

A PROJECT REPORT ON

Tailor Management

SUBMITTED TO :



**Geetanjali College of Computer
Science and Commerce (BBA)**

AFFILIATED TO :

Saurashtra University

ACADEMIC YEAR:

2024-2025

PROJECT GUIDE:

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PREPARED BY :

Gohel Dhara

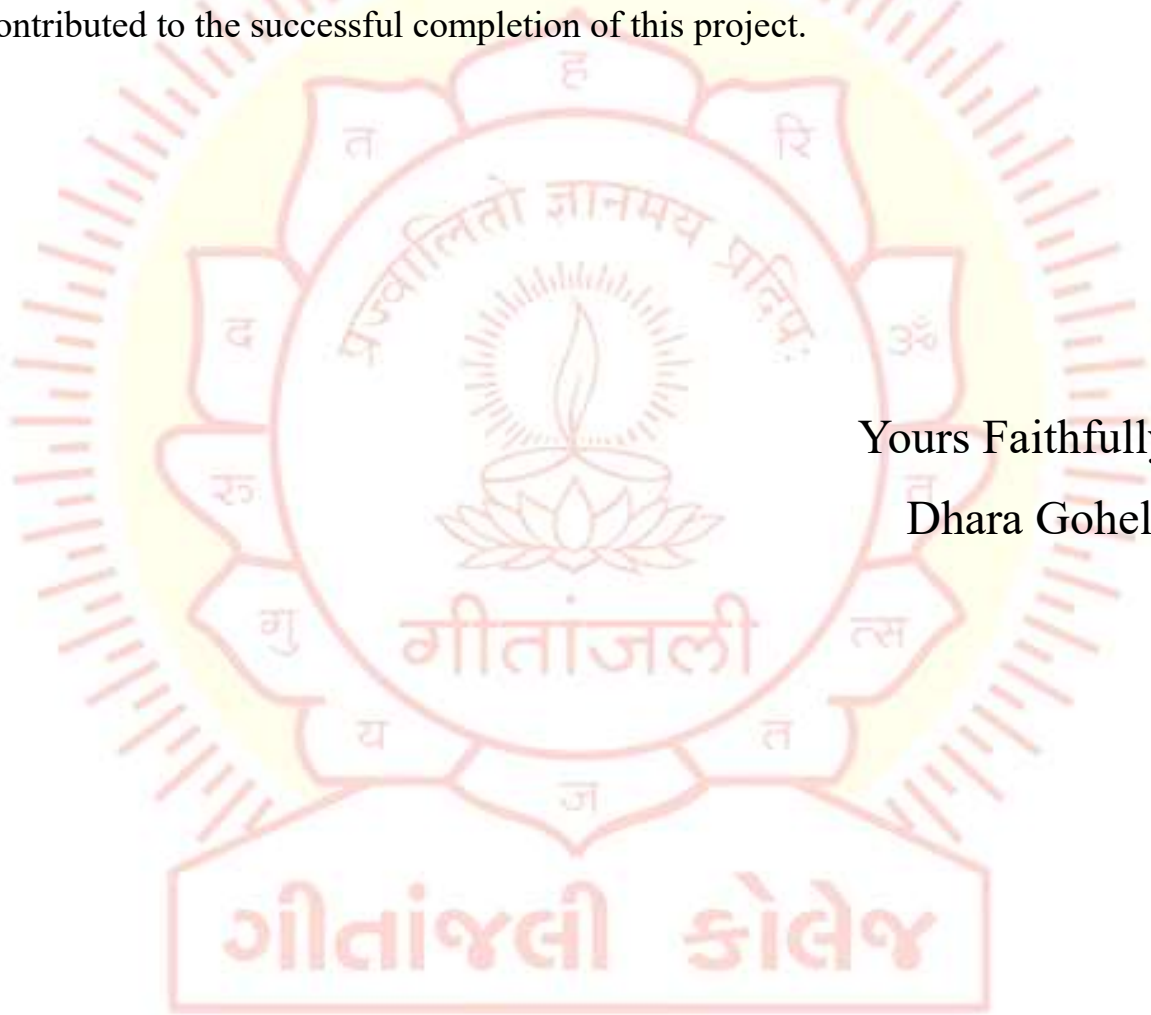
CERTIFICATE



ACKNOWLEDGEMENT

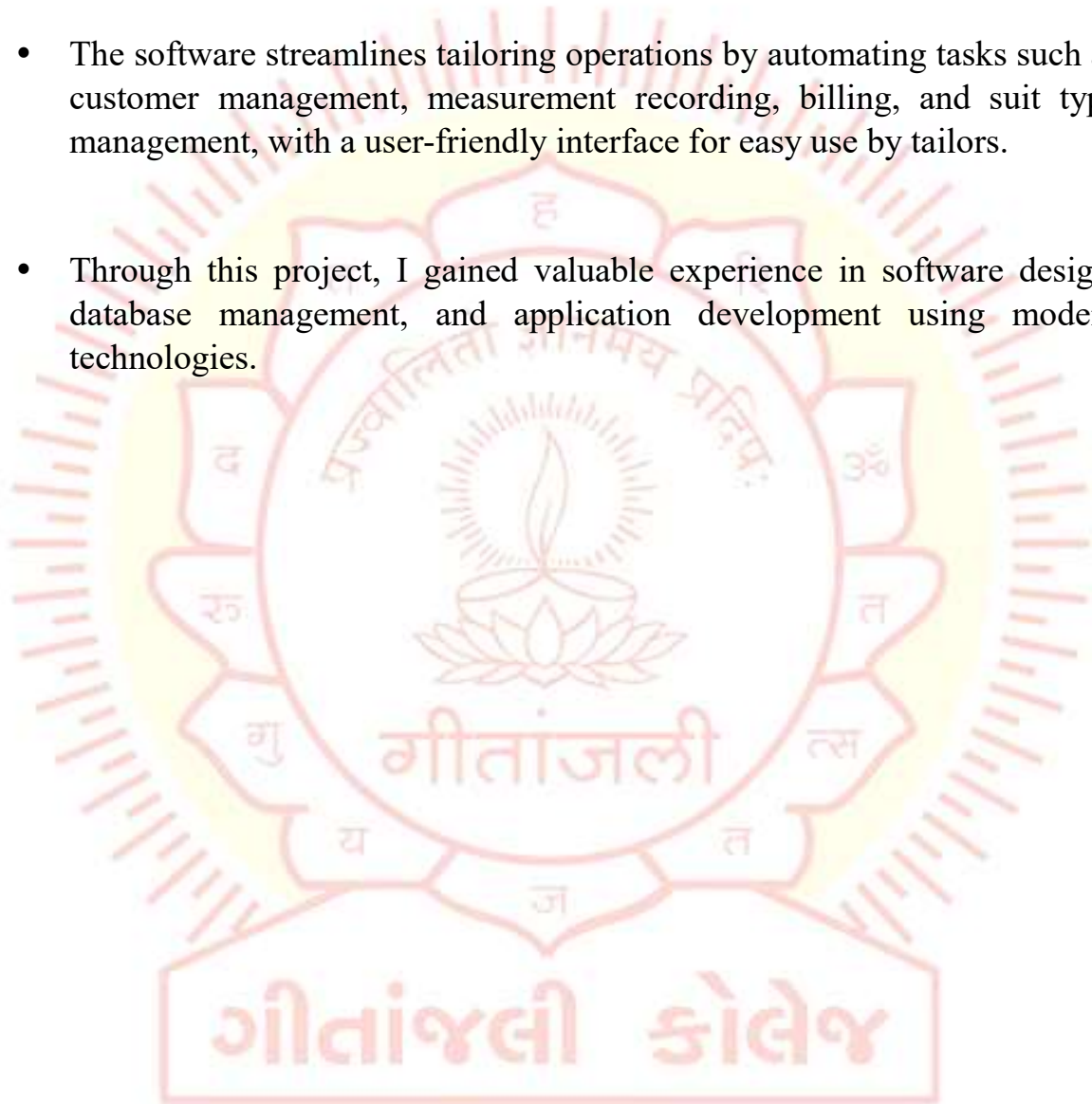
I would like to express my sincere gratitude to Mrs. Mital Goswami for her invaluable advice and assistance throughout the development of this “**Tailor Management**” project. I would also like to thank our Head of Department, Brijesh Shah, for providing the necessary information regarding this project. Last but not least, I would like to express my gratitude to my family and friends for their invaluable assistance, and I am deeply grateful to everyone who contributed to the successful completion of this project.

Yours Faithfully,
Dhara Gohel



PREFACE

- This project report details the design and development of a Tailor Management Software, created as part of my degree at Saurashtra University, using C#.NET and SQL Server in Visual Studio.
- The software streamlines tailoring operations by automating tasks such as customer management, measurement recording, billing, and suit type management, with a user-friendly interface for easy use by tailors.
- Through this project, I gained valuable experience in software design, database management, and application development using modern technologies.



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PROJECT PROFILE

PROJECT TITLE	TAILOR MANAGEMENT
IDE	VISUAL STUDIO 2022
FRONT END	C#.NET
BACK END	SQL SERVER
ACADEMIC YEAR	2024-2025
DEVELOPED BY	DHARA S GOHEL
SUBMITTED TO	GEETANJALI COLLEGE
DOCUMENTATION TOOL	MICROSOFT WORD
OPERATING SYSTEM	WINDOWS 11

PROJECT REQUIREMENTS

- To carry out this project, the following hardware and network setup is necessary.

