

Non-functional Requirements

Security:

- Ensure that user input such as comments and messages is sanitized to prevent XSS, SQL-injection and other common vulnerabilities.
- Passwords must be stored using a secure hash algorithm such as SHA-256.
- Implement multi-factor authentication.

Performance:

- Ensure that loading a user profile takes less than 4 seconds when used by 100 users.

Usability:

- Implement user-friendly interfaces based on industry best practices and common UI patterns.

Compatibility:

- Support common photo file formats such as JPEG and PNG.