A PROJECT REPORT ON

Tailor Management

SUBMITTED TO :

Geetanjali College of Computer Science and Commerce (BBA)

AFFILIATED TO :

Saurashtra University

ACADEMIC YEAR:

2024-2025

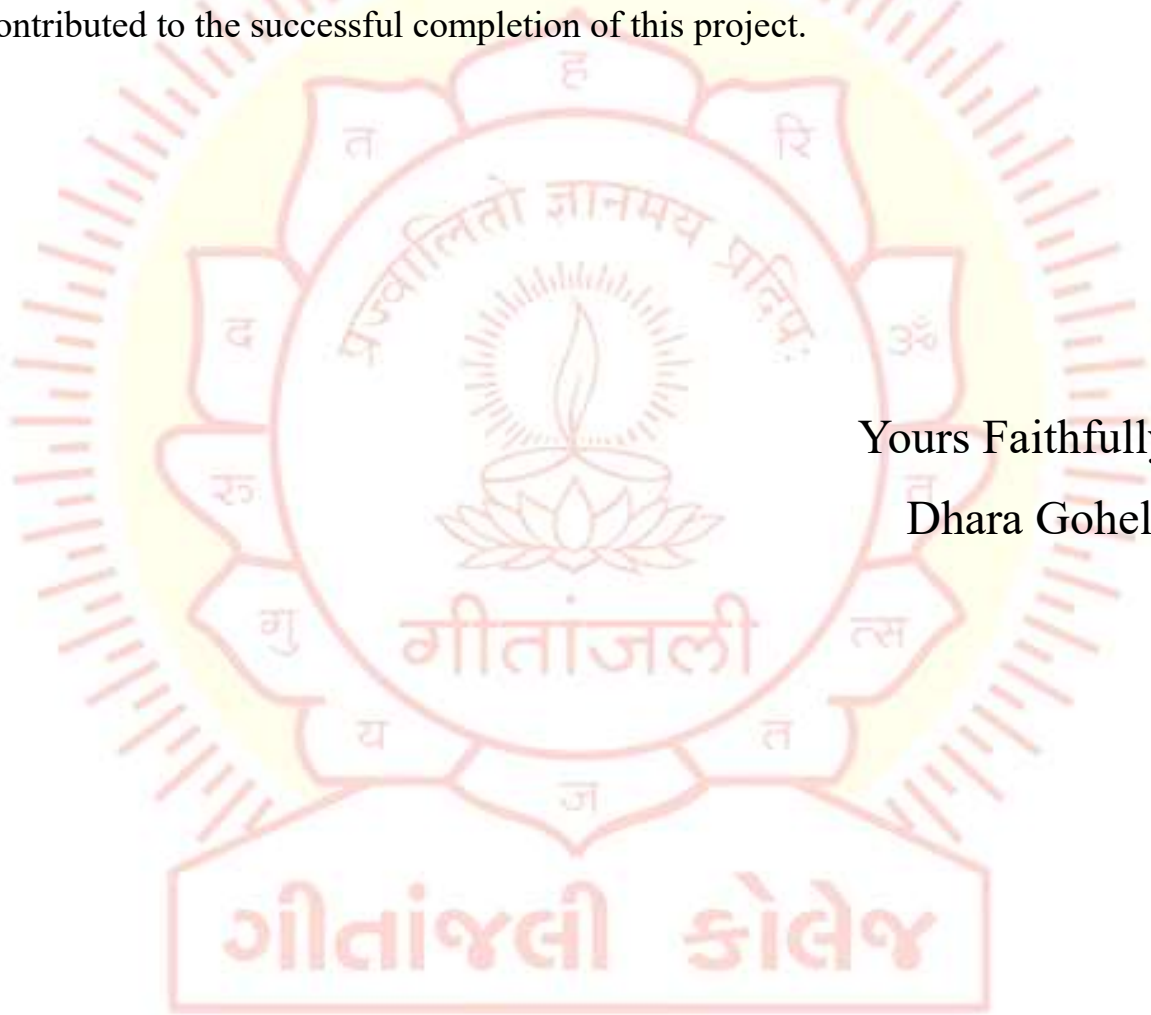**PROJECT GUIDE:**

Jaytika Jogiya

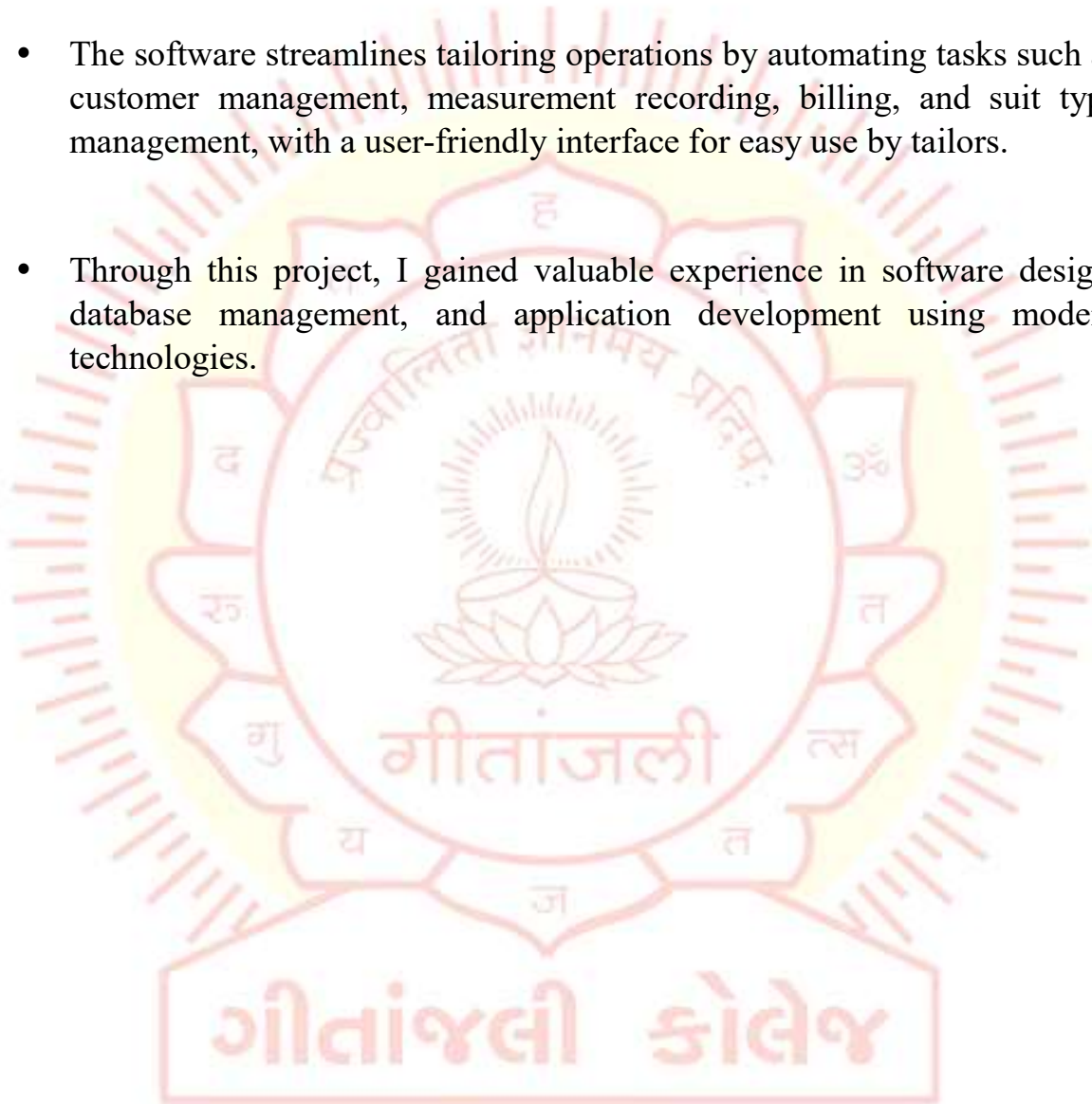**PREPARED BY :**

Gohel Dhara

CERTIFICATE

ACKNOWLEDGEMENT

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.