- Minimum Hardware Requirements:

RAM	4 GB
CPU	i3 processor
DISK SPACE	500 MB

- Software Requirements:

Operating System	Windows 10 or higher
Development Software	Visual Studio 2022
Database	SQL Server 2016

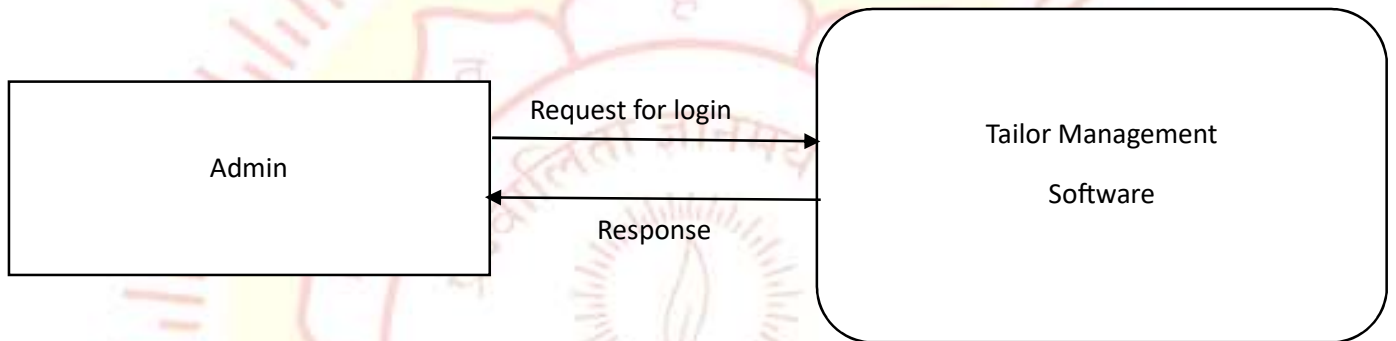
TECHNOLOGY REQUIREMENT

Programming Language	C#.NET
Database Management System	SQL Server
Development Tools	Visual Studio IDE
Framework	.NET Framework

