Key Milestone 3: DBMS Lab Project SQL Implementation

DBMS Final Project

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Project Group #19:

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Section: B

Submitted to: Engr. Sumayyea Salahuddin

"On my honor, as student of University of Engineering and Technology, I have neither given nor received unauthorized assistance on this academic work"

Department of Computer Systems Engineering

University of Engineering and Technology Peshawar

Project: Restaurant Management System

Table: users

Metadata:

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
☐	1	id	bigint(20)		UNSIGNED	No	None		AUTO_INCREMENT	Change Drop More
☐	2	name	varchar(255)	utf8mb4_unicode_ci		No	None			Change Drop More
☐	3	email	varchar(255)	utf8mb4_unicode_ci		No	None			Change Drop More
☐	4	usertype	varchar(255)	utf8mb4_unicode_ci		No	user			Change Drop More
☐	5	phone	varchar(255)	utf8mb4_unicode_ci		Yes	NULL			Change Drop More
☐	6	address	varchar(255)	utf8mb4_unicode_ci		Yes	NULL			Change Drop More
☐	7	email_verified_at	timestamp			Yes	NULL			Change Drop More
☐	8	password	varchar(255)	utf8mb4_unicode_ci		No	None			Change Drop More
☐	9	two_factor_secret	text	utf8mb4_unicode_ci		Yes	NULL			Change Drop More
☐	10	two_factor_recovery_codes	text	utf8mb4_unicode_ci		Yes	NULL			Change Drop More
☐	11	two_factor_confirmed_at	timestamp			Yes	NULL			Change Drop More
☐	12	remember_token	varchar(100)	utf8mb4_unicode_ci		Yes	NULL			Change Drop More
☐	13	current_team_id	bigint(20)		UNSIGNED	Yes	NULL			Change Drop More
☐	14	profile_photo_path	varchar(2048)	utf8mb4_unicode_ci		Yes	NULL			Change Drop More
☐	15	created_at	timestamp			Yes	NULL			Change Drop More
☐	16	updated_at	timestamp			Yes	NULL			Change Drop More

Check all With selected: Browse Change Drop Primary Unique Index Spatial Fulltext

Console

Sample Data:

	id	name	email	usertype	phone	address	email_verified_at	password
☐ Edit Copy Delete	1	User	user@gmail.com	user	12345678	asd	NULL	$2y$12$cMkJrdxSvUmaooLnlweHtOfjtJsAlya7eJxnCDYw1yl...
☐ Edit Copy Delete	2	Admin	admin@gmail.com	admin	12345678	Abbotabad	NULL	$2y$12$whGpCq1ez5.qCKPlsP2i7eSMbhSl2QDPK0osaERm2z4...
☐ Edit Copy Delete	3	Saad Amjad	saad@gmail.com	user	03079966105	UET Peshawar	NULL	$2y$12$JAZBgkGHr5GG5SaS4gDYsuCkhnGhUhBufcW1CYhjt8d...
☐ Edit Copy Delete	4	Ehzaz	ehzaz@gmail.com	user	03250749754	UET Peshawar	NULL	$2y$12$PsIlkC7AVhmwsNWOb7jc9.VpsYQvmaJkSWnFLKXJSjV...
☐ Edit Copy Delete	5	Employee1	employee1@gmail.com	employee	12345	asd	NULL	$2y$12$hwwJ7wPIOHuzgy7ZT1KeU.2ma2mVm3sssCRJRWlkVkw..

SQL Queries:

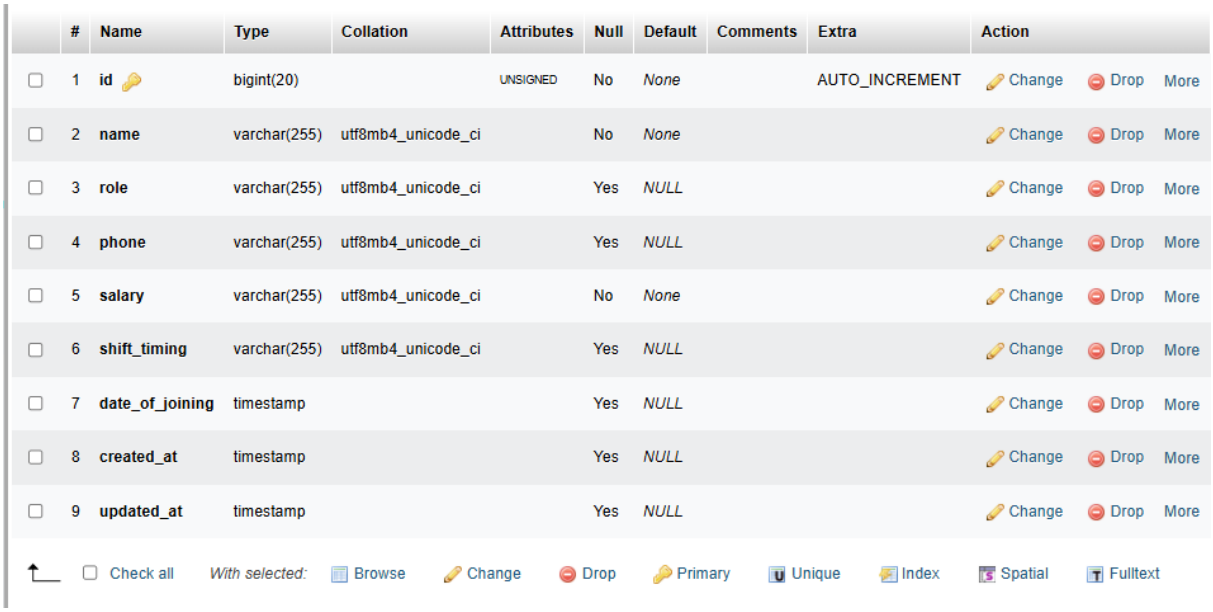
```
CREATE TABLE users (
    id INT PRIMARY KEY,
    name VARCHAR(100),
    phone VARCHAR(15),
    email VARCHAR(100),
    address TEXT,
    password VARCHAR(100)
);
```

```
INSERT INTO users (id, name, email, usertype, phone, address, password)

VALUES (2, 'Admin', 'admin@gmail.com', 'admin', '12345678', 'Abbotabad', '12345678');
```

```
INSERT INTO users (id, name, email, usertype, phone, address, password)

VALUES (3, 'Saad Amjad', 'saad@gmail.com', 'user', '03079966105', 'UET Peshawar',
'12345678');
```

Table: employees

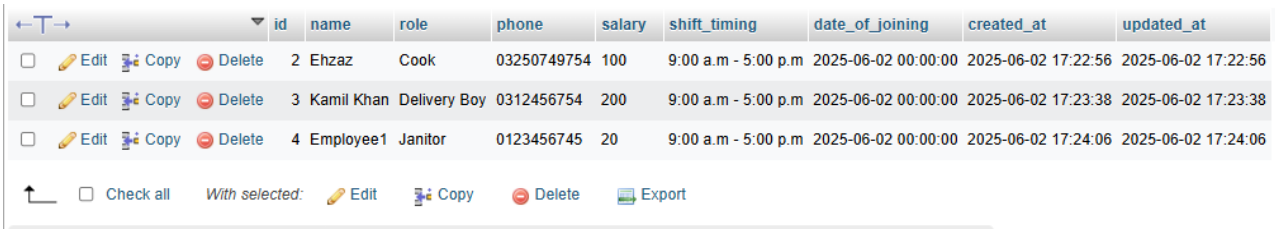
Metadata:



	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
☐	1	id 🔑	bigint(20)		UNSIGNED	No	*None*		AUTO_INCREMENT	Change Drop More
☐	2	name	varchar(255)	utf8mb4_unicode_ci		No	*None*			Change Drop More
☐	3	role	varchar(255)	utf8mb4_unicode_ci		Yes	*NULL*			Change Drop More
☐	4	phone	varchar(255)	utf8mb4_unicode_ci		Yes	*NULL*			Change Drop More
☐	5	salary	varchar(255)	utf8mb4_unicode_ci		No	*None*			Change Drop More
☐	6	shift_timing	varchar(255)	utf8mb4_unicode_ci		Yes	*NULL*			Change Drop More
☐	7	date_of_joining	timestamp			Yes	*NULL*			Change Drop More
☐	8	created_at	timestamp			Yes	*NULL*			Change Drop More
☐	9	updated_at	timestamp			Yes	*NULL*			Change Drop More

Check all *With selected:* Browse Change Drop Primary Unique Index Spatial Fulltext

Sample Data:



	id	name	role	phone	salary	shift_timing	date_of_joining	created_at	updated_at
Edit Copy Delete	2	Ehzaz	Cook	03250749754	100	9:00 a.m - 5:00 p.m	2025-06-02 00:00:00	2025-06-02 17:22:56	2025-06-02 17:22:56
Edit Copy Delete	3	Kamil Khan	Delivery Boy	0312456754	200	9:00 a.m - 5:00 p.m	2025-06-02 00:00:00	2025-06-02 17:23:38	2025-06-02 17:23:38
Edit Copy Delete	4	Employee1	Janitor	0123456745	20	9:00 a.m - 5:00 p.m	2025-06-02 00:00:00	2025-06-02 17:24:06	2025-06-02 17:24:06

