ProFolio

Where you let your work shine and watch opportunities follow

Member	Role
Ofracio, Aran Joshua P.	Project Manager
Dolon, Ella Mae R.	Frontend Developer
Lumayad, Victor Ronel P.	Backend Developer
Dela Cruz, Paulina C.	Database Manager
Odoño, Alona P.	GitHub Manager
Noble, Noelissa S.	Documentation Officer

BSIT 2A
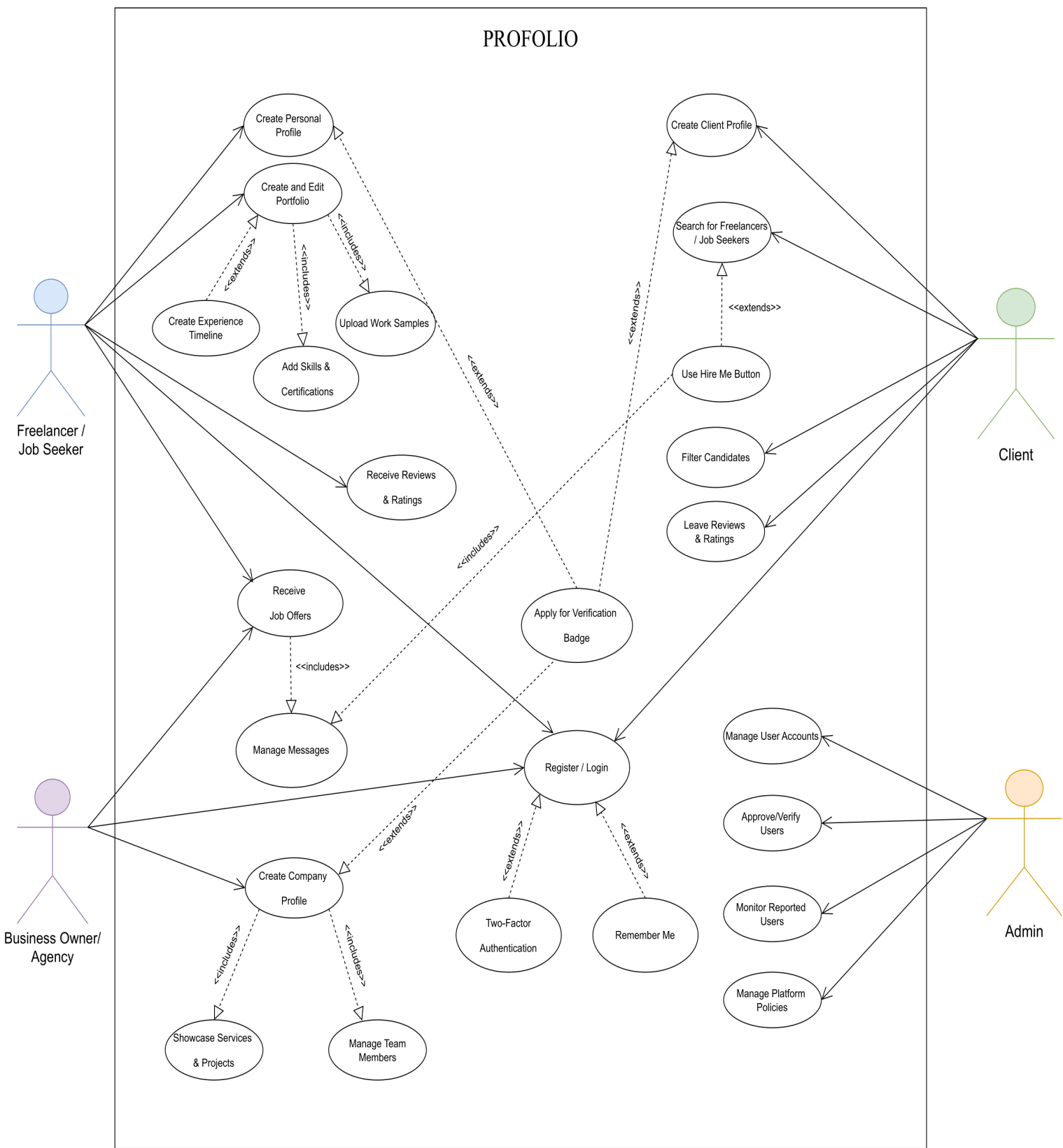
Dr. Guillermo V. Red, Jr.

Course Professor

April 3, 2025

Final Project Proposal

- **Title:** ProFolio

- **Introduction**
  - A professional portfolio site that lets your work speak for itself, turning your skills and experience into new opportunities.