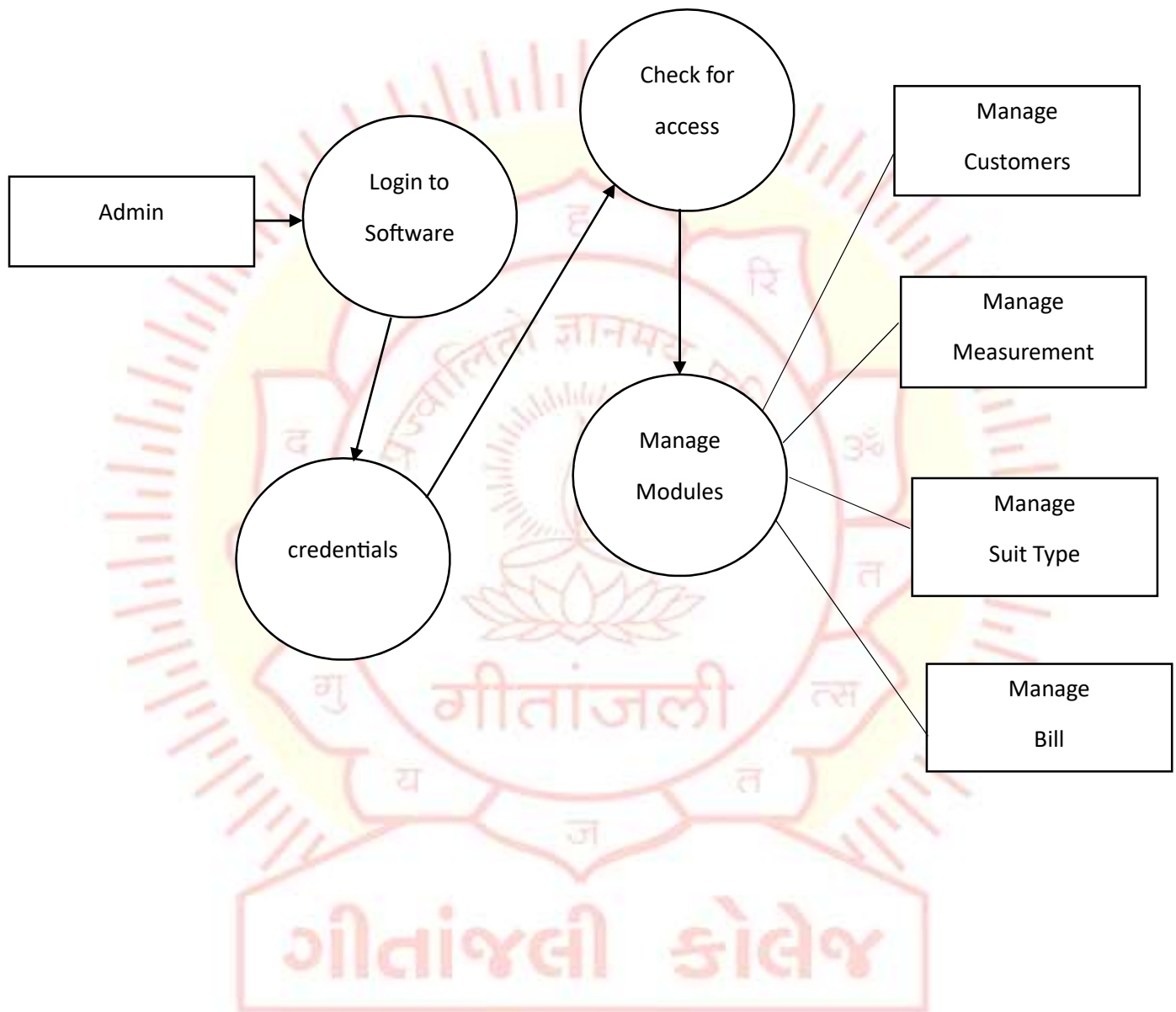


Data Flow Diagram

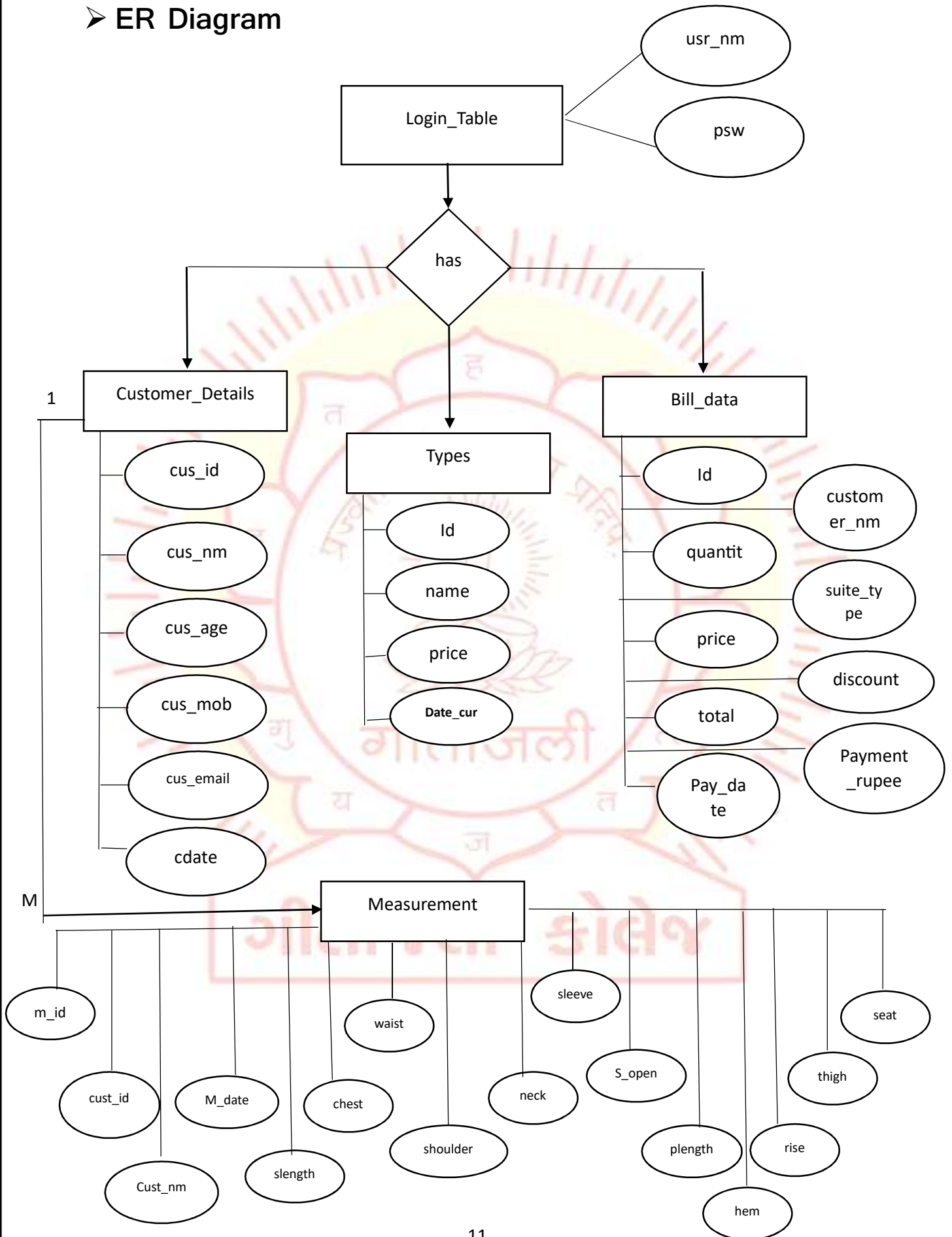
➤ 0-Level DFD:



➤ 1-Level DFD



➤ ER Diagram



Data Dictionary

Database name : Tailor_management

➤ Login_Table :

Attribute	Datatype	Constraint
usr_nm	Varchar(20)	Not null
psw	Varchar(10)	Not null

➤ Customer_Details :

Attribute	Datatype	Constraint
cus_id	INT	PRIMARY KEY
cus_nm	VARCHAR(50)	NOT NULL
cus_age	INT	NOT NULL
cus_mob	VARCHAR(20)	NOT NULL
cus_email	VARCHAR(100)	NOT NULL
cdate	DATE	NOT NULL

