# Architectural scope

# Architectural Responsibilities Brainstorming

* Platform independent
  + The system should be integrable and accessible not only on desktop/laptop computer but also on any mobile device.
* Distributed databases
  + Each institute should maintain its own database.
  + In that way the database administrator would manage the data easily.

* Security
  + Confidentiality
    - Encrypt any sensitive data on request.
  + Authentication
    - Hide sensitive variable data on URL (i.e. POST).
    - Secure client-server communication.
  + Authorization
    - It should be granted by the system instead of the System Administrator to avoid security from being compromised.
  + Non-repudiation
    - On post the system should flag any suspicions of repudiation.
* Backup
  + The system should run on multiple servers.
  + The system should have an automated database backup.
  + The system should have alternative platforms(i.e. smart phones, tablets, etc.).

* Store uploaded content (i.e. docs, images)
  + If a user wants to upload an article or images responding to a specific post it should be possible.