{*FREELNACE MANAGEMENT SYSTEM*}

Submission date:

(Aug 03,2023)

Submitted by:

Zain Ali (21011519-152)

Course Name:

Database Management System

Submitted to:

Dr. Zahid Iqbal

FREELANCE MANAGEMENT SYSTEM

Tables of Project:

```sql
                CREATE TABLE Clients (
    client_id INT PRIMARY KEY,
    client_name VARCHAR(50),
    email VARCHAR(100),
    contact_number VARCHAR(20),
        country_name   varchar(20)
);

CREATE TABLE freelancers (
    freelancer_id INT PRIMARY KEY,
    full_name VARCHAR(100),
    email VARCHAR(100),
    contact_number VARCHAR(20),
    hourly_rate DECIMAL(10, 2),
    availability_status VARCHAR(20),
        country_name varchar(20)
);

CREATE TABLE skills (
    skill_id INT PRIMARY KEY,
    skill_name VARCHAR(100)
);

CREATE TABLE freelancer_skills (
    freelancer_id INT,
    skill_id INT
        )

CREATE TABLE projects (
    project_id INT PRIMARY KEY,
    client_id INT,
    title VARCHAR(100),
    description TEXT,
    budget DECIMAL(10, 2),
    deadline DATE,
    status VARCHAR(20),
);

CREATE TABLE project_skills_required (
    project_id INT,
    skill_id INT
);

CREATE TABLE bids (
    bid_id INT PRIMARY KEY,
    project_id INT,
    freelancer_id INT,
    amount DECIMAL(10, 2),
    proposal TEXT,
);
```

```sql
CREATE TABLE payments (
    payment_id INT PRIMARY KEY,
    project_id INT,
    client_id INT,
    freelancer_id INT,
    amount DECIMAL(10, 2),
    payment_date DATE
);

CREATE TABLE earnings (
    earning_id INT PRIMARY KEY,
    freelancer_id INT,
    project_id INT,
    amount DECIMAL(10, 2),
    earning_date DATE
);

CREATE TABLE reviews (
    review_id INT PRIMARY KEY,
    project_id INT,
    client_id INT,
    freelancer_id INT,
    rating INT,
    review_text TEXT
);
```