➤ Measurements :

Attribute	Datatype	Constraint
m_id	INT	PRIMARY KEY
cust_id	INT	FOREIGN KEY
cust_nm	VARCHAR(50)	NOT NULL
m_date	DATE	NOT NULL
slength	VARCHAR(50)	NOT NULL
chest	VARCHAR(50)	NOT NULL
waist	VARCHAR(50)	NOT NULL
shoulder	VARCHAR(50)	NOT NULL
neck	VARCHAR(50)	NOT NULL
sleeve	VARCHAR(50)	NOT NULL
s_open	VARCHAR(50)	NOT NULL
plength	VARCHAR(50)	NOT NULL
rise	VARCHAR(50)	NOT NULL
seat	VARCHAR(50)	NOT NULL
thigh	VARCHAR(50)	NOT NULL
hem	VARCHAR(50)	NOT NULL

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➤ **Bill_Data:**

Attribute	Datatype	Constraint
Id	INT	NOT NULL,PRIMARYKEY
customer_nm	VARCHAR(150)	NOT NULL
suite_type	INT	NOT NULL
type	INT	NOT NULL
quantity	INT	NOT NULL
price	INT	NOT NULL
total	INT	NOT NULL
discount	INT	NULL
payment_rupee	INT	NOT NULL
pay_date	DATE	NOT NULL

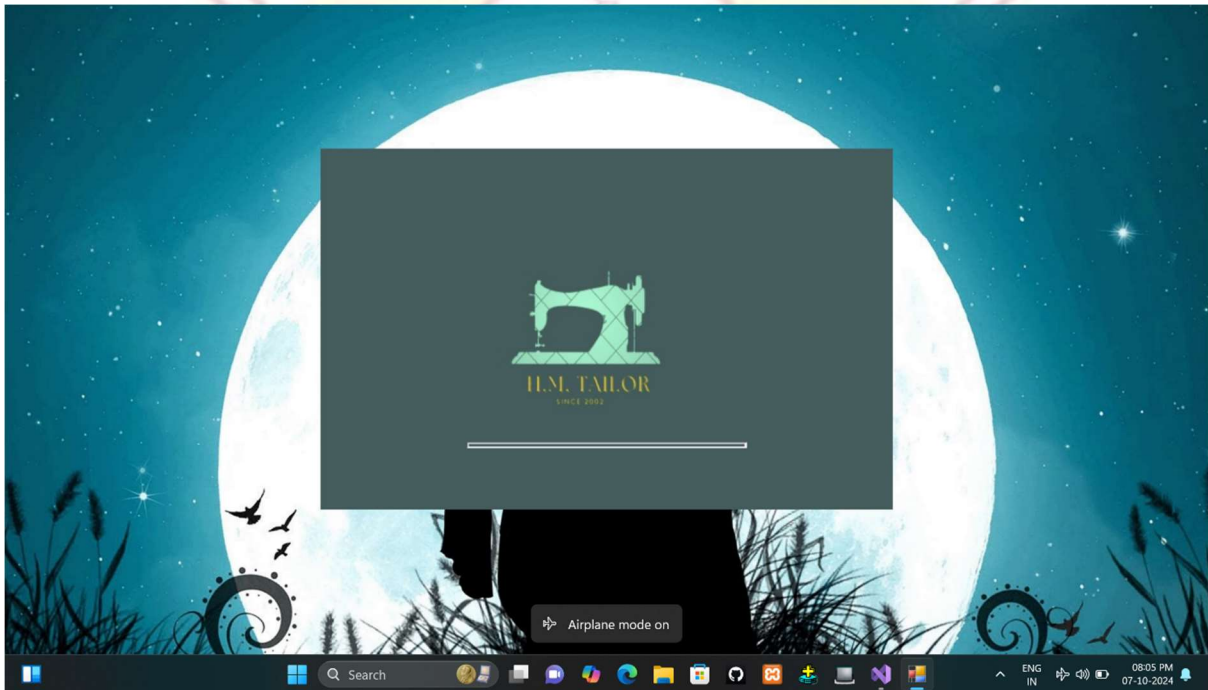
➤ **Types :**

Attribute	Datatype	Constraint
Id	INT	NOT NULL,PRIMARYKEY
name	VARCHAR(100)	NOT NULL
price	VARCHAR(100)	NOT NULL
Date_cur	VARCHAR(100)	NOT NULL

