

Database: curriculum_vitae_db

Tables and Their Fields:

1. BioData

- **Fields:**
 - Fname (VARCHAR(100)): First Name of the user.
 - Lname (VARCHAR(100)): Last Name of the user.
 - Address (TEXT): Address of the user.
 - Email (VARCHAR(100)): Email address of the user (Primary Key).
 - LinkedInHandle (VARCHAR(255)): LinkedIn profile URL of the user.

2. MobileNumbers

- **Fields:**
 - Number (VARCHAR(15)): Mobile number (Primary Key).
 - OwnerEmail (VARCHAR(100)): The email of the user who owns the mobile number (Foreign Key referencing BioData).

3. Skills

- **Fields:**
 - Skill (VARCHAR(100)): Skill of the user.
 - OwnerEmail (VARCHAR(100)): The email of the user (Foreign Key referencing BioData).

4. Experience

- **Fields:**
 - ExperienceID (INT, AUTO_INCREMENT): Unique ID for each experience (Primary Key).
 - Title (VARCHAR(255)): Job title.
 - CompanyName (VARCHAR(255)): Name of the company.
 - StartDate (DATE): Start date of the experience.
 - EndDate (DATE): End date of the experience.
 - OwnerEmail (VARCHAR(100)): Email of the user (Foreign Key referencing BioData).

5. ExperienceDescriptions

- **Fields:**

- ExperienceID (INT): References Experience (Foreign Key).
- Description (TEXT): Description of the experience.

6. Projects

- **Fields:**

- ProjectID (INT, AUTO_INCREMENT): Unique identifier for each project (Primary Key).
- Title (VARCHAR(255)): Project title.
- StartDate (DATE): Start date of the project.
- EndDate (DATE): End date of the project.
- OwnerEmail (VARCHAR(100)): Email of the user (Foreign Key referencing BioData).

7. ProjectsDescriptions

- **Fields:**

- ProjectID (INT): References Projects (Foreign Key).
- Description (TEXT): Description of the project.

8. Responsibilities

- **Fields:**

- ResponsibilityID (INT, AUTO_INCREMENT): Unique ID for each responsibility (Primary Key).
- Title (VARCHAR(255)): Title of the responsibility.
- Organization (VARCHAR(255)): Name of the organization.
- StartDate (DATE): Start date of the responsibility.
- EndDate (DATE): End date of the responsibility.
- OwnerEmail (VARCHAR(100)): Email of the user (Foreign Key referencing BioData).

9. ResponsibilitiesDescriptions

- **Fields:**

- ResponsibilityID (INT): References Responsibilities (Foreign Key).
- Description (TEXT): Description of the responsibility.

10. Certifications

- **Fields:**

- Title (VARCHAR(255)): Certification title.
- IssuingBody (VARCHAR(255)): The entity that issued the certification.
- Description (TEXT): Description of the certification.
- ReceiptDay (DATE): Date of certification receipt.
- ExpiryDay (DATE): Expiry date of the certification.
- OwnerEmail (VARCHAR(100)): Email of the user (Foreign Key referencing BioData).

11. Education

- **Fields:**

- InstitutionName (VARCHAR(255)): Name of the institution.
- TypeOfInstitution (VARCHAR(100)): Type of the institution.
- CGPA (DECIMAL(3,2)): CGPA.
- Degree (VARCHAR(100)): Degree obtained.
- StartYear (INT): Start year of education.
- EndYear (INT): End year of education.
- OwnerEmail (VARCHAR(100)): Email of the user (Foreign Key referencing BioData).

Procedures:

BioData Procedures:

1. InsertBioData

- Inserts a new record into the BioData table.

2. SelectBioData

- Retrieves the BioData record based on the provided email.

3. UpdateBioData

- Updates the BioData record for a user identified by email.

4. DeleteBioData

- Deletes a BioData record based on the email.

MobileNumbers Procedures:

1. InsertMobileNumber

- Inserts a new mobile number for a user.

2. SelectMobileNumbers

- Retrieves all mobile numbers associated with a given email.

3. UpdateMobileNumber

- Updates a mobile number for a user identified by email.

4. DeleteMobileNumber

- Deletes a mobile number based on the provided number.

Skills Procedures:

1. InsertSkill

- Inserts a new skill for a user.

2. SelectSkills

- Retrieves all skills associated with a given email.

3. UpdateSkill

- Updates a skill for a user identified by email.

4. DeleteSkill

- Deletes a skill for a user identified by email.

Experience Procedures:

1. InsertExperience

- Inserts a new experience for a user.

2. SelectExperience

- Retrieves all experiences associated with a given email.

3. UpdateExperience

- Updates an existing experience for a user identified by ExperienceID.

4. DeleteExperience

- Deletes an experience based on ExperienceID.

ExperienceDescriptions Procedures:

1. InsertExperienceDescription

- Inserts a description for an experience.

2. SelectExperienceDescription

- Retrieves the description for a given experience.

3. UpdateExperienceDescription

- Updates the description of an experience identified by ExperienceID.

4. DeleteExperienceDescription

- Deletes the description of an experience.

Projects Procedures:

1. InsertProject

- Inserts a new project for a user.

2. SelectProjects

- Retrieves all projects associated with a given email.

3. UpdateProject

- Updates an existing project for a user identified by ProjectID.

4. DeleteProject

- Deletes a project based on ProjectID.

ProjectsDescriptions Procedures:

1. InsertProjectDescription

- Inserts a description for a project.

2. SelectProjectDescription

- Retrieves the description for a given project.

3. UpdateProjectDescription

- Updates the description of a project identified by ProjectID.

4. DeleteProjectDescription

- Deletes the description of a project.

Responsibilities Procedures:

1. InsertResponsibility

- Inserts a new responsibility for a user.

2. SelectResponsibilities

- Retrieves all responsibilities associated with a given email.

3. UpdateResponsibility

- Updates an existing responsibility for a user identified by ResponsibilityID.

4. DeleteResponsibility

- Deletes a responsibility based on ResponsibilityID.

ResponsibilitiesDescriptions Procedures:

1. InsertResponsibilityDescription

- Inserts a description for a responsibility.

2. SelectResponsibilityDescription

- Retrieves the description for a given responsibility.

3. UpdateResponsibilityDescription

- Updates the description of a responsibility identified by ResponsibilityID.

4. DeleteResponsibilityDescription

- Deletes the description of a responsibility.

Certifications Procedures:

1. InsertCertification

- Inserts a new certification for a user.

2. SelectCertification

- Retrieves all certifications associated with a given email.

3. UpdateCertification

- Updates a certification for a user identified by title and issuing body.

4. DeleteCertification

- Deletes a certification based on title, issuing body, receipt day, and expiry day.

Education Procedures:

1. InsertEducation

- Inserts a new education record for a user.

2. SelectEducation

- Retrieves education records for a user based on email.

3. UpdateEducation

- Updates an education record for a user.

4. DeleteEducation

- Deletes an education record for a user.