Insertion of Data into Tables:

```sql
INSERT INTO clients VALUES
    (1, 'Aarav Sharma', 'aarav.sharma@example.com', '555-123-4567', 'Indian'),
    (2, 'Nisha Patel', 'nisha.patel@example.com', '555-987-6543', 'Indian'),
    (3, 'Ravi Kumar', 'ravi.kumar@example.com', '555-456-7890', 'Indian'),
    (4, 'Deepika Gupta', 'deepika.gupta@example.com', '555-789-1234', 'Indian'),
    (5, 'Arjun Singh', 'arjun.singh@example.com', '555-234-5678', 'Indian'),
    (6, 'Ayse Kaya', 'ayse.kaya@example.com', '555-123-4567', 'Turkish'),
    (7, 'Emir Yilmaz', 'emir.yilmaz@example.com', '555-987-6543', 'Turkish'),
    (8, 'Zeynep Öztürk', 'zeynep.ozturk@example.com', '555-456-7890', 'Turkish'),
    (9, 'Burak Demir', 'burak.demir@example.com', '555-789-1234', 'Turkish'),
    (10, 'Elif Aksoy', 'elif.aksoy@example.com', '555-234-5678', 'Turkish'),
    (11, 'Sanjeewa Perera', 'sanjeewa.perera@example.com', '555-123-4567', 'Sri
Lankan'),
    (12, 'Malini Fernando', 'malini.fernando@example.com', '555-987-6543', 'Sri
Lankan'),
```

```
    (13, 'Pradeep Silva', 'pradeep.silva@example.com', '555-456-7890', 'Sri Lankan'),

    (14, 'Tharanga Bandara', 'tharanga.bandara@example.com', '555-789-1234', 'Sri
Lankan'),

    (15, 'Ayesha Ratnayake', 'ayesha.ratnayake@example.com', '555-234-5678', 'Sri
Lankan'),

    (16, 'Michael Johnson', 'michael.johnson@example.com', '555-123-4567', 'USA'),

    (17, 'Jennifer Smith', 'jennifer.smith@example.com', '555-987-6543', 'USA'),

    (18, 'David Brown', 'david.brown@example.com', '555-456-7890', 'USA'),

    (19, 'Emily Davis', 'emily.davis@example.com', '555-789-1234', 'USA'),

    (20, 'Christopher Wilson', 'christopher.wilson@example.com', '555-234-5678',
'USA');


INSERT INTO freelancers (freelancer_id, full_name, email, contact_number,
hourly_rate, availability_status, country_name)

VALUES

(1, 'Ayesha Patel', 'ayesha.patel@example.com', '555-123-4567', 45.00, 'Available',
'Pakistan'),

(2, 'Fatima Khan', 'fatima.khan@example.com', '555-987-6543', 50.00, 'Available',
'Pakistan'),

(3, 'Zainab Ali', 'zainab.ali@example.com', '555-456-7890', 55.00, 'Available',
'Pakistan'),

(4, 'Ahmed Malik', 'ahmed.malik@example.com', '555-789-1234', 40.00, 'Unavailable',
'Pakistan'),

(5, 'Hassan Ahmed', 'hassan.ahmed@example.com', '555-234-5678', 65.00, 'Available',
'Pakistan'),

(6, 'Sana Khan', 'sana.khan@example.com', '555-876-5432', 60.00, 'Available',
'Bangladesh'),

(7, 'Farhan Khan', 'farhan.khan@example.com', '555-789-5678', 50.00, 'Unavailable',
'Bangladesh'),

(8, 'Amina Hussain', 'amina.hussain@example.com', '555-234-8765', 55.00, 'Available',
'Bangladesh'),

(9, 'Omar Siddiqui', 'omar.siddiqui@example.com', '555-567-2345', 60.00, 'Available',
'Bangladesh'),

(10, 'Emaan Raza', 'emaan.raza@example.com', '555-987-5432', 45.00, 'Available',
'Bangladesh'),

(11, 'Oliver Harris', 'oliver.harris@example.com', '555-123-4567', 45.00,
'Available', 'USA'),
```

```
(12, 'Sophia Scott', 'sophia.scott@example.com', '555-456-7890', 55.00, 'Available',
'USA'),

(13, 'Lucas Allen', 'lucas.allen@example.com', '555-789-0123', 50.00, 'Available',
'USA'),

(14, 'Amelia Turner', 'amelia.turner@example.com', '555-012-3456', 60.00,
'Available', 'USA'),

(15, 'Jackson Hill', 'jackson.hill@example.com', '555-234-5678', 65.00, 'Available',
'USA'),

(16, 'Olivia Lopez', 'olivia.lopez@example.com', '555-567-8901', 60.00, 'Available',
'Canada'),

(17, 'Liam Moore', 'liam.moore@example.com', '555-890-1234', 50.00, 'Available',
'Canada'),

(18, 'Charlotte King', 'charlotte.king@example.com', '555-234-5678', 55.00,
'Available', 'Canada'),

(19, 'Henry Young', 'henry.young@example.com', '555-567-8901', 60.00, 'Available',
'Canada'),

(20, 'Sophia Turner', 'sophia.turner@example.com', '555-890-1234', 45.00,
'Available', 'Canada'),

(21, 'Rahul Sharma', 'rahul.sharma@example.com', '555-987-6543', 50.00, 'Available',
'India'),

(22, 'Aishwarya Patel', 'aishwarya.patel@example.com', '555-456-7890', 55.00,
'Available', 'India'),

(23, 'Amit Singh', 'amit.singh@example.com', '555-789-1234', 40.00, 'Unavailable',
'India'),

(24, 'Priya Sharma', 'priya.sharma@example.com', '555-234-5678', 65.00, 'Available',
'India'),

(25, 'Noah Martinez', 'noah.martinez@example.com', '555-876-5432', 60.00,
'Available', 'India'),

(26, 'Isabella Clark', 'isabella.clark@example.com', '555-789-5678', 50.00,
'Unavailable', 'Nepal'),

(27, 'Liam Wilson', 'liam.wilson@example.com', '555-234-8765', 55.00, 'Available',
'Nepal'),

(28, 'Mia Garcia', 'mia.garcia@example.com', '555-567-2345', 60.00, 'Available',
'Nepal'),

(29, 'Sophia Lopez', 'sophia.lopez@example.com', '555-987-5432', 45.00, 'Available',
'Nepal'),

(30, 'Elijah Scott', 'elijah.scott@example.com', '555-234-5678', 70.00, 'Available',
'Nepal');
```

```sql
    INSERT INTO skills VALUES

(1, 'Web Development'),

(2, 'Graphic Design'),

(3, 'Data Analysis'),

(4, 'Content Writing'),

(5, 'Software Engineering'),

(6, 'UX Design'),

(7, 'Mobile App Development'),

(8, 'Digital Marketing'),

(9, 'Video Editing'),

(10, 'Social Media Management');



INSERT INTO freelancer_skills (freelancer_id, skill_id)

VALUES

(1, 1),  -- Ayesha Patel: Web Development

(1, 3),  -- Ayesha Patel: Data Analysis

(2, 2),  -- Fatima Khan: Graphic Design

(2, 4),  -- Fatima Khan: Content Writing

(3, 5),  -- Zainab Ali: Software Engineering

(3, 7),  -- Zainab Ali: Mobile App Development

(4, 1),  -- Ahmed Malik: Web Development

(4, 9),  -- Ahmed Malik: Video Editing

(5, 5),  -- Hassan Ahmed: Software Engineering

(5, 10), -- Hassan Ahmed: Social Media Management

(6, 6),  -- Sana Khan: UX Design

(6, 9),  -- Sana Khan: Video Editing

(7, 2),  -- Farhan Khan: Graphic Design

(7, 3),  -- Farhan Khan: Data Analysis
```

```sql
(8, 1),  -- Amina Hussain: Web Development

(8, 5),  -- Amina Hussain: Software Engineering

(9, 2),  -- Omar Siddiqui: Graphic Design

(9, 8),  -- Omar Siddiqui: Digital Marketing

(10, 10),-- Emaan Raza: Social Media Management

(10, 6), -- Emaan Raza: UX Design

(11, 1), -- Oliver Harris: Web Development

(11, 3), -- Oliver Harris: Data Analysis

(12, 2), -- Sophia Scott: Graphic Design

(12, 5), -- Sophia Scott: Software Engineering

(13, 1), -- Lucas Allen: Web Development

(13, 8), -- Lucas Allen: Digital Marketing

(14, 2), -- Amelia Turner: Graphic Design

(14, 6), -- Amelia Turner: UX Design

(15, 1), -- Jackson Hill: Web Development

(15, 5), -- Jackson Hill: Software Engineering

(16, 2), -- Olivia Lopez: Graphic Design

(16, 9), -- Olivia Lopez: Video Editing

(17, 1), -- Liam Moore: Web Development

(17, 3), -- Liam Moore: Data Analysis

(18, 2), -- Charlotte King: Graphic Design

(18, 10),-- Charlotte King: Social Media Management

(19, 1), -- Henry Young: Web Development

(19, 4), -- Henry Young: Content Writing

(20, 5), -- Sophia Turner: Software Engineering

(20, 8), -- Sophia Turner: Digital Marketing

(21, 7); -- Rahul Sharma : Mobile App Development


    INSERT INTO projects (project_id, client_id, title, description, budget,
deadline, status) VALUES

    (1, 1, 'Web Development', 'Redesign our company website with a modern and
responsive design.', 8000.00, '2023-04-25', 'Completed'),
```

```sql
    (2, 2, 'Digital Marketing', 'Plan and execute a product launch event for our new
product line.', 12000.00, '2023-06-01', 'Completed'),

    (3, 3, 'Data Analysis', 'Conduct a comprehensive financial analysis of our
company.', 5000.00, '2023-06-15', 'Completed'),

    (4, 13, 'Mobile App Development', 'Develop a mobile app for our customers with
advanced features.', 10000.00, '2023-05-31', 'Completed'),

    (5, 10, 'Social Media Management', 'Create and manage a social media campaign to
increase brand visibility.', 6000.00, '2023-08-05', 'In Progress'),

    (6, 19, 'Graphic Design', 'Design a new logo for our brand to give it a fresh
look.', 2000.00, '2023-04-15', 'Completed'),

    (7, 4, 'Data Analysis', 'Conduct market research to identify new business
opportunities.', 4000.00, '2023-05-20', 'Completed'),

    (8, 18, 'Content Writing', 'Create engaging and informative content for our blog
and social media channels.', 3000.00, '2023-08-10', 'In Progress'),

    (9, 20, 'Data Analysis', 'Create interactive data visualizations for our sales
