***VEDANT SONAWANE’S DAY 12 ASSIGNMENT WEB DEVELOPMENT INTERNSHIP***

**1. What is SQL?**

**SQL (Structured Query Language)** is a standard language used to interact with relational databases. It allows users to create, retrieve, update, and delete data efficiently. In web development, SQL plays a crucial role in handling the backend data operations such as user login, form submissions, fetching content dynamically, and more.

**2. Basic SQL Commands with Examples**

**• CREATE DATABASE**

Creates a new database.

create database internship\_db;

**• CREATE TABLE**

Creates a table within a selected database.

create table students (

id int(60) primary key,

Name varchar(233),

Email varchar(233)

);

**• INSERT INTO**

Inserts data into a table.

insert into students (ID, Name, Email) values

(101, 'Vedant', 'vedant2418@gmail.com'),

(102, 'Ishita', 'ishi101@gmail.com'),

(103, 'Amit', 'ameetsonawane007@gmail.com');

**• SELECT**

Retrieves data from a table.

select \* from students;

**• UPDATE**

Modifies existing records in a table.

update students

set Email = 'ishitapasalkar101@gmail.com'

where ID = 102;

**• DELETE**

Deletes records from a table.

delete from students

where ID = 103;

MySQL Code:



