

Phase 1: Entity-Relationship Diagram (ERD)



One-to-Many Relationships

1. User → HiringRequest (as Client)

- One client can send many hiring requests to freelancers.

2. User → HiringRequest (as Freelancer)

- One freelancer can receive many hiring requests from different clients.

3. User → Message (as Sender)

- One user can send many messages.

4. User → Message (as Receiver)

- One freelancer can receive many messages.

Many-to-Many Relationships

1. Users ⇔ Skills

- A user can have multiple skills.
- A skill can belong to multiple users.

2. Users ⇔ Reviews

- A user can give multiple reviews to different professionals.
- A user can receive multiple reviews from different clients.

3. Users ⇔ Tags (for filtering and searchability)

- A user can have multiple tags (e.g., “Web Developer”, “UI/UX”, “SEO Specialist”).
- A tag can be linked to multiple users.