AHSANULLAH UNIVERSITY OF SCIENCE & TECHNOLOGY

Department of Computer Science & Engineering

COURSE TITLE : DATABASE LAB

COURSE NO : CSE 3104

PROJECT PROPOSAL

Project Name : Tailor Shop Management System

Section : C
Group No : C2-05
Year & Semester : 3rd Year 1st Semester

Group Members :

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Project Proposal :

➢ Motivation :

- **It is very difficult to store the necessary information like customer's information, Dress details etc. using register copy .**
- **There is a risk of losing any information and data using register copy .**
- **It is very difficult to search any previous information and data using register copy .**
- **It is also very difficult to organized all the works and maintain the delivery date using register copy .**

By using database , all those problems mentioned above can be solved and handled easily and smartly .

➢ Prospective Clients for Software :

✓ **Any types of Tailor like Smart Tailor Shop .**

➢ Searching Options Descriptions :

- **Customer_ID :** By using Customer_ID , all the information of a customer can be found out .
- **Phone_Number :** By using Phone_Number , all the information of a customer can also be found out .
- **Order_ID :** By using Order_ID , all the information of an order can be found out .
- **Dress_ID :** By using Dress_ID , all the information of a Dress like Dress_name , cost can be found out .

Project Structure :

➢ Tables & Attributes :

- **Table 1 : Customer_Info**

Attributes Name	Description	Type	Length
Customer_ID	Unique id for each customer	varchar	9
Customer_Name	Name of a customer	varchar	25
Phone_Number	Phone number of a customer	varchar	11
Gender	Gender of a customer	varchar	6
Address	Contact address of a customer	varchar	25
Number_of_order	Number of order of a customer	int	---

- **Table 2 : Order_List**

Attributes Name	Description	Type	Length
Customer_ID	Unique id for each customer	varchar	9
Order_ID	Unique id for each order	int	---
Order_Date	Order receiving date	date	---

Delivery_Date	Dress delivering date	date	---
Dress_ID	Unique id for each type of dress	varchar	6
Cost	Dress preparing cost	int	---
Discount	Discount rate on the cost	int	---

- **Table 3 : Dress_Category**

Attributes Name	Description	Type	Length
Dress_ID	Unique id for each type of dress	varchar	9
Dress_Name	Name of a Dress	varchar	15
Cost	Dress preparing cost	int	---

- **Table 4 : Deliveried_Dress**

Attributes Name	Description	Type	Length
Customer_ID	Unique id for each customer	varchar	9
Order_ID	Unique id for each order	int	---
Order_Date	Order receiving date	date	---
Delivery_Date	Dress delivering date	date	---

Dress_ID	Unique id for each type of dress	varchar	6
Cost	Dress preparing cost	int	---
Discount	Discount rate on the cost	int	---

- **Table 5 : Measurements**

Attributes Name	Description	Type	Length
Serial_Number	Serial Number of the Dress list	int	---
Order_ID	Unique id for each order	int	---
Neck	A part of measurement	double	---
Chest	A part of measurement	double	---
Height	A part of measurement	double	---
Wrist	A part of measurement	double	---
Hip	A part of measurement	double	---

➢ Tables Keys :

Table Name	Attributes Name	Key Type
Customer_Info	Customer_ID	Primary Key

Order_List	Customer_ID	Foreign Key
	Order_ID	Primary Key
	Dress_ID	Foreign Key
Dress_Category	Dress_ID	Primary Key
Deliveried_Dress	Customer_ID	Foreign Key
	Order_ID	Primary Key
	Dress_ID	Foreign Key
Measurements	Serial_Number	Primary Key
	Order_ID	Foreign Key

Project Design :

➢ ER Diagram :