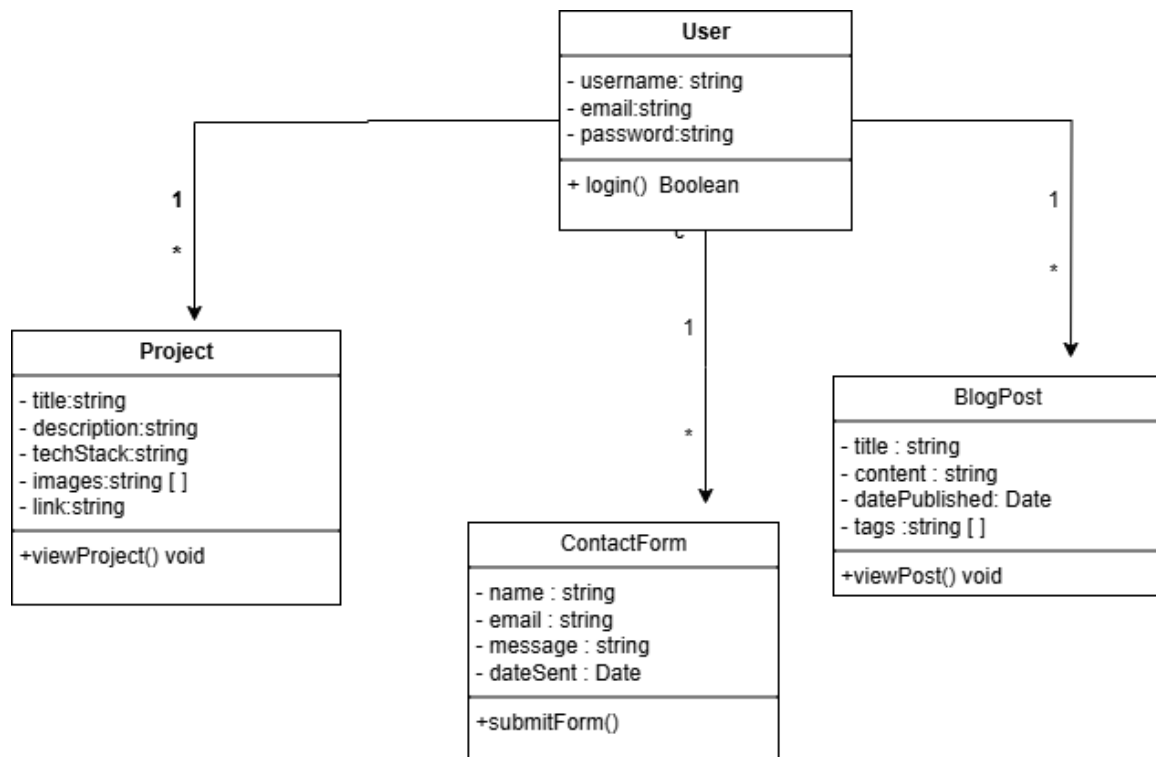
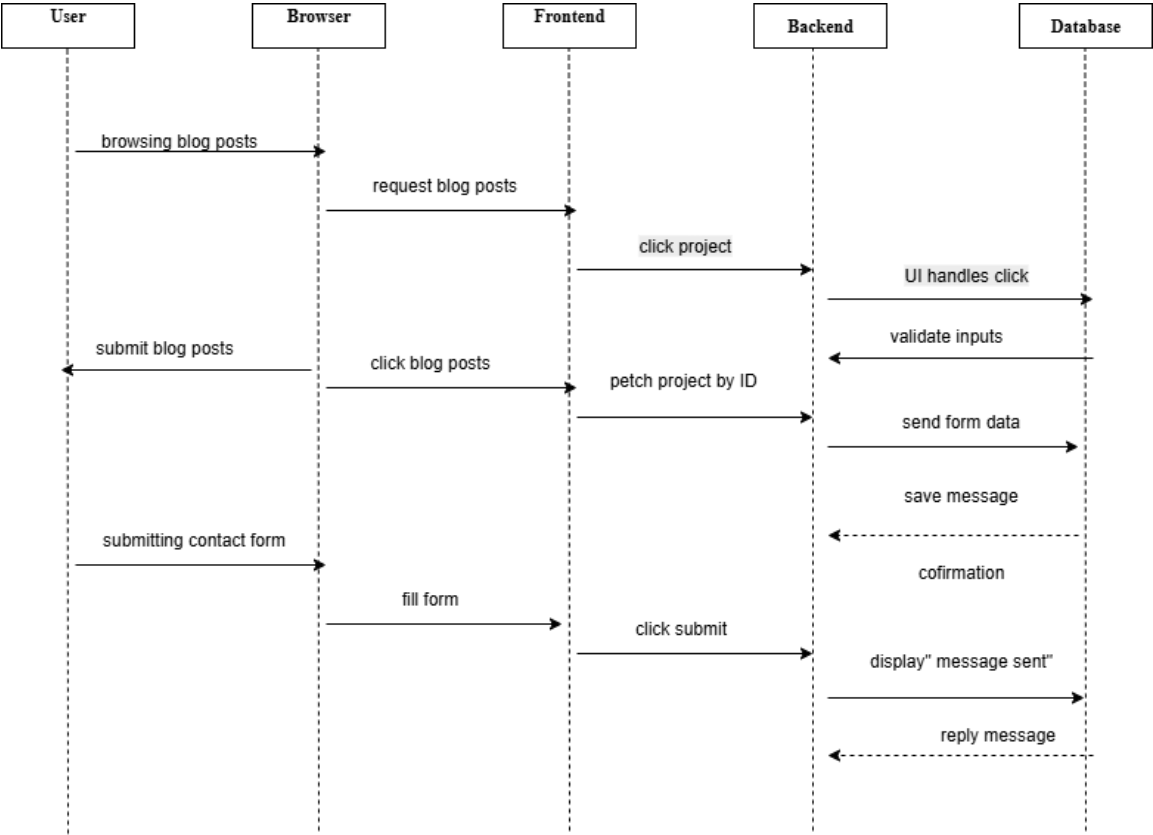


## Class Diagram



Sequence Diagram



## SDLC Phases for Portfolio Website

### 1. Planning

- **Goal:** Define the purpose of the portfolio website.
  - **Actions:**
    - Identify the main features: homepage, projects, blog, contact form.
    - Determine the target audience (employers, clients, etc.).
    - Choose the tech stack (HTML, CSS, JavaScript, maybe a backend like Node.js or PHP).
- 

### 2. Design

- **Goal:** Create the layout and architecture.
  - **Actions:**
    - Draw **wireframes** and **UI mockups** (using tools like Figma or draw.io).
    - Design diagrams like the **Class Diagram** and **Sequence Diagram**.
    - Plan the site structure: navigation menu, pages, sections.
- 

### 3. Development

- **Goal:** Build the actual website.
  - **Actions:**
    - Code the frontend using HTML, CSS, and JavaScript.
    - Implement components: blog posts, contact form, project showcase.
    - Add animations or interactivity as needed.
- 

### 4. Testing

- **Goal:** Make sure everything works well.

- **Actions:**

- Test all features: links, form submissions, blog loading.
- Use different browsers and screen sizes to check responsiveness.
- Fix bugs and improve performance.

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## 5. Maintenance

- **Goal:** Keep the website updated.

- **Actions:**

- Regularly update project content and blog posts.
- Fix any future bugs or broken links.
- Add new features based on feedback or personal growth.

Mostafa El Sayed

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