and marketing reports.', 6000.00, '2023-07-15', 'Completed'),

    (10, 15, 'Content Writing', 'Write persuasive copy for our advertising and
promotional materials.', 2500.00, '2023-08-20', 'Open'),

    (11, 5, 'Email Marketing', 'Write persuasive copy for our advertising and
promotional materials.', 2500.00, '2023-08-20', 'Open'),

    (12, 6, 'Video Editing', 'Write persuasive copy for our advertising and
promotional materials.', 2500.00, '2023-08-20', 'Open'),

    (13, 7, 'UX Design', 'Write persuasive copy for our advertising and promotional
materials.', 2500.00, '2023-08-20', 'Open');




    INSERT INTO project_skills_required (project_id, skill_id) VALUES

    (1, 1),      -- Website Redesign requires skill 1: Web Development

    (2, 8),      -- Product Launch requires skill 2: Digital Marketing

    (3, 3),      -- Financial Analysis requires skill 3: Data Analysis

    (4, 7),      -- Mobile App Development requires skill 7: Mobile App Development

    (5, 10),      -- Social Media Campaign requires skill 5: social media management

    (6, 2),      -- Logo Design requires skill 2: Graphic Design

    (7, 3),      -- Market Research requires skill 3: Data Analysis

    (8, 4),      -- Content Creation requires skill 4: Content Writing
```

```sql
    (9, 3),      -- Data Visualization requires skill 5: Data Analysis

    (10, 4);     -- Copywriting requires skill 8: content writing


    INSERT INTO bids (bid_id, project_id, freelancer_id, amount, proposal) VALUES
    (1, 1, 1, 7500.00, 'I have extensive experience in web development, and I can create
     a stunning website for your company.'),
    (2, 2, 13, 10000.00, 'With my expertise in digital marketing, I can promote your
     product launch event to reach a wider audience.'),


 (3, 3, 11, 4500.00, 'I have strong analytical skills and can provide valuable
 insights through a detailed financial analysis.'),
 (4, 4, 3, 9500.00, 'I have significant experience in mobile app development and can
 create a robust and user-friendly app for your business.'),
    (5, 5, 5, 5500.00, 'I am well-versed in social media marketing and can manage a
successful campaign to boost your brand presence.'),
    (6, 6, 16, 1800.00, 'I have extensive experience in Graphic Designing and can
create a modern logo Designs for your business.'),
    (7, 7, 7, 3700.00, 'I specialize in Data Analysis and can conduct  marketing
research for Business oppurtinities.'),
    (8, 7, 17, 3800.00, 'With my expertise in data analysis, I can extract valuable
insights from your financial data to provide business oppurtinities.'),
    (9, 9, 17, 5800.00, 'Im an expert in data analysis and I can create ineractive
data visualization for your sales and marketing reports.'),
    (10, 6, 12, 1900.00, 'As a skilled graphic designer, I can revamp your website
with eye-catching graphics and a user-friendly layout.'),
    (11, 1, 8, 7700.00, 'Im an expert in web development and graphic design, and I
can create a stunning website tailored to your companys needs.'),
    (12, 2, 20, 11000.00, 'I can skillfully promote your product launch event,
ensuring it captivates a vast audience and gains widespread exposure.'),
    (13, 3, 17, 4700.00, 'Im really good at analyzing financial data, and I can give
you really useful information to help you make important decisions'),
    (14, 5, 18, 5700.00, 'I am well-versed in social media marketing and can manage a
successful campaign to boost your brand presence.'),
    (15, 9, 1, 5700.00, 'I have extensive experience in data anaysis and can create
interactive visualization for sales and marketign reports.'),
```

```sql
    (16, 10, 19, 2400.00, 'I specialize in content writing and can create persuasive
copy for our advertising and promotional materials'),

    (17, 8, 19, 2800.00, 'With my expertise in content marketing, I can develop a
compelling strategy to attract and retain customers.'),

    (18, 4, 21, 9000.00, 'I have experience in mobile app development and can conduct
thorough testing to ensure the quality of your app.'),

     (19, 8, 2, 2900.00, 'With my expertise in content writng, I can develop a
compelling strategy to attract and retain customers.');




    INSERT INTO payments (payment_id, project_id, client_id, freelancer_id,
amount,
     payment_date) VALUES
   (1, 1, 1, 8, 7700.00, '2023-04-25'),
   (2, 2, 2, 13, 8000.00, '2023-06-01'),
   (3, 3, 3, 17, 4700.00, '2023-06-15'),
   (4, 4, 13, 3, 9500.00, '2023-05-31'),
   --(5, 5, 10, 18, 5700.00, '2023-08-05'),
   (6, 6, 19, 12, 1900.00, '2023-04-15'),
   (7, 7, 4, 7, 3700.00, '2023-05-20'),
   --(8, 8, 18, 2, 2900.00, '2023-08-10'),
   (9, 9, 20, 17, 5800.00, '2023-07-15'),
   (10, 10, 15, 19, 2400.00, '2023-07-25');




    INSERT INTO earnings (earning_id, freelancer_id, project_id, amount,
earning_date)
   VALUES
   (1, 8, 1, 7700.00, '2023-04-25'),
   (2, 13, 2, 8000.00, '2023-06-01'),
   (3, 11, 3, 4500.00, '2023-06-15'),
   (4, 3, 4, 9500.00, '2023-08-31'),
   --(5, 18, 5, 5700.00, '2023-08-05'),
   (6, 12, 6, 1900.00, '2023-04-15'),
```

```
    (7, 4, 7, 3700.00, '2023-05-20'),
 -- (8, 2, 8, 2900.00, '2023-08-10'),
    (9, 17, 9, 5800.00, '2023-07-15'),
    (10, 19, 10, 2400.00, '2023-07-25');
```

```
INSERT INTO reviews (review_id, project_id, client_id, freelancer_id, rating,
review_text)
VALUES
    (1, 1, 1, 8, 5, 'Great work! Amina Hussain did an amazing job on our website
redesign.'),
    (2, 2, 2, 13, 4, 'Lucas Allan organized a successful product launch event. Well
done!'),
    (3, 3, 3, 11, 4, 'Liam Moore provided valuable insights in the financial
analysis.'),
    (4, 4, 13, 3, 5, 'Zainab Ali Mobile App Developemnt skills are top-notch. Highly
recommended!'),
    --(5, 5, 10, 18, 4, 'Charlotte King Social Media Management expertise is
impressive.'),
    (6, 6, 19, 12, 3, 'Sophia Schot design could have been better but overall good
work.'),
    (7, 7, 4, 7, 5, 'Farhan Khan did an excellent job on the Market research for
providing Business oppurtnities.'),
    --(8, 8, 18, 2, 4, 'Fatima Khan content writing work was exceptional. Minor
communication issues.'),
    (9, 9, 20, 17, 5, 'Liam Morre data analysis skills were crucial for our project
success.'),
    (10, 10, 15, 19, 4, 'Henry Young managed our copy writing needs well.');
```

```
Procedures:
            -- Procedure 1: GetClientsFromMultipleCountries
-- Query 1: Select clients from India and Turkish


CREATE PROCEDURE GetClientsFromMultipleCountries
```

```sql
        @country1 varchar(30),

        @country2 varchar(30)

AS

BEGIN


    SELECT client_id, client_name, email, contact_number, country_name

    FROM Clients

    WHERE country_name IN ('India', 'Turkish');

END

GO

drop procedure if exists GetClientsFromMultipleCountries


-- Procedure 2: GetFreelancersByHourlyRate

-- Query 2: Select freelancers with an hourly rate between $50 and $60

CREATE PROCEDURE GetFreelancerByHourlyRate

    @min_hourly_rate DECIMAL(10, 2),

    @max_hourly_rate DECIMAL(10, 2)

AS

BEGIN

    SELECT freelancer_id, full_name, email, contact_number, hourly_rate,
availability_status

    FROM freelancers

    WHERE hourly_rate BETWEEN @min_hourly_rate AND @max_hourly_rate;

END

GO

drop procedure if exists GetFreelancerByHourlyRate




-- Procedure 3: GetProjectsByBudgetAndDeadline

CREATE PROCEDURE GetProjectByBudgetAndDeadline

    @min_budget DECIMAL(10, 2),
```

```
    @deadline_date DATE
AS
BEGIN
    SELECT project_id, client_id, title, description, budget, deadline, status
    FROM projects
    WHERE budget >= @min_budget AND deadline < @deadline_date;
END
GO
drop procedure if exists GetProjectByBudgetAndDeadline


-- Procedure 4: GetSkillsForProject
CREATE PROCEDURE GetSkillsForProjects
    @project_id INT
AS
BEGIN
    SELECT psr.project_id, psr.skill_id, s.skill_name
    FROM project_skills_required psr
    JOIN skills s ON psr.skill_id = s.skill_id
    WHERE psr.project_id = @project_id;
END
GO
drop procedure if exists GetSkillsForProjects
-- Procedure 5: GetBidsByFreelancerIDs
CREATE PROCEDURE GetBidsByFreelancerID
    @freelancer_ids NVARCHAR(MAX)
AS
BEGIN
        SELECT bid_id, project_id, freelancer_id, amount, proposal
        FROM bids
        WHERE freelancer_id=@freelancer_ids;