- **System Purpose**
  - ProFolio lets users build structured portfolios showcasing their expertise, past work, and credentials. Profiles highlight whether they are freelancers, business owners, or employees, along with their services and experience. The platform makes it easy for clients to find, evaluate, and connect with the right talent.

- **Target Users**
  - **Freelancers –** ProFolio gives independent professionals a structured way to present their work. They can upload past projects, list skills, and add testimonials so clients can easily assess their expertise.
  - **Job Seekers –** Instead of just listing job titles, ProFolio lets them showcase real work, certifications, and career progress in a clear timeline.
  - **Business Owners and Agencies –** Companies can create dedicated pages to showcase their services, past projects, and key team members. This helps potential clients see what your business offers and makes it easier to attract new partnerships.
  - **Clients and Recruiters –** Search filters help narrow down candidates based on skills, location, and job type. The client verification badge adds an extra layer of trust, making it easier to connect with serious professionals.

- **Key Features (3–5 minimum)**
  - **Portfolio Showcase –** Upload work samples like designs, articles, case studies, or coding projects. Your portfolio gives potential clients and employers a clear view of your skills and experience, making it easier for them to assess your fit for a job or project.
  - **Skills and Certifications –** Highlight your expertise by adding verified skills and industry-recognized certifications. These appear on your profile and in search results, helping you stand out to recruiters and clients looking for specific qualifications.
  - **Experience Timeline –** Display past roles, freelance projects, and career milestones in a structured format. Instead of a plain list of jobs, this feature lets you present your work history in a way that's easy to navigate and understand.
  - **Hire Me Button –** A one-click feature that allows clients to express interest in hiring a candidate by sending a direct notification. This opens the door for discussions before finalizing the hiring process, making it easier to connect and negotiate.
  - **Reviews and Ratings –** Collect feedback from past clients, employers, or collaborators. Positive reviews help build trust and credibility, giving potential clients confidence in your skills and professionalism.
  - **Client Verification Badge –** A system that marks verified clients, reducing the risk of scams or sketchy clients. This feature helps freelancers and job seekers connect with serious employers.
  - **Advanced Job Filters –** Narrow down talent searches based on salary, industry, required skills, experience level, and location. This saves time by showing only the most relevant opportunities.
  - **Team and Company Pages –** Businesses, agencies, and teams can create profiles to showcase their work, services, and key members. This helps attract potential clients or partners who want to see a company's track record before reaching out.

Use Case Diagram

The design of our ProFolio platform uses a diamond-shaped layout to clearly distinguish four different user roles, all while keeping a centralized authentication system. Freelancers and clients are placed on opposite sides, highlighting their complementary roles in the talent marketplace. Business agencies and administrators are positioned in the other corners to manage organizational and governance tasks. Each role has specific features tailored to their needs—freelancers showcase their credentials and work, clients focus on discovery and hiring, agencies manage teams and services, and admins oversee the platform. The login/register function is centrally placed to show that authentication is the key to accessing the platform. Communication features like messaging, along with trust mechanisms such as reviews and verification badges, support the platform's core goal: connecting talent with opportunity in a secure, well-regulated environment.

Entity-Relationship Diagram (ERD)

User

_id 🔑	ObjectId
name	String
email	String
password	String
user_type	Enum(Freelancer,Client,Employer)
profile	JSON
is_verified	Boolean
created_at	Date

Company

_id 🔑	ObjectId
employer_id	ObjectId
name	String
industry	String
location	String
website	String
logo	String

Message

_id 🔑	ObjectId
sender_id	ObjectId
receiver_id	ObjectId
message	Text
sent_at	Date

UserTag

user_id	ObjectId
tag_id	ObjectId
primary	key(user_id,tag_id)

Tag

_id 🔑	ObjectId
name	String

HiringRequest

_id 🔑	ObjectId
job_id	ObjectId
freelancer_id	ObjectId
client_id	ObjectId
status	Enum(Pending,Accepted,Rejected)
message	Text
sent_at	Date

UserReview

reviewer_id	ObjectId
reviewed_id	ObjectId
review_id	ObjectId
primary	key(reviewer_id,reviewed_id,review_id)

Review

_id 🔑	ObjectId
client_id	ObjectId
freelancer_id	ObjectId
rating	Number
comment	Text
created_at	Date

UserSkill

user_id	ObjectId
skill_id	ObjectId
primary	key(user_id,skill_id)

