**user:**

ID (primary key) - int

username - varchar(50)

password - varchar(50)

email - varchar(50)

role - varchar(50)

**Jobs:**

ID (primary key) - int

title - varchar(50)

description - varchar(500)

budget - float

hourly rate - float

recruiter ID (foreign key to Users) - int

status - varchar(50)

**Proposals:**

ID (primary key) - int

freelancer ID (foreign key to Users) - int

job ID (foreign key to Jobs) - int

cover letter - varchar(500)

bid amount - float

status - varchar(50)

**Payments:**

ID (primary key) - int

freelancer ID (foreign key to Users) - int

job ID (foreign key to Jobs) - int

amount - float

status - varchar(50)

**Reviews:**

ID (primary key) - int

reviewer ID (foreign key to Users) - int

reviewee ID (foreign key to Users) - int

rating - int

comment - varchar(500)

CREATE TABLE Users (

id INT IDENTITY(1,1) PRIMARY KEY,

username VARCHAR(50) NOT NULL,

password VARCHAR(50) NOT NULL,

email VARCHAR(50) NOT NULL,

role VARCHAR(50) NOT NULL

);

CREATE TABLE Jobs (

id INT IDENTITY(1,1) PRIMARY KEY,

title VARCHAR(50) NOT NULL,

description VARCHAR(500) NOT NULL,

budget FLOAT NOT NULL,

hourly\_rate FLOAT NOT NULL,

recruiter\_id INT NOT NULL,

status VARCHAR(50) NOT NULL,

FOREIGN KEY (recruiter\_id) REFERENCES Users(id)

);

CREATE TABLE Proposals (

id INT IDENTITY(1,1) PRIMARY KEY,

freelancer\_id INT NOT NULL,

job\_id INT NOT NULL,

cover\_letter VARCHAR(500) NOT NULL,

bid\_amount FLOAT NOT NULL,

status VARCHAR(50) NOT NULL,

FOREIGN KEY (freelancer\_id) REFERENCES Users(id),

FOREIGN KEY (job\_id) REFERENCES Jobs(id)

);

CREATE TABLE Payments (

id INT IDENTITY(1,1) PRIMARY KEY,

freelancer\_id INT NOT NULL,

job\_id INT NOT NULL,

amount FLOAT NOT NULL,

status VARCHAR(50) NOT NULL,

FOREIGN KEY (freelancer\_id) REFERENCES Users(id),

FOREIGN KEY (job\_id) REFERENCES Jobs(id)

);

CREATE TABLE Reviews (

id INT IDENTITY(1,1) PRIMARY KEY,

reviewer\_id INT NOT NULL,

reviewee\_id INT NOT NULL,

rating INT NOT NULL,

comment VARCHAR(500) NOT NULL,

FOREIGN KEY (reviewer\_id) REFERENCES Users(id),

FOREIGN KEY (reviewee\_id) REFERENCES Users(id)

);