CONTENT

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:

Admin	→ Request for login →	Tailor Management Software
	← Response ←	
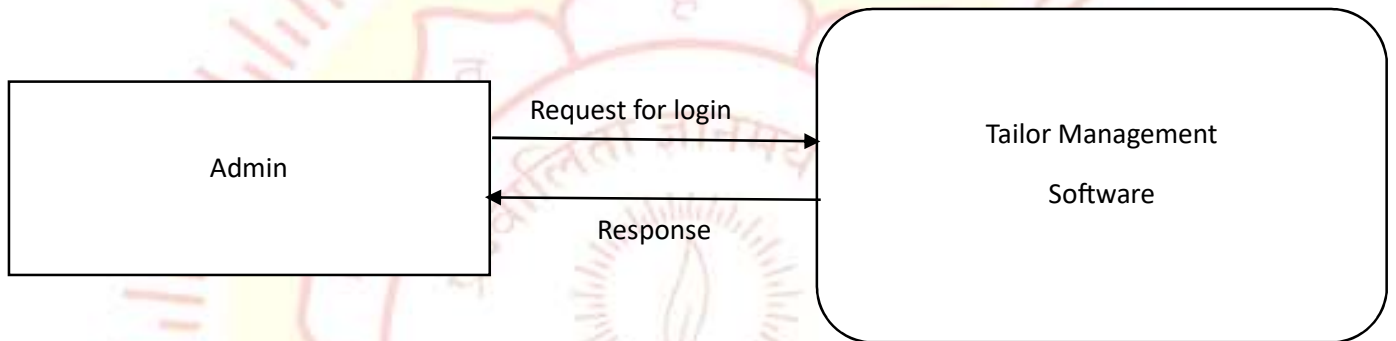
➢ 1-Level DFD