```

```sql
END

GO

exec GetBidsByFreelancerIDs 456;

drop procedure if exists GetBidsByFreelancerID

-- Procedure 6: GetPaymentsByDateAndAmount

CREATE PROCEDURE GetsPaymentsByDateAndAmount

    @min_payment_date DATE,

    @max_payment_date DATE,

    @min_amount DECIMAL(10, 2)

AS

BEGIN

    SELECT payment_id, project_id, client_id, freelancer_id, amount, payment_date

    FROM payments

    WHERE payment_date BETWEEN @min_payment_date AND @max_payment_date AND amount >=
@min_amount;

END

GO


drop procedure if exists  GetsPaymentsByDateAndAmount

-- Procedure 7: GetProjectsAndReviewsByRating

CREATE PROCEDURE GetProjectsAndReviewsByRatings

    @status VARCHAR(50),

    @min_rating INT

AS

BEGIN

    SELECT projects.project_id, projects.client_id, projects.title, projects.status,
reviews.rating, reviews.review_text

    FROM projects

    JOIN reviews ON projects.project_id = reviews.project_id

    WHERE projects.status = @status AND reviews.rating >= @min_rating;

END

GO
```

```
drop procedure if exists GetProjectsAndReviewsByRatings

-- Procedure 8: GetFreelancersByAvailabilityAndHourlyRate

CREATE PROCEDURE GetFreelancersByAvailabilityAndHourlyRates

    @availability_status VARCHAR(50),

    @max_hourly_rate DECIMAL(10, 2)

AS

BEGIN

    SELECT freelancer_id, full_name, email, contact_number, hourly_rate,
availability_status

    FROM freelancers

    WHERE availability_status = @availability_status AND hourly_rate <
@max_hourly_rate;

END

GO

drop procedure if exists GetFreelancersByAvailabilityAndHourlyRates

-- Procedure 9: GetProjectsByBudgetAndStatus

CREATE PROCEDURE GetsProjectsByBudgetAndStatus

    @min_budget DECIMAL(10, 2),

    @status NVARCHAR(MAX)

AS

BEGIN

        SELECT project_id, client_id, title, description, budget, deadline, status

        FROM projects

        WHERE budget=@min_budget  AND status=@status;

END

GO

drop procedure if exists GetsProjectsByBudgetAndStatus

-- Procedure 10: GetSkillsExcludingWebDevelopment

CREATE PROCEDURE GetsSkillsExcludingWebDevelopment

    @excluded_skill_id INT

AS

BEGIN
```

```sql
        SELECT skill_id, skill_name

        FROM skills

        WHERE skill_id != @excluded_skill_id;

END

GO

drop procedure if exists GetsSkillsExcludingWebDevelopment

-- Procedure 11: GetBidsForProjectsByBudgetAndDeadline

CREATE PROCEDURE GetsBidsForProjectsByBudgetAndDeadline

    @min_budget DECIMAL(10, 2),

    @deadline_date DATE

AS

BEGIN

    SELECT bid_id, project_id, freelancer_id, amount, proposal

    FROM bids

    WHERE project_id IN (

        SELECT project_id

        FROM projects

        WHERE budget >= @min_budget AND deadline < @deadline_date

    );

END

GO

drop procedure if exists GetsBidsForProjectsByBudgetAndDeadline

-- Procedure 12: GetPaymentsByClientIDOrFreelancerID

CREATE PROCEDURE GetsPaymentsByClientIDOrFreelancerID

    @client_id INT,

    @freelancer_id INT

AS

BEGIN

    SELECT payment_id, project_id, client_id, freelancer_id, amount, payment_date

    FROM payments

    WHERE client_id = @client_id OR freelancer_id = @freelancer_id;
```

```
END

GO

drop procedure if exists GetsPaymentsByClientIDOrFreelancerID

-- Procedure 13: GetEarningsByFreelancerRating

CREATE PROCEDURE GetsEarningsByFreelancerRating

    @rating INT

AS

BEGIN

    SELECT earning_id, freelancer_id, project_id, amount, earning_date

    FROM earnings

    WHERE freelancer_id IN (

        SELECT freelancer_id

        FROM reviews

        WHERE rating = @rating

    );

END

GO

drop procedure if exists GetsEarningsByFreelancerRating

-- Procedure 14: GetClientsWithoutProjects

CREATE PROCEDURE GetsClientsWithoutProjects

AS

BEGIN

    SELECT client_id, client_name, email, contact_number, country_name

    FROM Clients

    WHERE client_id NOT IN (

        SELECT DISTINCT client_id

        FROM projects

    );

END

GO

drop procedure if exists GetsClientsWithoutProjects
```

```sql
-- Procedure 15: GetFreelancersFromUSAWithHourlyRate

CREATE PROCEDURE GetsFreelancersFromUSAWithHourlyRate

AS

BEGIN

    SELECT freelancer_id, full_name, email, contact_number, hourly_rate,
availability_status

    FROM freelancers

    WHERE availability_status = 'Available' AND hourly_rate BETWEEN 50.00 AND 60.00

    AND freelancer_id IN (

        SELECT freelancer_id

        FROM Clients

        WHERE country_name = 'USA'

    );

END

GO

drop procedure if exists GetsFreelancersFromUSAWithHourlyRate

-- Procedure 16: GetProjectsByBidAmount

CREATE PROCEDURE GetsProjectsByBidAmount

    @min_bid_amount DECIMAL(10, 2)

AS

BEGIN

    SELECT project_id, client_id, title, description, budget, deadline, status

    FROM projects

    WHERE project_id IN (

        SELECT project_id

        FROM bids

        WHERE amount >= @min_bid_amount

    );

END

GO

drop procedure if exists GetsProjectsByBidAmount

-- Procedure 17: GetSkillsForHighBudgetProjects
```

```sql
CREATE PROCEDURE GetsSkillsForHighBudgetProjects
    @min_budget DECIMAL(10, 2)
AS
BEGIN
    SELECT skill_id, skill_name
    FROM skills
    WHERE skill_id IN (
        SELECT skill_id
        FROM project_skills_required
        WHERE project_id IN (
            SELECT project_id
            FROM projects
            WHERE budget > @min_budget
        )
    );
END
GO
drop procedure if exists GetsSkillsForHighBudgetProjects
-- Procedure 18: GetProjectsByLowReviewRating
CREATE PROCEDURE GetsProjectsByLowReviewRating
    @max_rating INT
AS
BEGIN
    SELECT project_id, client_id, title, description, budget, deadline, status
    FROM projects
    WHERE project_id IN (
        SELECT project_id
        FROM reviews
        WHERE rating < @max_rating
    );
END
```

```
GO

drop procedure if exists GetsProjectsByLowReviewRating


-- Procedure 19: GetBidsByFreelancerAndLowBudgetProjects

CREATE PROCEDURE GetsBidsByFreelancerAndLowBudgetProjects

    @freelancer_id INT,

    @max_budget DECIMAL(10, 2)

AS

BEGIN

    SELECT bid_id, project_id, freelancer_id, amount, proposal

    FROM bids

    WHERE freelancer_id = @freelancer_id AND project_id IN (

        SELECT project_id

        FROM projects

        WHERE budget < @max_budget

    );

END

GO

drop procedure if exists GetsBidsByFreelancerAndLowBudgetProjects

-- Procedure 20: GetPaymentsByClientAndCompletedProjects

CREATE PROCEDURE GetsPaymentsByClientAndCompletedProjects

    @client_id INT

AS

BEGIN

    SELECT p.payment_id, p.project_id, p.client_id, p.freelancer_id, amount,
payment_date

    FROM payments p

    JOIN reviews r ON p.project_id = r.project_id

    WHERE p.client_id = @client_id AND r.rating = 5 AND p.project_id IN (

        SELECT project_id

        FROM projects

        WHERE status = 'Completed'
```

```
        );
    END
    GO
    drop procedure if exists GetsPaymentsByClientAndCompletedProjects
    -- Procedure 21: GetFreelancersByHighBudgetProjectsInUSA
    CREATE PROCEDURE GetsFreelancersByHighBudgetProjectsInUSA
        @min_budget DECIMAL(10, 2)
    AS
    BEGIN
        SELECT freelancer_id, full_name, email, contact_number, hourly_rate,
    availability_status
        FROM freelancers
        WHERE freelancer_id IN (
            SELECT freelancer_id
            FROM bids
            WHERE project_id IN (
                SELECT project_id
                FROM projects
                WHERE budget > @min_budget
            )
        );
    END
    GO
    drop procedure if exists GetsFreelancersByHighBudgetProjectsInUSA
    -- Procedure 22: GetProjectsByFreelancerIDs
    CREATE PROCEDURE GetsProjectsByFreelancerIDs
        @freelancer_ids  VARCHAR(MAX)
    AS
    BEGIN
            SELECT project_id, client_id, title, description, budget, deadline, status
            FROM projects
            WHERE project_id IN (
```

```sql
            SELECT project_id

            FROM bids

            WHERE freelancer_id =  @freelancer_ids

        );


END

GO

EXEC GetsProjectsByFreelancerIDs 3;

drop procedure if exists GetsProjectsByFreelancerIDs

-- Procedure 23: GetClientsByHighPaymentAmount

CREATE PROCEDURE GetsClientsByHighPaymentAmount

    @min_payment_amount DECIMAL(10, 2)

AS

BEGIN

    SELECT client_id, client_name, email, contact_number, country_name

