TABLE DESIGN

DATABASE:DLEMS

Overview Of Database

SI.No	Field Type	Description
1	Login	To store login details
2	Registration	To store details of client
3	Laboratory	To store laboratory details
4	Bio-Engineers	To store details of biomedical engineers
5	Product	To store details of product
6	Labitem	To store labitem details
7	Job	To store job details
8	Order	To store order details
9	Payement	To store payement details
10	Complaint	To register complaint
11	Job seekers	To store education details of job seekers

Table 1:

Table Name:LOGIN

Description: To store login details

Primary key:user_id

Foreign key:nil

S1.No	Field Name	DataType	Constraints	Description
1	User id	Varchar	Primary key	User ID
2	User name	Varchar	Not null	User name
3	password	Password	Not null	Password

Table 2:

Table Name:REGISTRATION

Description: To store details of biomedical engineers,sellers,job seekers and suppliers

Primary key:registration id

Foreign key:nil

SI.No	Field Name	Data Type	Constraints	Description
1	Registration id	Integer	Primary key	Registration ID
2	Category	Varchar	Not null	Biomedical engineers,sellers,job seekers,suppliers
3	First name	Varchar	Not null	First name
4	Last name	Varchar	Not null	Last name
5	Gender	Char	Not null	Gender
6	Cont no	Number	Not null	Contact number
7	Mail id	Varchar	not null,unique	Mail ID
8	street name	Varchar	Not null	Street name
9	city name	Varchar	Not null	City name
10	Pin code	Longint	Not null	Pin code

Table 3:

Table Name:LABORATORY

Description:To store laboratory details

Primary key:lab id

SI. No	Field Name	Data Type	Constraints	Description
1	Lab name	Varchar	Not null	Lab name
2	Lab id	Integer	primary key	Lab id
3	Lab opening time	Time	Not null	Lab opening time
4	Lab closing time	Time	Not null	Lab closing time
5	Lab accredit	Varchar		Lab accreditation
6	lab mail id	Varchar	Not null	mail ID of lab
7	Lab street name	varchar	Not null	street name of lab
8	City name	varchar	Not null	city name of lab
9	Pin code	longint	Not null	Pin code of lab
10	Phone no.	number	Not null	Contact number of lab

Table 4:

Table Name:BIO-ENGINEERS

Description: To store working details of biomedical engineers

Primary key:Bioengineer id

Foreign key:user id

SI .No	Field Name	Data Type	Constraints	Description
1	Bioengineer id	Integer	Primary key	Biomedical engineer ID
2	user id	Varchar	Foreign key	User ID
3	Available days	Varchar	Not null	Available days
4	Available time	Time	Not null	Available time
5	Work type	Varchar	Not null	Work type
6	Equipment type	Varchar	Not null	Equipment type
7	Qualification	varchar	Not null	Qualification of bioengineer

Table 5:

Table Name: PRODUCT

Description: To store details of product

Primary key:product id

Foreign_key:labitem id

SI.No	Field Name	Data Type	Constraints	Description
1	Product id	Integer	primary key	product ID
2	Labitem id	Integer	Foreign key	labitem ID
3	Product name	Varchar	Not null	Product name
4	Product type	Varchar	Not null	Type of product

5	Product size	Varchar	Not null	product size
6	Product price	Double	Not null	product price
7	Product stock	Varchar	Not null	Product stock

Table 6:

Table Name:LABITEM

Description: To enter labitem records

Primary key:labitem id

Foreign key:seller id

SI.No	Field Name	Dta Type	Constraints	Description
1	Labitem id	Integer	Primary key	labitem ID
2	Labitem name	Varchar	Not null	Labitem name
3	Seller id	Integer	Foreign key	Seller ID

Table 7:

Table Name:JOB

Description: To store job details

Primary key:job id

Foreign key:lab id

SI.No	Field Name	Data Type	Constraints	Description
1	Job id	Integer	Primary key	Job ID
2	Lab id	Integer	Foreign key	Lab ID
3	Qualification	varchar	Not null	Qualification of candidate
4	Job name	varchar	Not null	Job name
5	No of vaccencies	integer	Not null	No.of vaccencies

Table 9:

Table Name:ORDER

Description:to store order details

Primary key:order id

Foreign key:lab id

SI.No	Field Name	Data Type	constraints	Description
1	Order id	integer	Primary key	Order ID
2	Lab id	integer	Foreign key	Lab id
3	Product id	integer	Foreign key	Product ID
4	Order date	date	Not null	Order date
5	Order status	varchar		Order status

Table 10:

Table Name:PAYEMENT

Description: To store payement records

Primary key:payement id

Foreign key:order id

SI.No	field Name	dataType	constraints	Description

1	Payement id	integer	Primary key	Payement ID
2	Order id	integer	Foreign key	Order ID
3	Supplier id	integer	Not null	supplier id
4	Date	date	Not null	Date of payement
5	Status	varchar		Status of payement
6	Payement type	varchar	Not null	Type of payement
7	Total amount	double	Not null	Total amount

Table 10

Table name:COMPLAINT

Table description: To register complaint

Primary key:complaint id

Foreign key:lab id

SI No.	Field name	Data type	Constraints	Description
1	Complaint id	integer	Primary key	Complaint ID
2	Lab id	integer	Foreign key	Lab ID
3	Equipment name	varchar	Not null	Complained Equipment name
4	Equipment type	varchar	Not null	Type of equipment
5	Complaint description	Varchar		Complaint description

Table 11

Table name:JOB SEEKER

Table description: To store education details of job seekers

Primary key:job seeker id

Foreign key:job id

SI No.	Field name	Data type	Constraints	Description
1	Job seeker id	integer	Primary key	Job seeker ID
2	Job id	integer	Foreign key	Job id
3	Candidate qualification	varchar	Not null	Qualification of candidate
4	User id	varchar	Foreign key	User ID
5	Course status	varchar	Not null	Course status