➤ ER Diagram

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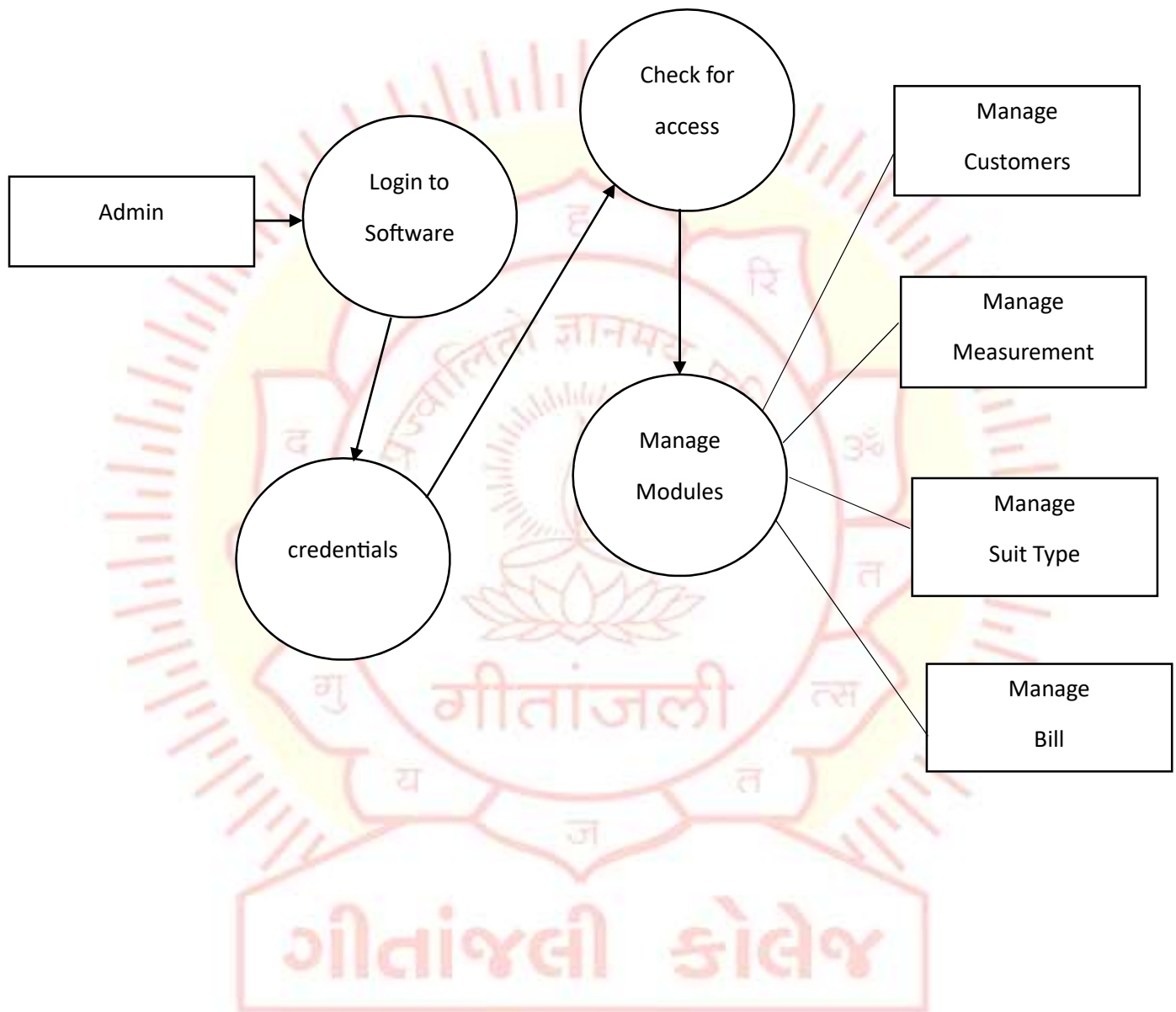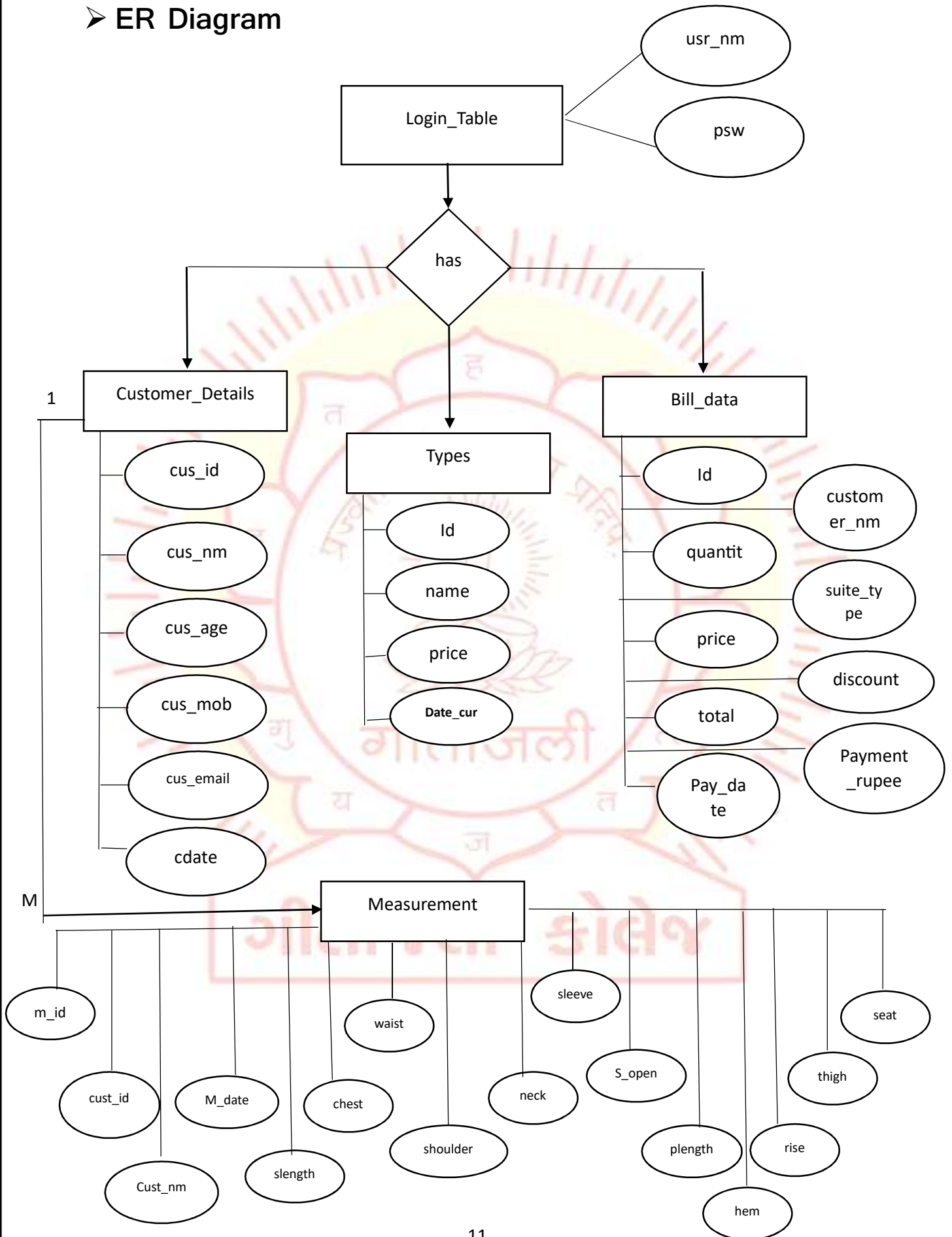
Data Dictionary

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

➢ 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
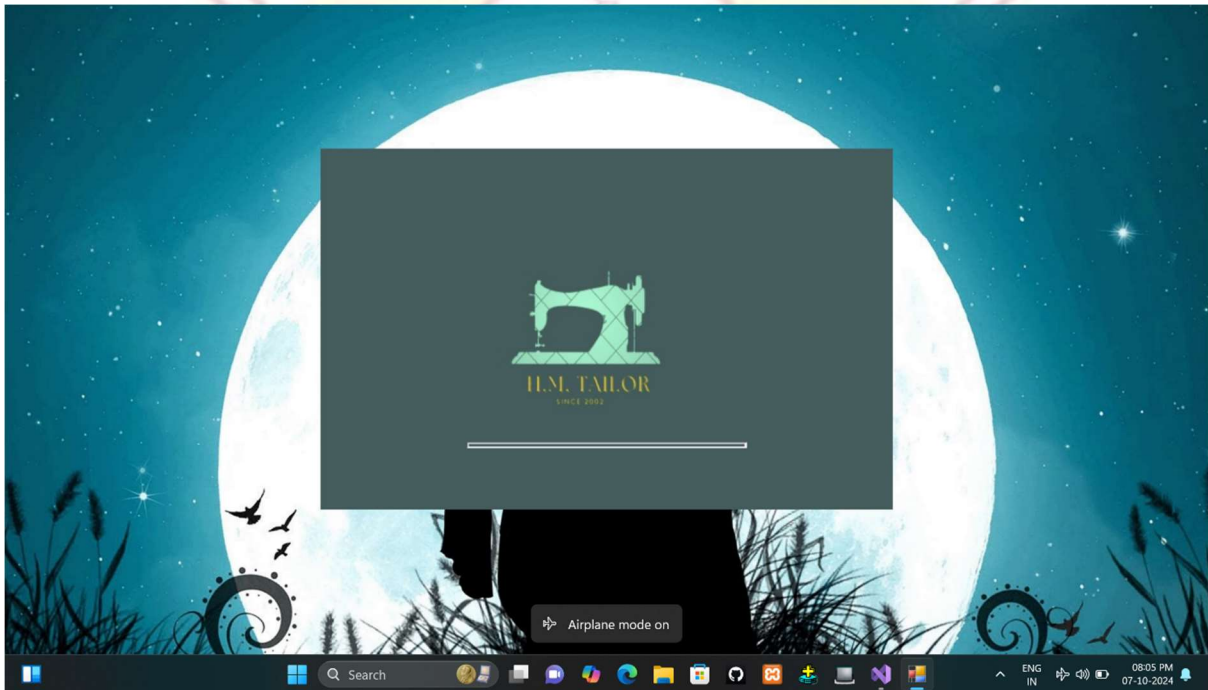
Login Page :

