**KEY MILESTONE # 03**

**SPRING 2025**

**Database Management Systems**

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

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1. **TABLES & METADATA:**

|  |  |
| --- | --- |
| **Table Name** | **Description** |
| Admin | Stores admin details. |
| Adlogin | Stores admin login credentials. |
| Users | Stores regular user details. |
| Login | Stores regular user login credentials. |
| Courier | Stores courier/shipment details. |
| Contacts | Stores user-submitted contact queries/messages. |

* **ADMIN:**

|  |  |  |
| --- | --- | --- |
| **Column** | **Type** | **Description** |
| a\_id | int(11) | Primary Key (Auto-increment) |
| Email | varchar(50) | Unique admin email |
| Name | varchar(50) | Admin name |
| Pnumber | int(14) | Phone number |

* **AdLOGIN:**

|  |  |  |
| --- | --- | --- |
| **Column** | **Type** | **Description** |
| a\_id | int(11) | Foreign Key → admin.a\_id |
| Email | varchar(50) | Login email |
| Password | varchar(50) | Plaintext password |

* **USERS:**

|  |  |  |
| --- | --- | --- |
| **Column** | **Type** | **Description** |
| u\_id | int(11) | Primary Key (Auto-increment) |
| Email | varchar(50) | Unique user email |
| Name | varchar(50) | user name |
| Pnumber | int(14) | Phone number |

* **LOGIN:**

|  |  |  |
| --- | --- | --- |
| **Column** | **Type** | **Description** |
| u\_id | int(11) | Foreign Key → user.u\_id |
| Email | varchar(50) | Login email |
| Password | varchar(50) | Plaintext password |

* **COURIER:**

|  |  |  |
| --- | --- | --- |
| **Column** | **Type** | **Description** |
| C\_id | int(11) | Primary Key (Auto-increment) |
| U\_id | int(11) | Foreign Key → users.u\_id |
| semail | varchar(50) | Sender email |
| remail | varchar(50) | Receiver email |
| * sname | varchar(50) | Sender name |
| * rname | varchar(50) | Receiver name |
| * sphone | varchar(20) | Sender phone |
| * rphone | varchar(20) | Receiver phone |
| * saddress | varchar(50) | Sender address |
| * raddress | varchar(50) | Receiver address |
| * weight | int(11) | Package weight |
| * bill no. | int(11) | Unique Bill number |
| * image | Text | Proof of dispatch image file |
| * date | Date | Date of courier creation |

* **CONTACTS:**

|  |  |  |
| --- | --- | --- |
| **Column** | **Type** | **Description** |
| Id | int(11) | Primary Key (Auto-increment) |
| Email | varchar(50) | Sender’s email |
| Subject | varchar(30) | Message subject |
| msg | varchar(300) | Message body |

1. **KEYS:**

### Table: Admin

**Primary Key (PK):** a\_id

**Unique Key:** email

### Table: Adlogin

**Foreign Key (FK):** a\_id → references admin(a\_id)

**Index:** a\_id

### Table: Users

**Primary Key (PK):** u\_id

**Unique Key:** email

### Table: Login

**Foreign Key (FK):** u\_id → references users(u\_id)

**Index:** u\_id

### Table: Courier

**Primary Key (PK):** c\_id

**Unique Key:** billno

**Foreign Key (FK):** u\_id → references users(u\_id)

**Index:** u\_id

### Table: Contacts

**Primary Key (PK):** id

1. **DATA:**

* **ADMIN:**

|  |  |  |  |
| --- | --- | --- | --- |
| **a\_id** | **email** | **name** | **pnumber** |
| 1 | Admin1@gmail.com | Ali Khan | 923001112233 |
| 2 | Admin2@gmail.com | Ayesha Siddique | 923004445566 |

* **AdLOGIN:**

|  |  |  |
| --- | --- | --- |
| **a\_id** | **email** | **Password** |
| 1 | Admin1@gmail.com | 12345 |
| 2 | Admin2@gmail.com | 12345 |

* **USERS:**

|  |  |  |  |
| --- | --- | --- | --- |
| **u\_id** | **email** | **name** | **pnumber** |
| 1 | zubair.ali@gmail.com | Zubair Ali | 923458765432 |
| 4 | bilal@gmail.com | Bilal Ahmad | 923332224455 |

* **LOGIN:**

|  |  |  |
| --- | --- | --- |
| **u\_id** | **email** | **Password** |
| 1 | zubair.ali@gmail.com | 12345 |
| 4 | bilal@gmail.com | 12345 |

* **COURIER:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **u\_id** | **C\_id** | **semail** | **remail** | **sname** | **rname** | **sphone** |
| 4 | 7 | bilal@gmail.com | farhan@gmail.com | Bilal Ahmad | Farhan Ali | 03001234567 |
| 4 | 8 | bilal@gmail.com | sana@gmail.com | Bilal Ahmad | Sana Khan | 03001234567 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **rphone** | **saddress** | **raddress** | **Weight** | **Bill no.** | **image** | **date** |
| 03451234567 | Gulshan-e-Iqbal, Karachi | G-10, Islamabad | 2 | 22 | cddd.jpeg | 2025-12-06 |
| 03131234567 | Gulshan-e-Iqbal, Karachi | Model Town, Lahore | 2 | 3263 | fc.png | 2025-12-06 |

* **CONTACTS:**

|  |  |  |  |
| --- | --- | --- | --- |
| **id** | **email** | **subject** | **message** |
| 1 | bilal@gmail.com | delay | Courier was sent two weeks ago but has not been delivered. |
| 2 | ahmed.khan@university.edu.pk | delay | Still waiting for delivery update. |

1. **QUERIES:**

INSERT INTO courier (...) VALUES (...)

UPDATE courier SET ... WHERE cid = ?

DELETE FROM courier WHERE cid = ?

SELECT \* FROM courier WHERE cons\_no LIKE ...

SELECT \* FROM courier ORDER BY book\_date DESC

INSERT INTO courier\_officers (...) VALUES ...

UPDATE courier\_officers SET ... WHERE cid = ?

DELETE FROM courier\_officers WHERE cid = ?

SELECT \* FROM courier\_officers ORDER BY ...

SELECT \* FROM users ORDER BY id DESC

DELETE FROM users WHERE id = ?

INSERT INTO courier\_track (...) VALUES (...)

SELECT \* FROM courier\_track ORDER BY bk\_time DESC

UPDATE courier SET status = ? WHERE cid = ?