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SQL Queries:

```
CREATE TABLE employees (
    id INT PRIMARY KEY,
    name VARCHAR(100),
    role VARCHAR(50),
    phone VARCHAR(15),
    salary INT,
    shift TIMESTAMP,
    date_joining DATE
);
```

```
INSERT INTO employees (id, name, role, phone, salary, shift_timing, date_of_joining)
VALUES (2, 'Ehzaz', 'Cook', '03250749754', 100, '9:00 a.m - 5:00 p.m', '2025-06-02 00:00:00');
```

```
INSERT INTO employees (id, name, role, phone, salary, shift_timing, date_of_joining)
VALUES (3, 'Kamil Khan', 'Delivery Boy', '0312456754', 200, '9:00 a.m - 5:00 p.m', '2025-06-02 00:00:00);
```

```
INSERT INTO employees (id, name, role, phone, salary, shift_timing, date_of_joining)
VALUES (4, 'Employee1', 'Janitor', '0123456745', 20, '9:00 a.m - 5:00 p.m', '2025-06-02 00:00:00');
```

Table: food

Metadata:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	bigint(20)		UNSIGNED	No	None		AUTO_INCREMENT	Change Drop More
2	title	varchar(255)	utf8mb4_unicode_ci		Yes	NULL			Change Drop More
3	detail	longtext	utf8mb4_unicode_ci		Yes	NULL			Change Drop More
4	price	varchar(255)	utf8mb4_unicode_ci		Yes	NULL			Change Drop More
5	image	varchar(255)	utf8mb4_unicode_ci		Yes	NULL			Change Drop More
6	created_at	timestamp			Yes	NULL			Change Drop More
7	updated_at	timestamp			Yes	NULL			Change Drop More

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Sample Data:

	id	title	detail	price	image	created_at	updated_at
Edit Copy Delete	4	Pizza	Chicken Tikka with topping enjoy with 69 Sauces	1500	1747506463.jpg	2025-05-17 18:27:43	2025-05-25 19:10:26
Edit Copy Delete	5	Burger	Beef Burger with special Mayo	800	1747588652.jpg	2025-05-18 17:17:32	2025-05-18 17:17:32
Edit Copy Delete	7	Pasta	Special Pasta	1800	1747588870.jpg	2025-05-18 17:21:10	2025-05-18 17:21:10
Edit Copy Delete	8	Soup	Korean Soup	2000	1747592316.jpg	2025-05-18 18:18:36	2025-05-18 18:18:36

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SQL Queries:

```
CREATE TABLE food_item (
    id INT PRIMARY KEY,
    title VARCHAR(100),
    detail TEXT,
    price INT,
    image VARCHAR(255)
);
```

```
INSERT INTO food (id, title, detail, price, image)
VALUES (4, 'Pizza', 'Chicken Tikka with topping enjoy with 69 Sauces', 1500, '1747506463.jpg');
```

INSERT INTO food (id, title, detail, price, image)

VALUES (5, 'Burger', 'Beef Burger with Special Mayo', 800, ‘1747588652.jpg’);

INSERT INTO food (id, title, detail, price, image)

VALUES (7, 'Pasta', 'Special Pasta', 1800, ‘1747588870.jpg’);

INSERT INTO food (id, title, detail, price, image)

VALUES (8, 'Soup', Korean Soup', 2000, ‘1747592316.jpg’);

Table: orders

Metadata:

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
☐	1	id	bigint(20)		UNSIGNED	No	None		AUTO_INCREMENT	Change Drop More
☐	2	user_id	bigint(20)		UNSIGNED	No	None			Change Drop More
☐	3	food_id	bigint(20)		UNSIGNED	No	None			Change Drop More
☐	4	employee_id	bigint(20)		UNSIGNED	Yes	NULL			Change Drop More
☐	5	amount	int(11)			No	None			Change Drop More
☐	6	status	varchar(50)	utf8mb4_unicode_ci		No	None			Change Drop More
☐	7	created_at	timestamp			Yes	NULL			Change Drop More
☐	8	updated_at	timestamp			Yes	NULL			Change Drop More

Sample Data:

←T→	id	user_id	food_id	employee_id	amount	status	created_at	updated_at
☐ Edit Copy Delete	10	1	1	1	80000	Pending	2025-06-20 11:33:19	2025-06-20 11:33:19
☐ Edit Copy Delete	11	1	1	1	97600	Pending	2025-06-20 11:34:52	2025-06-20 11:34:52
☐ Edit Copy Delete	12	4	1	1	24000	Pending	2025-06-20 13:34:16	2025-06-20 13:34:16

SQL Queries:

CREATE TABLE orders (
  id INT PRIMARY KEY,

```
    user_id INT,
    food_id INT,
    employee_id INT,
    amount INT,
    status VARCHAR(50),
    FOREIGN KEY (user_id) REFERENCES users(id),
    FOREIGN KEY (food_id) REFERENCES food_item(id),
    FOREIGN KEY (employee_id) REFERENCES employees(id)
);

INSERT INTO orders (id, user_id, food_id, employee_id, amount, status)
VALUES (10, 1, 1, 1, 8000, Pending)

INSERT INTO orders (id, user_id, food_id, employee_id, amount, status)
VALUES (11, 1, 1, 1, 8000, Pending)

INSERT INTO orders (id, user_id, food_id, employee_id, amount, status)
VALUES (12, 1, 1, 1, 8000, Pending)
```

Table: tables

Metadata:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	bigint(20)		UNSIGNED	No	*None*		AUTO_INCREMENT	Change Drop More
2	capacity	int(11)			No	*None*			Change Drop More
3	details	varchar(255)	utf8mb4_unicode_ci		Yes	*NULL*			Change Drop More
4	status	varchar(255)	utf8mb4_unicode_ci		No	available			Change Drop More
5	created_at	timestamp			Yes	*NULL*			Change Drop More
6	updated_at	timestamp			Yes	*NULL*			Change Drop More

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Sample Data:

	id	capacity	details	status	created_at	updated_at
Edit Copy Delete	5	4	Close to window	Availible	2025-06-02 11:14:21	2025-06-02 15:28:48
Edit Copy Delete	6	3	In the middle of the restaurent	Available	2025-06-02 17:35:41	2025-06-02 17:35:41
Edit Copy Delete	7	6	Near the window that ponits towards road.	Occupied	2025-06-02 17:36:19	2025-06-02 17:36:19
Edit Copy Delete	8	2	On Balcony	Available	2025-06-02 17:36:47	2025-06-02 17:36:47

SQL Queries:

```
CREATE TABLE tables (
    id INT PRIMARY KEY,
    capacity INT,
    detail TEXT,
    status VARCHAR(50)
);
```

INSERT INTO tables (id, capacity, details, status)

VALUES (5, 4, 'Close to window', 'Availible')

INSERT INTO tables (id, capacity, details, status)

VALUES (6, 3, 'In the middle of the restaurant', 'Available')

INSERT INTO table (id, capacity, details, status)

VALUES (7, 6, 'Near the window that points towards road.', 'Occupied')

INSERT INTO tables (id, capacity, details, status)

VALUES (8, 2, 'On Balcony', 'Available')

Table: reviews

Metadata:

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
☐	1	id	bigint(20)		UNSIGNED	No	*None*		AUTO_INCREMENT	Change Drop More
☐	2	user_id	bigint(20)		UNSIGNED	No	*None*			Change Drop More
☐	3	food_id	bigint(20)		UNSIGNED	No	*None*			Change Drop More
☐	4	review	text	utf8mb4_unicode_ci		No	*None*			Change Drop More
☐	5	rating	int(11)			No	*None*			Change Drop More
☐	6	date	datetime			No	*None*			Change Drop More

Sample Data:

	id	user_id	food_id	review	rating	date
Edit Copy Delete	1	1	1	Fantastic	4	2025-06-20 09:59:33
Edit Copy Delete	2	1	1	Not Good	2	2025-06-20 10:00:10

SQL Queries:

```
CREATE TABLE reviews (
   id INT PRIMARY KEY,
   user_id INT,
   food_id INT,
   review TEXT,
   rating INT,
   date DATETIME,
   FOREIGN KEY (food_id) REFERENCES food_item(id)
);
```

INSERT INTO reviews (id, user_id, food_id, review, rating, date)

VALUES (1, 1, 1, ‘Fantastic’, 4, 2025-06-20)

INSERT INTO reviews (id, user_id, food_id, review, rating, date)

VALUES (2, 1, 1, ‘Not Good’, 2, 2025-06-20)