ScreenShots

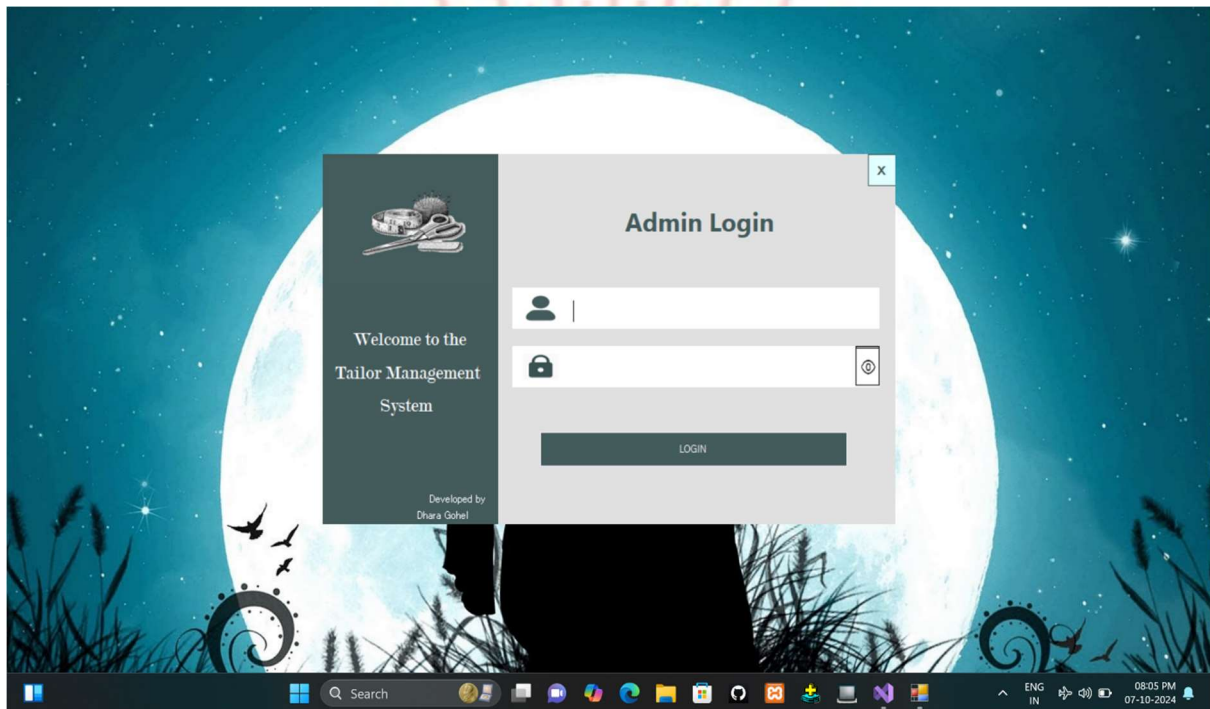
Loading Page:

- This is loading page H.M. Tailor shop



Login Page :

- Admin can login if credentials is valid



Home Page :

- This page show total customers count and total amount



Customer Details Page :

- In this page admin can add,edit and delete customers

MENU

HOME

CUSTOMERS

MEASUREMENT

BILL

Types

ID :

NAME :

AGE :

MOBILE NO. :

EMAIL ID :

DATE :

07 October 2024

ADD

CLEAR

cus_id	cus_nm	cus_age	cus_mob	cus_email	cdate
102	kamleshbhai raval	35	9016894523	kamlesh@gmail.com	01-10-2024
103	shaileshbhai gohel	34	8989898989	shailesh@gmail.com	01-10-2024

Measurement page :

- In this page admin store already exist customer measurement.

search :

Id : Name :

Shirt / kurta Measurement

shirt/kurta length:

chest :

waist :

shoulder :

neck :

sleeve :

sleeve open :

Lower / Pant Measurement

pnat / lower length

rise :

seat :

thigh :

hem :

Date



View Measurement:

Back							
Measure Id	Customer Id	Customer Name	Date	Upper Lenght	Chest	Waist	Shoulder
1	102	kamleshbhai raval	01-10-2024	45	36	30	16



Update Measure Page :

- Using this page admin update measurement of customer.

Back

Neck Sleeve Sleeve Open Lower Length Rise Seat Thigh Hem EDIT DELETE

Id : 102 Name : kamleshbhai raval

Shirt / kurta Measurement

shirt/kurta length 25

chest : 36

waist : 30

shoulder : 16

neck : 8

sleeve : 16

sleeve open 8

Lower / Pant Measurement

pant / lower length :

rise :

seat :

thigh :

hem :

Date 13 July 2024

UPDATE

CLOSE



Bill Page :

- Using this page customer Bill generate with discount price

The screenshot shows a web application interface for generating a bill. On the left is a dark sidebar with a menu containing 'MENU', 'HOME', 'CUSTOMERS', 'MEASUREMENT', 'BILL' (highlighted), and 'Types'. The main area has a light blue background. At the top, there are input fields for 'Customer Name', 'Quantity', 'Suite Name', and 'Price', with 'Add to Bill' and 'Reset' buttons below them. In the center is a 'Type List' table with columns 'Id', 'name', 'price', and 'Date_cur'. To the right is a 'Bill Items' section with a table header 'Name', 'Quantity', 'Price', and 'Total'. Below this are input fields for 'Total Price', 'Discount', 'Final Payment Price', and a date picker set to '07 October 2024'. At the bottom right are buttons for 'Print Bill', 'Discount', and 'Reset All'.

