# Requirement Analysis – SocialX

## Functional Requirements

* User registration/login/logout
* Profile view and edit
* Create/edit/delete posts
* Like and comment on posts
* Real-time chat system
* Notification system

## Non-Functional Requirements

* Scalable architecture
* Secure authentication (JWT)
* Fast API response (<300ms)
* Responsive design
* High availability and fault tolerance

## Stakeholders

* End Users (Students, Developers)
* Admin/Moderators
* Developers/Maintainers