- Admin can login if credentials is valid
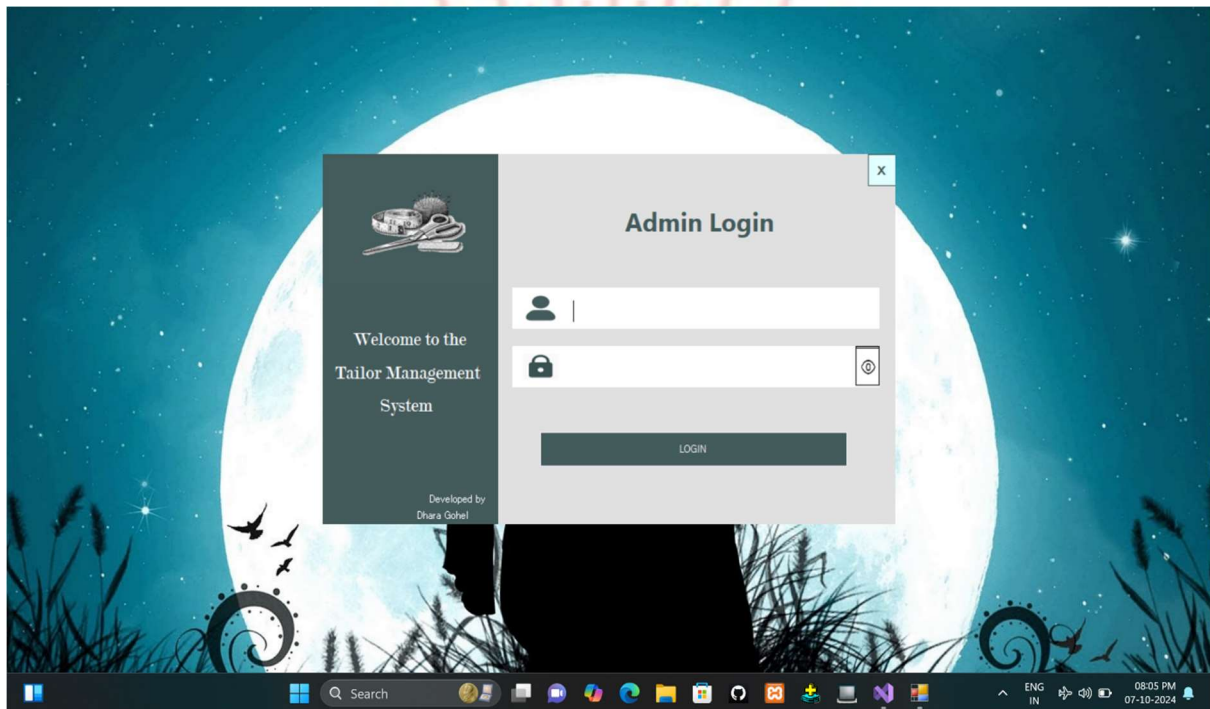
Home Page :

- This page show total customers count and total amount

Customer Details Page :

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

Measurement page :

- In this page admin store already exist customer measurement.

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.