Skill

_id 🔑	ObjectId
name	String

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.
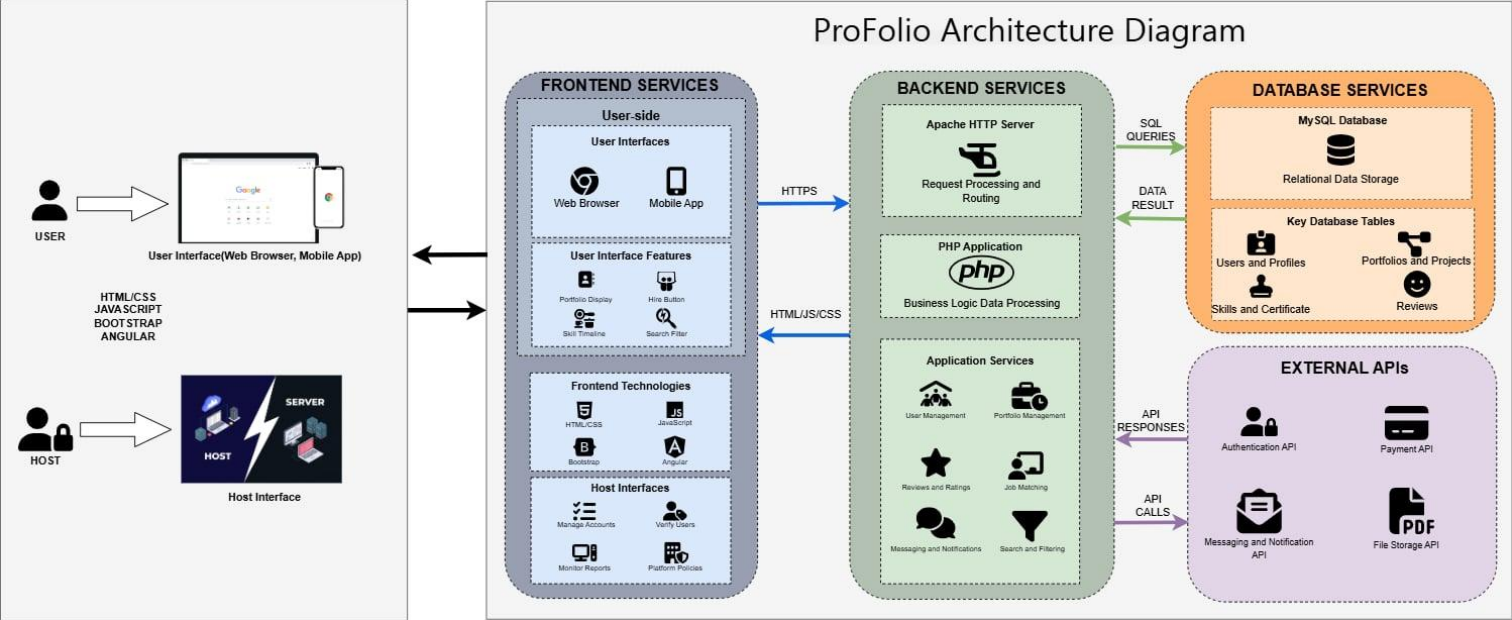- A skill can belong to multiple users.

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.

Architecture Diagram

Our ProFolio Architecture Diagram shows a robust three-tier system built for a skill showcase and work opportunity center. The platform is divided into:

1. Frontend Services: Offers web and mobile interfaces with portfolio display and job search features, using common web technologies (HTML/CSS/JS). Includes separate dashboards for regular users and admins.

2. Backend Services: Runs on Apache with PHP handling business logic. Manages core functions like user accounts, portfolios, reviews, job matching, and messaging.

3. Database Services: Uses MySQL to store user profiles, portfolios, skills, and reviews in a relational structure.

4. External APIs: Integrates third-party services for authentication, payments, messaging, and file storage.

This design separates concerns effectively, making the platform both user-friendly and administratively manageable, while allowing for scalability and feature expansion.

GitHub Repository URL

https://github.com/Loona0121/final-project-ProFolio

Screenshot of Repo Structure

```
C:\Users\windows-10 PC\Desktop>cd final-project-ProFolio

C:\Users\windows-10 PC\Desktop\final-project-ProFolio>git remote -v
origin  https://github.com/Loona0121/final-project-ProFolio (fetch)
origin  https://github.com/Loona0121/final-project-ProFolio (push)

C:\Users\windows-10 PC\Desktop\final-project-ProFolio>tree /f /a
Folder PATH listing
Volume serial number is 328E-5A10
C:.
|   README.md
|
+---backend
|       .gitkeep
|
+---database
|       .gitkeep
|
+---docs
|   \---planning
|           Phase-1_Architecture-Diagram_ProFolio.pdf
|           Phase-1_ERD_ProFolio.pdf
|           Phase-1_Project-Proposal_ProFolio.pdf
|           Phase-1_Use-Case-Diagram_ProFolio.pdf
|
\---frontend
        .gitkeep
```