Id	name	price	Date_cur
1	shirt	300	01-10-2024
2	pant	500	01-10-2024
3	kurta	400	01-10-2024
4	suite	1000	01-10-2024

The screenshot shows a generated bill for 'H & M Tailor'. The customer name is 'kamleshbhai raval' and the date is '01 October 2024'. The bill lists one item: 'pant' with a quantity of 1, a price of 500, and a total of 500. The total price is 500, and the payment price is 500. The bill is signed off by 'H & M Tailor'.

H & M Tailor

Customer Name :kamleshbhai raval
Date : 01 October 2024

SUITE_TYPE	QUANTITY	PRICE	TOTAL
pant	1	500	500

Total Price 500
-Discount Price
Payment Price is : 500
***** H & M Tailor *****

Suit Type Page :

- In this page admin add suit type(e.g. shirt,pant) and give this price

MENU

HOME

CUSTOMERS

MEASUREMENT

BILL

Types

ID : 3

Type Name : kurta

Price : 400

Date : 01 October 2024

ADDUPDATEDELETECLEAR

ID	NAME	PRICE	DATE
1	shirt	300	01-10-2024
2	pant	500	01-10-2024
3	kurta	400	01-10-2024
4	suite	1000	01-10-2024



Future requirements of project

User Authentication and Role Management : Implement advanced user roles and permissions.

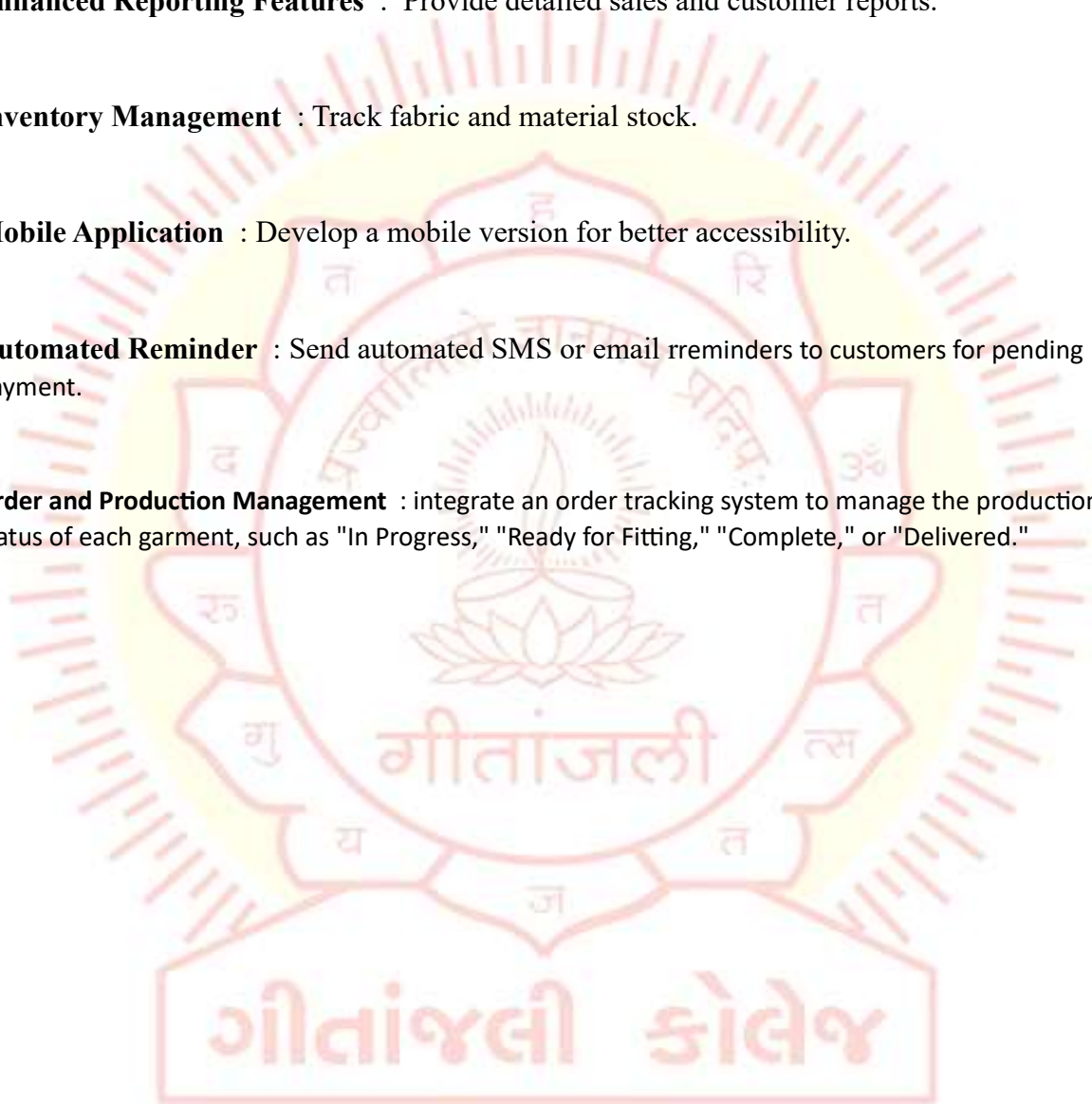
Enhanced Reporting Features : Provide detailed sales and customer reports.

