

# Requirements

- Identify the full system requirements.
  - Prioritize and divide them into smaller, manageable modules.

- Design the system architecture for the overall application.
  - Create module-level designs for each increment.

- Develop the software in parts (increments).
  - Begin with the most important or foundational features.

- Test each increment individually (unit testing).
  - Perform integration testing with previously completed increments.

- Integrate each new increment into the existing system.
  - Deliver updated versions to users after every increment.

- Fix bugs identified after deployment.
  - Add improvements based on user feedback and evolving needs.