Table: books

Metadata:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	bigint(20)		UNSIGNED	No	None		AUTO_INCREMENT	Change Drop More
2	table_id	bigint(20)		UNSIGNED	No	None			Change Drop More
3	phone	varchar(15)	utf8mb4_unicode_ci		No	None			Change Drop More
4	guests	int(11)			No	None			Change Drop More
5	date	date			No	None			Change Drop More
6	time	time			No	None			Change Drop More
7	created_at	timestamp			Yes	NULL			Change Drop More
8	updated_at	timestamp			Yes	NULL			Change Drop More

Sample Data:

	id	table_id	phone	guests	date	time	created_at	updated_at
Edit Copy Delete	1	1	12345	4	2025-06-26	19:23:00	2025-06-20 10:25:17	2025-06-20 10:25:17

SQL Queries:

```
CREATE TABLE books (
   id INT PRIMARY KEY,
   table_id INT,
   phone VARCHAR(15),
   guests INT,
   date DATETIME,
   time DATETIME,
   FOREIGN KEY (table_id) REFERENCES tables(id)
);
```

```
INSERT INTO books (id, table_id, phone, guest, date, time)
VALUES (1, 1, +923429233995, 4, '2025-06-26', '22:44')
```

Table: carts

Metadata:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	bigint(20)		UNSIGNED	No	None		AUTO_INCREMENT	Change Drop More
2	user_id	bigint(20)		UNSIGNED	No	None			Change Drop More
3	food_id	bigint(20)		UNSIGNED	No	None			Change Drop More
4	quantity	int(11)			No	None			Change Drop More
5	price	decimal(8,2)			No	None			Change Drop More
6	created_at	timestamp			Yes	NULL			Change Drop More
7	updated_at	timestamp			Yes	NULL			Change Drop More

Sample Data:

	id	user_id	food_id	quantity	price	created_at	updated_at
Edit Copy Delete	9	4	1	23	18400.00	2025-06-20 13:45:18	2025-06-20 13:45:18
Edit Copy Delete	10	4	1	1	800.00	2025-06-20 13:46:04	2025-06-20 13:46:04

SQL Queries:

```
CREATE TABLE carts (
    id INT PRIMARY KEY,
    user_id INT,
    food_id INT,
    quantity INT,
     price INT,
    FOREIGN KEY (user_id) REFERENCES users(id),
    FOREIGN KEY (food_id) REFERENCES food_item(id)
);

INSERT INTO carts (id, user_id, food_id, quantity, price)
VALUES (9, 4, 1, 23, 18400)

INSERT INTO carts (id, user_id, food_id, quantity, price)
VALUES (10, 4, 1, 1, 800)
```

Table: invoice

Metadata:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	bigint(20)		UNSIGNED	No	None		AUTO_INCREMENT	Change Drop More
2	order_id	bigint(20)		UNSIGNED	No	None			Change Drop More
3	user_id	bigint(20)		UNSIGNED	No	None			Change Drop More
4	amount	int(11)			No	None			Change Drop More
5	status	varchar(50)	utf8mb4_unicode_ci		No	Pending			Change Drop More
6	date	datetime			No	None			Change Drop More
7	created_at	timestamp			Yes	NULL			Change Drop More
8	updated_at	timestamp			Yes	NULL			Change Drop More

Sample Data:

	id	order_id	user_id	amount	status	date	created_at	updated_at
Edit Copy Delete	4	10	1	80000	Cash on Delivery	2025-06-20 11:33:19	2025-06-20 11:33:19	2025-06-20 11:33:19
Edit Copy Delete	5	11	1	97600	Cash on Delivery	2025-06-20 11:34:52	2025-06-20 11:34:52	2025-06-20 11:34:52
Edit Copy Delete	6	12	4	24000	Cash on Delivery	2025-06-20 13:34:16	2025-06-20 13:34:16	2025-06-20 13:34:16

SQL Queries:

```
CREATE TABLE invoice (
   id INT PRIMARY KEY,
   order_id INT,
   user_id INT,
   amount INT,
   status VARCHAR(50),
   date DATETIME,
   FOREIGN KEY (order_id) REFERENCES orders(id),
   FOREIGN KEY (user_id) REFERENCES users(id));

INSERT INTO invoice (id, order_id, user_id, amount, status, date)
VALUES (4, 10, 1, 80000, 'Cash on Delivery', 2025-06-20)

INSERT INTO invoice (id, order_id, user_id, amount, status, date)
VALUES (5, 11, 1, 97600, 'Cash on Delivery', 2025-06-20)
```