    FROM Clients

    WHERE client_id IN (

        SELECT client_id

        FROM payments

        WHERE amount >= @min_payment_amount

    );

END

GO

drop procedure if exists GetsClientsByHighPaymentAmount

-- Procedure 24: GetFreelancersByInProgressProjects

CREATE PROCEDURE GetsFreelancersByInProgressProjects

AS

BEGIN

    SELECT freelancer_id, full_name, email, contact_number, hourly_rate,
availability_status

    FROM freelancers

    WHERE freelancer_id IN (
```

```sql
        SELECT DISTINCT freelancer_id

        FROM bids

        WHERE project_id IN (

            SELECT project_id

            FROM projects

            WHERE status <> 'Completed'

        )

    );

END

GO

drop procedure if exists GetsFreelancersByInProgressProjects

-- Procedure 25: GetProjectsByFreelancersFromTurkey

CREATE PROCEDURE GetsProjectsByFreelancersFromTurkey

AS

BEGIN

    SELECT project_id, client_id, title, description, budget, deadline, status

    FROM projects

    WHERE project_id IN (

        SELECT DISTINCT project_id

        FROM bids

        WHERE freelancer_id IN (

            SELECT freelancer_id

            FROM freelancers

            WHERE  freelancers.country_name = 'Turkey'

        )

    );

END

GO

drop procedure if exists GetsProjectsByFreelancersFromTurkey

-- Procedure 26: GetProjectsByClientAndStatus

CREATE PROCEDURE GetsProjectsByClientAndStatus
```

```sql
    @client_id INT,

    @status VARCHAR(50)

AS

BEGIN

    SELECT project_id, client_id, title, description, budget, deadline, status

    FROM projects

    WHERE client_id = @client_id AND status = @status;

END

GO

drop procedure if exists GetsProjectsByClientAndStatus

-- Procedure 27: GetFreelancersBySkillsAndAvailability

CREATE PROCEDURE GetsFreelancersBySkillsAndAvailability

    @availability_status VARCHAR(20)

AS

BEGIN

    SELECT f.freelancer_id, f.full_name, f.email, f.contact_number, f.hourly_rate

    FROM freelancers f

    JOIN freelancer_skills fs ON f.freelancer_id = fs.freelancer_id

    WHERE f.availability_status = @availability_status;

END

GO

drop procedure if exists GetsFreelancersBySkillsAndAvailability

-- Procedure 28: GetProjectsByClientCountryAndBudget

CREATE PROCEDURE GetsProjectsByClientCountryAndBudget

    @country_name VARCHAR(50),

    @min_budget DECIMAL(10, 2)

AS

BEGIN

    SELECT p.project_id, p.client_id, p.title, p.description, p.budget, p.deadline,
p.status

    FROM projects p

    JOIN clients c ON p.client_id = c.client_id
```

```sql
        WHERE c.country_name = @country_name AND p.budget > @min_budget;
END
GO
drop procedure if exists GetsProjectsByClientCountryAndBudget
-- Procedure 29: GetFreelancersByReviewsAndHourlyRate
CREATE PROCEDURE GetsFreelancersByReviewsAndHourlyRate
    @min_rating INT,
    @max_rating INT,
    @min_hourly_rate DECIMAL(10, 2),
    @max_hourly_rate DECIMAL(10, 2)
AS
BEGIN
    SELECT freelancer_id, full_name, email, contact_number, hourly_rate,
availability_status
    FROM freelancers
    WHERE hourly_rate BETWEEN @min_hourly_rate AND @max_hourly_rate
    AND freelancer_id IN (
        SELECT freelancer_id
        FROM reviews
        WHERE rating BETWEEN @min_rating AND @max_rating
    );
END
GO
drop procedure if exists GetsFreelancersByReviewsAndHourlyRate
-- Procedure 33: GetProjectsByStatusAndHourlyRate
CREATE PROCEDURE GetProjectsByStatusAndHourlyRate
    @status VARCHAR(20),
    @min_hourly_rate DECIMAL(10, 2),
    @max_hourly_rate DECIMAL(10, 2)
AS
BEGIN
```

```sql
    SELECT p.project_id, p.client_id, p.title, p.description, p.budget, p.deadline,
p.status

    FROM projects p

    JOIN bids b ON p.project_id = b.project_id

    JOIN freelancers f ON b.freelancer_id = f.freelancer_id

    WHERE p.status = @status AND f.hourly_rate BETWEEN @min_hourly_rate AND
@max_hourly_rate;

END

GO

drop procedure if exists GetProjectsByStatusAndHourlyRate

-- Procedure 41: GetProjectsByFreelancerCountryAndRating

CREATE PROCEDURE GetProjectsByFreelancerCountryAndRating

    @country_name VARCHAR(50),

    @min_rating INT

AS

BEGIN

    SELECT p.project_id, p.client_id, p.title, p.description, p.budget, p.deadline,
p.status

    FROM projects p

    JOIN bids b ON p.project_id = b.project_id

    JOIN freelancers f ON b.freelancer_id = f.freelancer_id

    JOIN reviews r ON b.freelancer_id = r.freelancer_id

    WHERE f.country_name = @country_name AND r.rating IN (@min_rating, @min_rating +
1);

END

GO

drop procedure if exists GetProjectsByFreelancerCountryAndRating

-- Procedure 42: GetFreelancersByCountryAndBudget

CREATE PROCEDURE GetFreelancersByCountryAndBudget

    @country_name VARCHAR(50),

    @min_budget DECIMAL(10, 2),

    @max_budget DECIMAL(10, 2)

AS
```

```
BEGIN

    SELECT f.freelancer_id, f.full_name, f.email, f.contact_number, f.hourly_rate

    FROM freelancers f

    WHERE f.country_name = @country_name AND f.hourly_rate BETWEEN @min_budget AND
@max_budget;

END

GO

drop procedure if exists GetFreelancersByCountryAndBudget

-- Procedure 43: GetProjectsBySkillAndDeadline

CREATE PROCEDURE GetProjectsBySkillAndDeadline

    @skill_id INT,

    @deadline_date DATE

AS

BEGIN

    SELECT p.project_id, p.client_id, p.title, p.description, p.budget, p.deadline,
p.status

    FROM projects p

    JOIN project_skills_required psr ON p.project_id = psr.project_id

    WHERE psr.skill_id = @skill_id AND p.deadline < @deadline_date;

END

GO

drop procedure if exists GetProjectsBySkillAndDeadline

-- Procedure 44: GetFreelancersByAvailabilityAndBudget

CREATE PROCEDURE GetFreelancersByAvailabilityAndBudget

    @availability_status VARCHAR(20),

    @min_budget DECIMAL(10, 2),

    @max_budget DECIMAL(10, 2)

AS

BEGIN

    SELECT f.freelancer_id, f.full_name, f.email, f.contact_number, f.hourly_rate

    FROM freelancers f
```

```
    WHERE f.availability_status = @availability_status AND f.hourly_rate BETWEEN
@min_budget AND @max_budget;

END

GO

drop procedure if exists GetFreelancersByAvailabilityAndBudget

-- Procedure 45: GetProjectsByClientAndHourlyRate

CREATE PROCEDURE GetProjectsByClientAndHourlyRate

    @client_id INT,

    @min_hourly_rate DECIMAL(10, 2),

    @max_hourly_rate DECIMAL(10, 2)

AS

BEGIN

    SELECT p.project_id, p.client_id, p.title, p.description, p.budget, p.deadline,
p.status

    FROM projects p

    JOIN bids b ON p.project_id = b.project_id

    JOIN freelancers f ON b.freelancer_id = f.freelancer_id

    WHERE p.client_id = @client_id AND f.hourly_rate BETWEEN @min_hourly_rate AND
@max_hourly_rate;

END

GO

drop procedure if exists GetProjectsByClientAndHourlyRate


-- Procedure 46: GetFreelancersByBudgetAndAvailability

CREATE PROCEDURE GetFreelancersByBudgetAndAvailability

    @min_budget DECIMAL(10, 2),

    @max_budget DECIMAL(10, 2),

    @availability_status VARCHAR(20)

AS

BEGIN

    SELECT freelancer_id, full_name, email, contact_number, hourly_rate,
availability_status

    FROM freelancers
```

```sql
    WHERE hourly_rate BETWEEN @min_budget AND @max_budget AND availability_status =
@availability_status;

END

GO

drop procedure if exists GetFreelancersByBudgetAndAvailability


-- Procedure 47: GetProjectsByFreelancerSkillsAndStatus

CREATE PROCEDURE GetProjectsByFreelancerSkillsAndStatus

    @freelancer_id INT,

    @status VARCHAR(20)

AS

BEGIN

    SELECT p.project_id, p.client_id, p.title, p.description, p.budget, p.deadline,
p.status

    FROM projects p

    JOIN project_skills_required psr ON p.project_id = psr.project_id

    WHERE psr.skill_id IN (

        SELECT skill_id

        FROM freelancer_skills

        WHERE freelancer_id = @freelancer_id

    )

    AND p.status = @status;

END

GO

drop procedure if exists GetProjectsByFreelancerSkillsAndStatus

-- Procedure 48: GetProjectsByStatusAndClientCountry

CREATE PROCEDURE GetProjectsByStatusAndClientCountry

    @status VARCHAR(20),

    @country_name VARCHAR(50)

AS

BEGIN
```

```sql
    SELECT p.project_id, p.client_id, p.title, p.description, p.budget, p.deadline,
p.status

    FROM projects p

    JOIN clients c ON p.client_id = c.client_id

    WHERE p.status = @status AND c.country_name = @country_name;

END

GO

drop procedure if exists GetProjectsByStatusAndClientCountry
```

