

Non-Functional Requirements

Scalability:

- The performance of a website should not degrade if the number of users increases.

Performance:

- The system should be able to handle multiple users simultaneously and efficiently, and for that server should have large bandwidth to handle the tasks.
- Response time for user's requests must be as short as possible
- The system server should have strong internet connectivity for 24 * 7, which is also affected by the server side's bandwidth.

Operating Environment :

- A modern web browser such as Chrome, Firefox, Safari, Edge, and Mobile browsers like Chrome(android), Safari(iOS), Samsung Browser, Opera etc.
- Users must have an active internet connection to access the website.

Privacy & Security:

- Any credentials should not be stored in plain text, hashing algorithms must be implemented for security.
- Users will not be able to see other users data which he or she selected not to share with others.
- Users can enable Two Factor authentication to secure their account.
- Users can decide what others can see on their profile.
- The website must have SSL certification to provide secured webpages.

Accessibility:

- The web interface should be user-friendly and interactive.
- Searching recipes should be easy and should have fast responses.

Reliability:

- Search, and Filtered data should be more accurate to make it easier for the user to find desired recipes.

Privileges:

- Any registered user can upload a recipe and save a recipe or follow other users.
- Non registered users can access recipes but cannot upload/like/save recipes.