

create images and use attributes of table

To create an ER diagram image for your **Placement Portal** using the actual attributes from your tables, you should follow these steps:

How to Draw the ER Diagram

1. Identify Entities and Attributes

Below are the main entities (tables) with their key attributes (fields):

Entity	Attributes (Fields)
Admin	id_admin (PK), username, password
User	id_user (PK), firstname, lastname, email, password, address, city, state, contactno, qualification, stream, passingyear, dob, age, designation, resume, hash, active, aboutme, skills, hsc, ssc, ug, pg
Company	id_company (PK), name, companynname, country, state, city, contactno, website, email, password, aboutme, logo, createdAt, active
Apply_Job_Post	id_apply (PK), id_jobpost, id_company, id_user, status
Mailbox	id_mailbox (PK), id_fromuser, fromuser, id_touser, subject, message, createdAt
Reply_Mailbox	id_reply (PK), id_mailbox, id_user, usertype, message, createdAt
Notice	id (PK), subject, notice, audience, date
Countries	id (PK), sortname, name, phonecode
States	id (PK), name, country_id
Cities	id (PK), name, state_id

2. Show Relationships

- **User** applies for jobs via **Apply_Job_Post** (id_user)
- **Company** receives applications via **Apply_Job_Post** (id_company)
- **Mailbox** and **Reply_Mailbox** link users/companies/admins for messaging
- **User** and **Company** are linked to **Cities**, **States**, **Countries** for location

3. Visual Representation

Sample ER Diagram Structure

You can use online tools like [Creately]^[1], [Lucidchart]^[2], or [EdrawMax]^[3] to visually draw this diagram. Here's how your diagram should look (structure-wise):

```
[Admin]
| id_admin (PK)
| username
| password

[User]
| id_user (PK)
| firstname
| lastname
| ... (other attributes)

[Company]
| id_company (PK)
| name
| ... (other attributes)

[Apply_Job_Post]
| id_apply (PK)
| id_jobpost
| id_company (FK)
| id_user (FK)
| status

[Mailbox]
| id_mailbox (PK)
| id_fromuser
| id_touser
| ...

[Reply_Mailbox]
| id_reply (PK)
| id_mailbox (FK)
| id_user (FK)
| ...

[Notice]
| id (PK)
| subject
| ...

[Countries]
| id (PK)
| name
| ...

[States]
| id (PK)
| name
```

```

| country_id (FK)

[Cities]
| id (PK)
| name
| state_id (FK)

```

Lines/arrows should connect:

- Apply_Job_Post.id_user → User.id_user
- Apply_Job_Post.id_company → Company.id_company
- States.country_id → Countries.id
- Cities.state_id → States.id
- User.city/User.state/User.country to respective tables (if normalized)
- Company.city/Company.state/Company.country to respective tables (if normalized)
- Mailbox and Reply_Mailbox to User/Company/Admin as needed

4. Example Visual (Textual)

```

+-----+          +-----+          +-----+
| User  |&lt;-----&gt;| Apply_Job_Post |&lt;-----&gt;| Company |
+-----+          +-----+          +-----+
      |              |              |
      |              |              |
      v              v              v
+-----+          +-----+          +-----+
| Cities |&lt;-----&gt;| States  |&lt;-----&gt;|Country  |
+-----+          +-----+          +-----+

+-----+
| Mailbox |
+-----+
      |
      v
+-----+
| Reply_Mailbox|
+-----+

+-----+
| Notice |
+-----+

```

5. How to Create the Image

- Use an ER diagram tool ([Creately]^[1], [Lucidchart]^[2], [EdrawMax]^[3]).
- Draw rectangles for each entity, list the attributes inside.
- Use diamonds or labeled lines for relationships.
- Connect related fields with lines (showing FK/PK).

You can use templates from Creately or EdrawMax for placement portals and customize them with your actual attributes^{[1] [3] [4]}.

References for Visual Tools and Templates

- Creately: Placement Portal ER Diagram Example^[1]
- EdrawMax: Placement Agency ER Diagram Template^[3]
- FreeProjectz: Training and Placement Management System ER Diagram^[4]

Summary:

Use an ER diagram tool to draw rectangles for each table, listing the actual attributes from your schema. Connect entities with lines to show relationships (foreign keys). Use existing placement portal ERD templates as a starting point and customize with your table and attribute names for a professional result^{[1] [2] [3] [4]}.

---^{[1] [2] [3] [4]}



1. <https://creately.com/diagram/example/ivm20ed73/placement-portal-classic>
2. <https://www.lucidchart.com/pages/er-diagrams>
3. <https://www.edrawmax.com/templates/1016564/>
4. <https://www.freeprojectz.com/entity-relationship/training-and-placement-management-system-er-diagram>