EXEC Commands:

```sql
    -- Procedure 1: GetClientsFromMultipleCountries
EXEC GetClientsFromMultipleCountries 'India', 'Turkish';

-- Procedure 2: GetFreelancerByHourlyRate
EXEC GetFreelancerByHourlyRate 50.00, 60.00;
-- Procedure 3: GetProjectByBudgetAndDeadline
EXEC GetProjectByBudgetAndDeadline 5000, '2023-08-15';

-- Procedure 4: GetSkillsForProjects
EXEC GetSkillsForProjects 123;

-- Procedure 5: GetBidsByFreelancerID
EXEC GetBidsByFreelancerID 1;

-- Procedure 6: GetsPaymentsByDateAndAmount
EXEC GetsPaymentsByDateAndAmount '2023-01-01', '2023-06-30', 1000;

-- Procedure 7: GetProjectsAndReviewsByRatings
EXEC GetProjectsAndReviewsByRatings 'In Progress', 4;

-- Procedure 8: GetFreelancersByAvailabilityAndHourlyRates
EXEC GetFreelancersByAvailabilityAndHourlyRates 'Available', 80.00;

-- Procedure 9: GetsProjectsByBudgetAndStatus
EXEC GetsProjectsByBudgetAndStatus 5000, 'In Progress';

-- Procedure 10: GetsSkillsExcludingWebDevelopment
EXEC GetsSkillsExcludingWebDevelopment 3;

-- Procedure 11: GetsBidsForProjectsByBudgetAndDeadline
EXEC GetsBidsForProjectsByBudgetAndDeadline 2000, '2023-09-01';

-- Procedure 12: GetsPaymentsByClientIDOrFreelancerID
EXEC GetsPaymentsByClientIDOrFreelancerID 123, 456;

-- Procedure 13: GetsEarningsByFreelancerRating
EXEC GetsEarningsByFreelancerRating 5;
```

```sql
-- Procedure 14: GetsClientsWithoutProjects
EXEC GetsClientsWithoutProjects;

-- Procedure 15: GetsFreelancersFromUSAWithHourlyRate
EXEC GetsFreelancersFromUSAWithHourlyRate;

-- Procedure 16: GetsProjectsByBidAmount
EXEC GetsProjectsByBidAmount 1000;

-- Procedure 17: GetsSkillsForHighBudgetProjects
EXEC GetsSkillsForHighBudgetProjects 5000;

-- Procedure 18: GetsProjectsByLowReviewRating
EXEC GetsProjectsByLowReviewRating 4;

-- Procedure 19: GetsBidsByFreelancerAndLowBudgetProjects
EXEC GetsBidsByFreelancerAndLowBudgetProjects 456, 2000;

-- Procedure 20: GetsPaymentsByClientAndCompletedProjects
EXEC GetsPaymentsByClientAndCompletedProjects 123;

-- Procedure 21: GetsFreelancersByHighBudgetProjectsInUSA
EXEC GetsFreelancersByHighBudgetProjectsInUSA 5000;

-- Procedure 22: GetsProjectsByFreelancerIDs
EXEC GetsProjectsByFreelancerIDs '1';

-- Procedure 23: GetsClientsByHighPaymentAmount
EXEC GetsClientsByHighPaymentAmount 500;

-- Procedure 24: GetsFreelancersByInProgressProjects
EXEC GetsFreelancersByInProgressProjects;

-- Procedure 25: GetsProjectsByFreelancersFromTurkey
EXEC GetsProjectsByFreelancersFromTurkey;

-- Procedure 26: GetsProjectsByClientAndStatus
EXEC GetsProjectsByClientAndStatus 123, 'In Progress';

-- Procedure 27: GetsFreelancersBySkillsAndAvailability
EXEC GetsFreelancersBySkillsAndAvailability 'Available';

-- Procedure 28: GetsProjectsByClientCountryAndBudget
EXEC GetsProjectsByClientCountryAndBudget 'USA', 5000;

-- Procedure 29: GetsFreelancersByReviewsAndHourlyRate
EXEC GetsFreelancersByReviewsAndHourlyRate 4, 5, 50.00, 60.00;

-- Procedure 33: GetProjectsByStatusAndHourlyRate
EXEC GetProjectsByStatusAndHourlyRate 'In Progress', 40.00, 60.00;

-- Procedure 41: GetProjectsByFreelancerCountryAndRating
EXEC GetProjectsByFreelancerCountryAndRating 'USA', 4;

-- Procedure 42: GetFreelancersByCountryAndBudget
EXEC GetFreelancersByCountryAndBudget 'USA', 40.00, 80.00;

-- Procedure 43: GetProjectsBySkillAndDeadline
```

```sql
EXEC GetProjectsBySkillAndDeadline 5, '2023-09-15';

-- Procedure 44: GetFreelancersByAvailabilityAndBudget
EXEC GetFreelancersByAvailabilityAndBudget 'Available', 40.00, 80.00;

-- Procedure 45: GetProjectsByClientAndHourlyRate
EXEC GetProjectsByClientAndHourlyRate 123, 40.00, 60.00;

-- Procedure 46: GetFreelancersByBudgetAndAvailability
EXEC GetFreelancersByBudgetAndAvailability 40.00, 80.00, 'Available';

-- Procedure 47: GetProjectsByFreelancerSkillsAndStatus
EXEC GetProjectsByFreelancerSkillsAndStatus 456, 'In Progress';

-- Procedure 48: GetProjectsByStatusAndClientCountry
EXEC GetProjectsByStatusAndClientCountry 'In Progress', 'USA';
```