Bill Page :

- Using this page customer Bill generate with discount price

Suit Type Page :

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

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 rreminders 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."
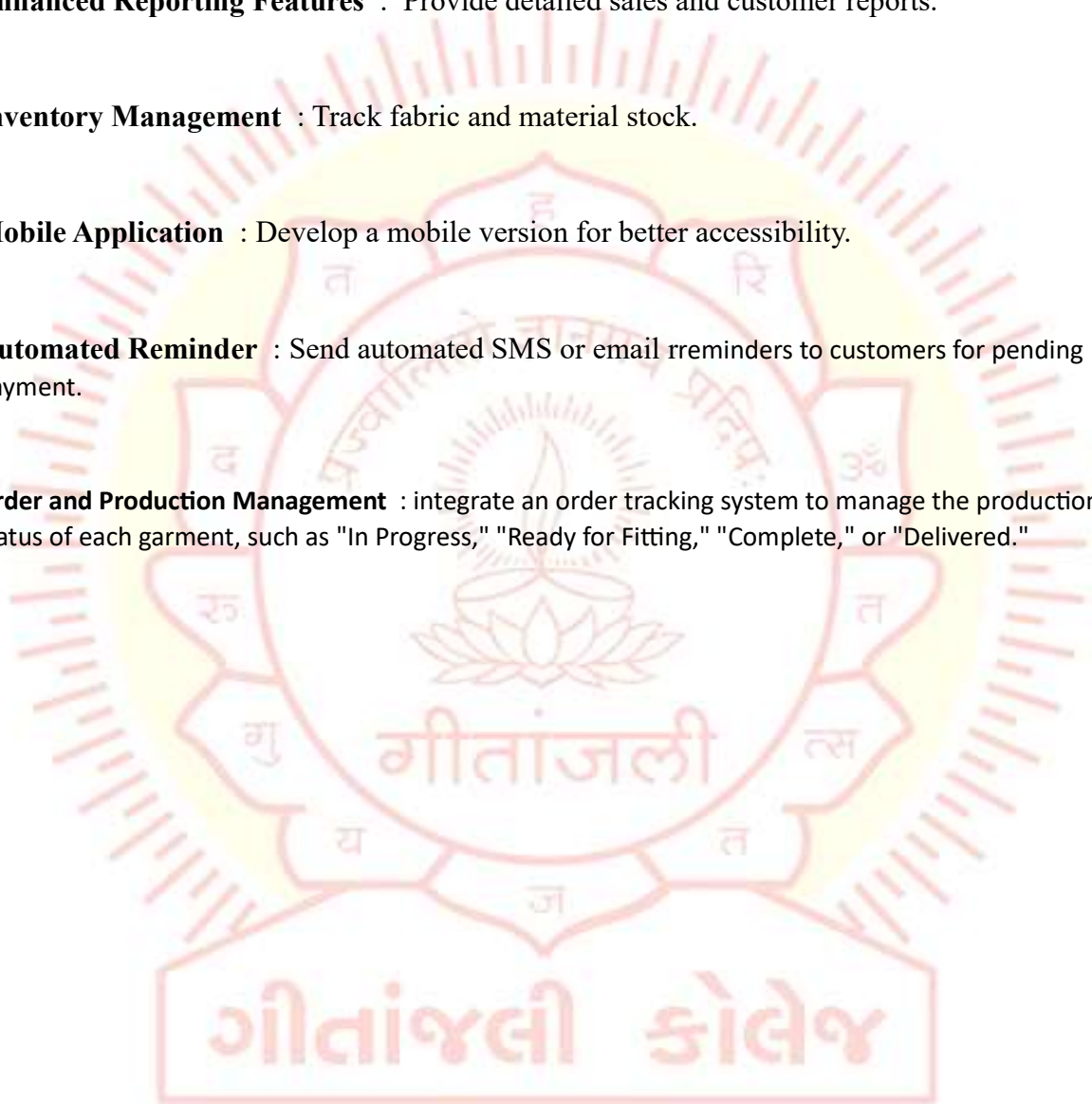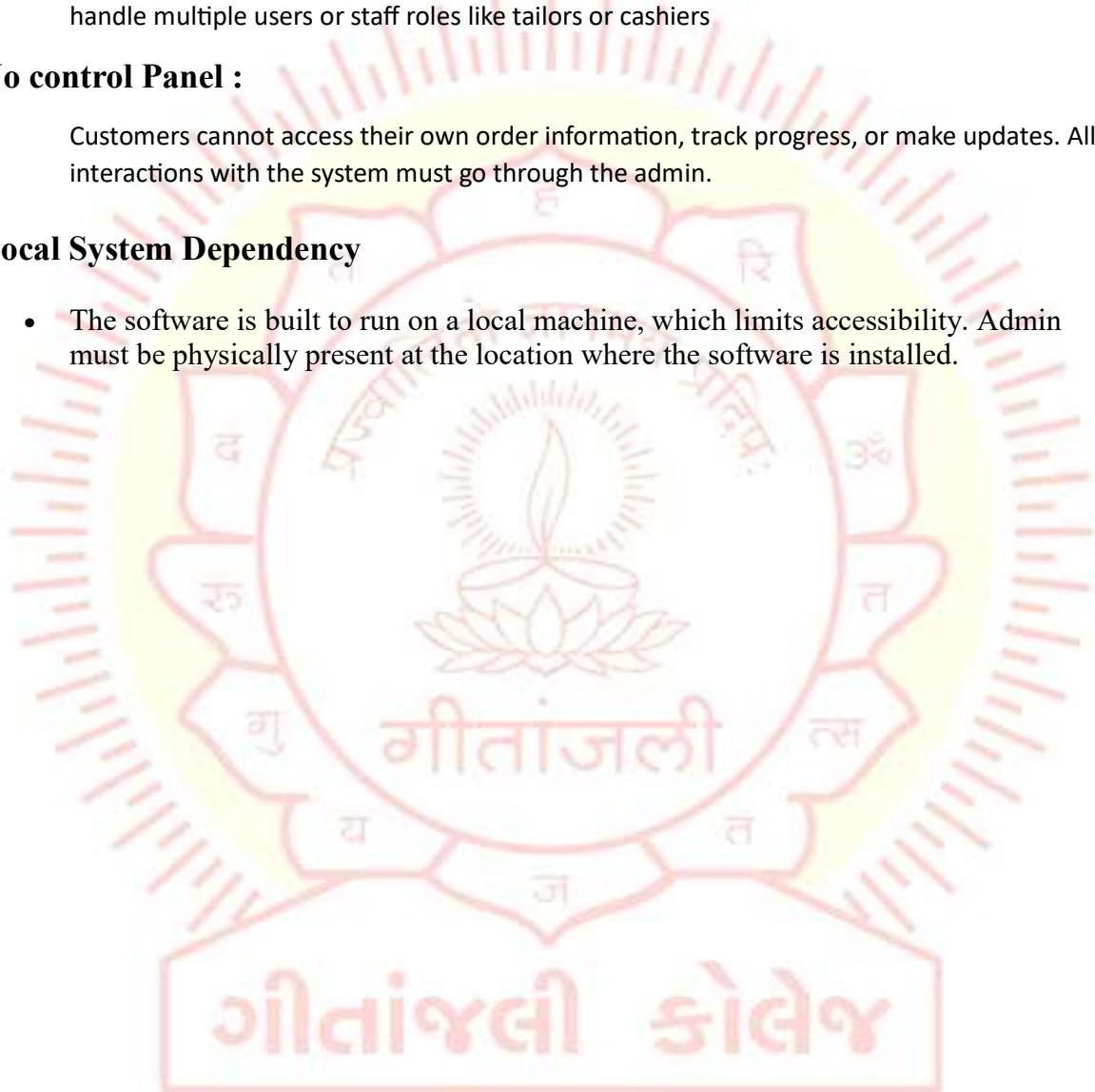
Limitations

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/