not Null
3	stripe_customer_id	varchar(255)	Not Null
4	stripe_subscription_id	varchar(255)	Not Null

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### 11) Table name:- tbl\_subscription

Sr. No	Field Name	Data Type	Constraints
1	id	Int(11)	Not Null, Primary Key, Auto Increment
2	cart_id	Int(11)	Not Null
3	order_date	datetime	Default Null
4	order_status	Int(11)	Default Null
5	pay_status	Int(11)	Default Null
6	skip_by	varchar(100)	Default Null
7	skip_date	datetime	Default Null
8	shipping_address	text	Default Null
9	skip_ip_address	varchar(100)	Default Null
10	added_on	varchar(50)	Default Null

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### 12) Table name:- tbl\_user\_address

Sr. No	Field Name	Data Type	Constraints
1	Id	int(11)	Not Null, Primary Key, Auto Increment
2	user_id	int(11)	Not Null
3	first	char(255)	Default Null
4	last	char(255)	Default Null
5	code	char(255)	Default Null
6	phone	char(255)	Default Null
7	Address1	char(255)	Default Null
8	Address2	char(255)	Default Null
9	Status	int(11)	Default Null
10	state	char(255)	Default Null