OUTPUTS:

6	Ayse Kaya	ayse.kaya@example.com	555-123-4567	Turkish
7	Emir Yilmaz	emir.yilmaz@example.com	555-987-6543	Turkish
8	Zeynep Öztürk	zeynep.ozturk@example.com	555-456-7890	Turkish
9	Burak Demir	burak.demir@example.com	555-789-1234	Turkish
10	Elif Aksoy	elif.aksoy@example.com	555-234-5678	Turkish

3	Zainab Ali	zainab.ali@example.com	555-456-7890	55.00	Available
8	Amina Hussain	amina.hussain@example.com	555-234-8765	55.00	Available
13	Lucas Allen	lucas.allen@example.com	555-789-0123	50.00	Available
17	Liam Moore	liam.moore@example.com	555-890-1234	50.00	Available

3	Zainab Ali	zainab.ali@example.com	555-456-7890	55.00	Available
8	Amina Hussain	amina.hussain@example.com	555-234-8765	55.00	Available
13	Lucas Allen	lucas.allen@example.com	555-789-0123	50.00	Available
17	Liam Moore	liam.moore@example.com	555-890-1234	50.00	Available

1	1	Web Development	Redesign our company website with a modern and responsive design.	8000.00	2023-04-25	Completed
2	2	Digital Marketing	Plan and execute a product launch event for our new product line.	12000.00	2023-06-01	Pending Approval
3	3	Data Analysis	Conduct a comprehensive financial analysis of our company.	5000.00	2023-06-15	Completed
4	13	Mobile App Development	Develop a mobile app for our customers with advanced features.	10000.00	2023-05-31	Pending Approval
5	10	Social Media Management	Create and manage a social media campaign to increase brand visibility.	6600.00	2023-08-05	In Progress
9	20	Data Analysis	Create interactive data visualizations for our sales and marketing reports.	6600.00	2023-07-15	In Progress

project_id	skill_id	skill_name

bid_id	project_id	freelancer_id	amount	proposal
15	9	1	5700.00	I have extensive experience in data anaysis and can create interactive visualization for sales and marketign reports.

payment_id	project_id	client_id	freelancer_id	amount	payment_date
2	2	2	13	8000.00	2023-06-01
3	3	3	17	4700.00	2023-06-15

project_id	client_id	title	status	rating	review_text
9	20	Data Analysis	In Progress	5	Liam Morre data analysis skills were crucial for our project success.

freelancer_id	full_name	email	contact_number	hourly_rate	availability_status
3	Zainab Ali	zainab.ali@example.com	555-456-7890	55.00	Available
8	Amina Hussain	amina.hussain@example.com	555-234-8765	55.00	Available
13	Lucas Allen	lucas.allen@example.com	555-789-0123	50.00	Available
17	Liam Moore	liam.moore@example.com	555-890-1234	50.00	Available

project_id	client_id	title	description	budget	deadline	status

skill_id	skill_name
1	Web Development
2	Advanced Graphic Design
4	Content Writing
5	Software Engineering
7	Mobile App Development
8	Digital Marketing
9	Video Editing
10	Social Media Management

bid_id	project_id	freelancer_id	amount	proposal
2	2	13	10000.00	With my expertise in digital marketing, I can promote your product launch event to reach a wider audience.
4	4	3	9500.00	I have significant experience in mobile app development and can create a robust and user-friendly app for your business.
5	5	5	5500.00	I am well-versed in social media marketing and can manage a successful campaign to boost your brand presence.
9	9	17	5800.00	Im an expert in data analysis and I can create ineractive data visualization for your sales and marketing reports.
12	2	20	11000.00	I can skillfully promote your product launch event, ensuring it captivates a vast audience and gains widespread exposure.
14	5	18	5700.00	I am well-versed in social media marketing and can manage a

				successful campaign to boost your brand presence.
15	9	1	5700.00	I have extensive experience in data anaysis and can create interactive visualization for sales and marketign reports.
16	10	19	2400.00	I specialize in content writing and can create persuasive copy for our advertising and promotional materials
17	8	19	2800.00	With my expertise in content marketing, I can develop a compelling strategy to attract and retain customers.
18	4	21	9000.00	I have experience in mobile app development and can conduct thorough testing to ensure the quality of your app.
19	8	2	2900.00	With my expertise in content writng, I can develop a compelling strategy to attract and retain customers.

