

Functional System Requirements

Sign Up and Login Operations

- User can sign up to the Freecycle application using his/hers name, e-mail and password.
- User will receive an e-mail to confirm their membership.
- User can login with their provided e-mail and password while signing up.
 - If user forgets his/hers password, they can change it.

Exchange Operations

- Signed in users can access to the listings(offers/demand) based on their city
 - Users can search for goods via using the search bar or in the categorized section.
 - Users can use the filters provided in the app to get better results. Such as; distance, time etc.
- Volunteers can offer unused goods to the application with some pictures and information.
- Needers can demand for a required good with some pictures and information.

- Needers and volunteers can message each other for exchange purposes.
- Users can report inappropriate profiles and listings.
- Users can rate and review each other after the Exchange.
- Needers can be Volunteers and vice versa.
- Admin can ban inappropriate profiles and listings.

Profile Operations

- Users can provide short information about themselves in their profile.
- Users can add a profile picture and change it afterwards.
- Users can logout in the profile page.

Non-Functional System Requirements

- When users message each other, there will be a character limitation for each message.
- Each user's personal information should be private and secure.
- There will be only one account for each e-mail.
- Server should not use too much resource due to low budget.