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 mult-factor authentication.

Performance:

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

Usability:

- At least 95% of users should be able to create a profile without requiring external help.

Compatibility:

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

- Ensure that the application runs on modern browsers such as Chrome, Firefox, Opera and Edge.

- The website should be usable on phones and tablets.