payment_id	project_id	client_id	freelancer_id	amount	payment_date

earning_id	freelancer_id	project_id	amount	earning_date
1	8	1	7700.00	2023-04-25
4	3	4	9500.00	2023-08-31
9	17	9	5800.00	2023-07-15

client_id	client_name	email	contact_number	country_name
4	Deepika Gupta	deepika.gupta@example.com	555-789-1234	Indian
5	Arjun Singh	arjun.singh@example.com	555-234-5678	Indian
6	Ayse Kaya	ayse.kaya@example.com	555-123-4567	Turkish
7	Emir Yilmaz	emir.yilmaz@example.com	555-987-6543	Turkish
8	Zeynep Öztürk	zeynep.ozturk@example.com	555-456-7890	Turkish
9	Burak Demir	burak.demir@example.com	555-789-1234	Turkish
11	Sanjeewa Perera	sanjeewa.perera@example.com	555-123-4567	Sri Lankan
12	Malini Fernando	malini.fernando@example.com	555-987-6543	Sri Lankan
14	Tharanga Bandara	tharanga.bandara@example.com	555-789-1234	Sri Lankan
16	Michael Johnson	michael.johnson@example.com	555-123-4567	USA
17	Jennifer Smith	jennifer.smith@example.com	555-987-6543	USA

freelancer_id	full_name	email	contact_number	hourly_rate	availability_status
3	Zainab Ali	zainab.ali@example.com	555-456-7890	55.00	Available
8	Amina Hussain	amina.hussain@example.com	555-234-8765	55.00	Available
13	Lucas Allen	lucas.allen@example.com	555-789-0123	50.00	Available
17	Liam Moore	liam.moore@example.com	555-890-1234	50.00	Available

project_id	client_id	title	description	budget	deadline	status
2	2	Digital Marketing	Plan and execute a product launch event for our new product line.	12000.00	2023-06-01	Pending Approval
4	13	Mobile App Development	Develop a mobile app for our customers with advanced features.	10000.00	2023-05-31	Pending Approval
5	10	Social Media Management	Create and manage a social media campaign to increase brand visibility.	6600.00	2023-08-05	In Progress
8	18	Content Writing	Create engaging and informative content for our blog and social media channels.	3300.00	2023-08-10	In Progress
9	20	Data Analysis	Create interactive data visualizations for our sales and marketing reports.	6600.00	2023-07-15	In Progress
10	15	Content Writing	Write persuasive copy for our advertising and promotional materials.	2500.00	2023-08-20	Open

skill_id	skill_name
1	Web Development
3	Data Analysis
7	Mobile App Development
8	Digital Marketing
10	Social Media Management

project_id	client_id	title	description	budget	deadline	status
6	19	Graphic Design	Design a new logo for our brand to give it a fresh look.	2000.00	2023-04-15	Completed

freelancer_id	full_name	email	contact_number	hourly_rate	availability_status
3	Zainab Ali	zainab.ali@example.com	555-456-7890	55.00	Available
13	Lucas Allen	lucas.allen@example.com	555-789-0123	50.00	Available
17	Liam Moore	liam.moore@example.com	555-890-1234	50.00	Available

project_id	client_id	title	description	budget	deadline	status
9	20	Data Analysis	Create interactive data visualizations for our sales and marketing reports.	6600.00	2023-07-15	In Progress

client_id	client_name	email	contact_number	country_name
2	Nisha Patel	nisha.patel@example.com	555-987-6543	Indian
3	Ravi Kumar	ravi.kumar@example.com	555-456-7890	Indian
20	Christopher Wilson	christopher.wilson@example.com	555-234-5678	USA

freelancer_id	full_name	email	contact_number	hourly_rate	availability_status
3	Zainab Ali	zainab.ali@example.com	555-456-7890	55.00	Available
13	Lucas Allen	lucas.allen@example.com	555-789-0123	50.00	Available
17	Liam Moore	liam.moore@example.com	555-890-1234	50.00	Available

project_id	client_id	title	description	budget	deadline	status
2	2	Digital Marketing	Plan and execute a product launch event for our new product line.	12000.00	2023-06-01	Pending Approval
4	13	Mobile App Development	Develop a mobile app for our customers with advanced features.	10000.00	2023-05-31	Pending Approval
9	20	Data Analysis	Create interactive data visualizations for our sales and marketing reports.	6600.00	2023-07-15	In Progress

freelancer_id	full_name	email	contact_number	hourly_rate
3	Zainab Ali	zainab.ali@example.com	555-456-7890	55.00
3	Zainab Ali	zainab.ali@example.com	555-456-7890	55.00
8	Amina Hussain	amina.hussain@example.com	555-234-8765	55.00
8	Amina Hussain	amina.hussain@example.com	555-234-8765	55.00
13	Lucas Allen	lucas.allen@example.com	555-789-0123	50.00
13	Lucas Allen	lucas.allen@example.com	555-789-0123	50.00
17	Liam Moore	liam.moore@example.com	555-890-1234	50.00
17	Liam Moore	liam.moore@example.com	555-890-1234	50.00

project_id	client_id	title	description	budget	deadline	status
9	20	Data Analysis	Create interactive data visualizations for our sales and marketing reports.	6600.00	2023-07-15	In Progress

freelancer_id	full_name	email	contact_number	hourly_rate	availability_status
3	Zainab Ali	zainab.ali@example.com	555-456-7890	55.00	Available
8	Amina Hussain	amina.hussain@example.com	555-234-8765	55.00	Available
13	Lucas Allen	lucas.allen@example.com	555-789-0123	50.00	Available

| 17 | Liam Moore | liam.moore@example.com | 555-890-1234 | 50.00 | Available |

project_id	client_id	title	description	budget	deadline	status
9	20	Data Analysis	Create interactive data visualizations for our sales and marketing reports.	6600.00	2023-07-15	In Progress

project_id	client_id	title	description	budget	deadline	status
2	2	Digital Marketing	Plan and execute a product launch event for our new product line.	12000.00	2023-06-01	Pending Approval

freelancer_id	full_name	email	contact_number	hourly_rate
13	Lucas Allen	lucas.allen@example.com	555-789-0123	50.00

freelancer_id	full_name	email	contact_number	hourly_rate
3	Zainab Ali	zainab.ali@example.com	555-456-7890	55.00
8	Amina Hussain	amina.hussain@example.com	555-234-8765	55.00
13	Lucas Allen	lucas.allen@example.com	555-789-0123	50.00
17	Liam Moore	liam.moore@example.com	555-890-1234	50.00

freelancer_id	full_name	email	contact_number	hourly_rate	availability_status
3	Zainab Ali	zainab.ali@example.com	555-456-7890	55.00	Available
8	Amina Hussain	amina.hussain@example.com	555-234-8765	55.00	Available
13	Lucas Allen	lucas.allen@example.com	555-789-0123	50.00	Available
17	Liam Moore	liam.moore@example.com	555-890-1234	50.00	Available

project_id	client_id	title	description	budget	deadline	status
8	18	Content Writing	Create engaging and informative content for our blog and social media channels.	3300.00	2023-08-10	In Progress
9	20	Data Analysis	Create interactive data visualizations for our sales and marketing reports.	6600.00	2023-07-15	In Progress