Inventory Management : Track fabric and material stock.

Mobile Application : Develop a mobile version for better accessibility.

Automated Reminder : Send automated SMS or email reminders to customers for pending payment.

Order and Production Management : integrate an order tracking system to manage the production status of each garment, such as "In Progress," "Ready for Fitting," "Complete," or "Delivered."



Limitations

Single-user access :

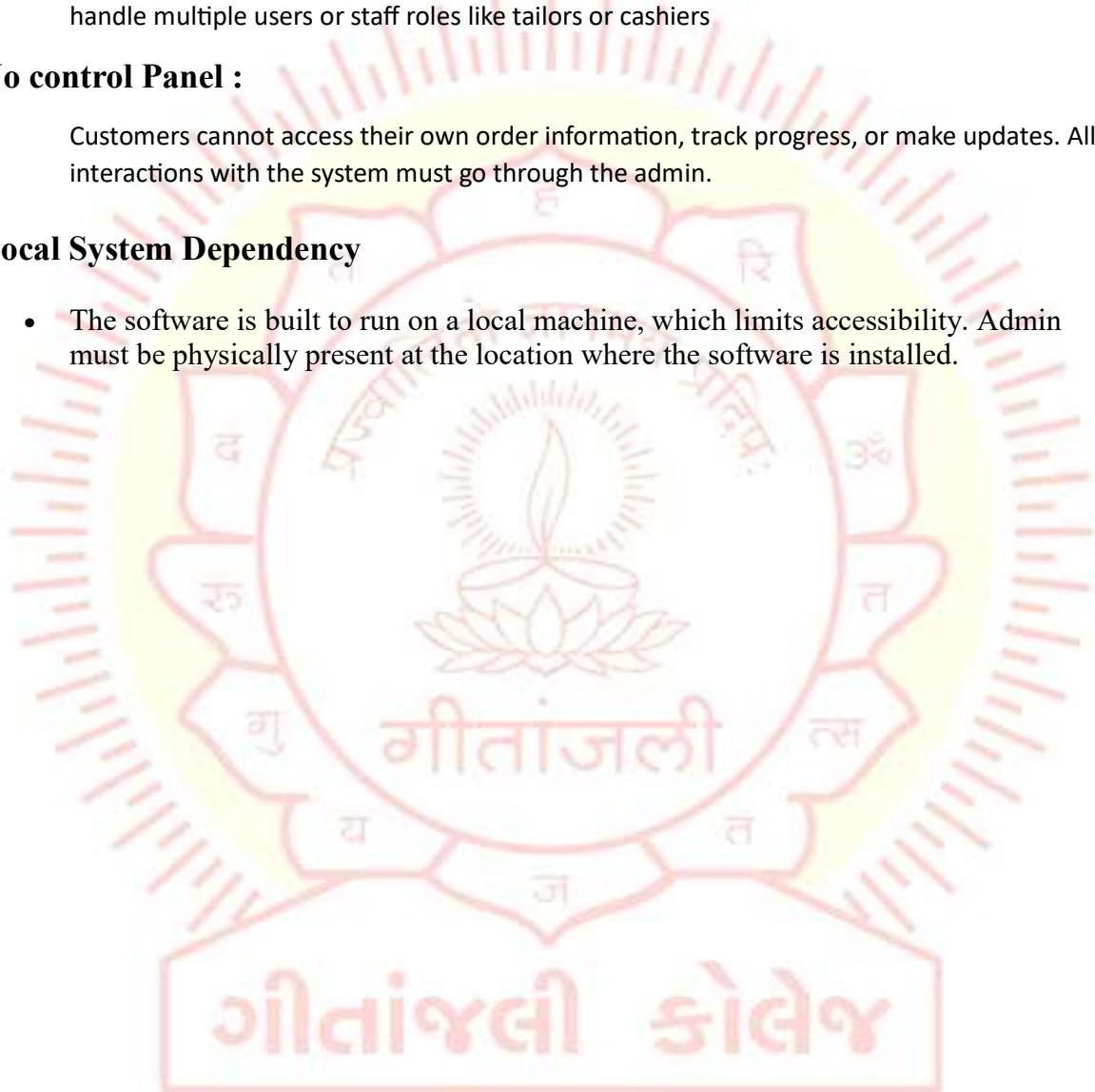
The system currently supports only **one admin user**, which limits scalability and the ability to handle multiple users or staff roles like tailors or cashiers

No control Panel :

Customers cannot access their own order information, track progress, or make updates. All interactions with the system must go through the admin.

Local System Dependency

- The software is built to run on a local machine, which limits accessibility. Admin must be physically present at the location where the software is installed.



Bibliography

<https://stackoverflow.com/>

<https://www.codeproject.com/>

<https://www.youtube.com/>

