Core Process 1 - Pre project activities

- Identify the problem and obtain approval.
- System vision document.
- ID the problem
- Quantify project approval factors
- Perform risk and feasibility analysis
- Review with client and obtain approval

Core Process 2 - Plan and Monitor Activities

- Plan and monitor the project
- Establish the project environment
- Schedule the work
- Staff and allocate resources
- Evaluate work processes
- Monitor progress and make corrections

Core Process 3 - Analysis Activities

- Discover and understand details
- Gather detailed information
- Define requirements
- Prioritize requirements
- Develop user interface dialogs
- Evaluate requirements with users

Core Process 4 - Design activities

- Design system components
- Design:
  - The environment
  - App architecture and software
  - User interfaces
  - System interfaces
  - The database
  - System controls and security

Core Process 5: Implementation activities

- Build, test, and integrate system components.
  - Program the software
  - Unit test the software
  - Identify and build test cases
  - Integrate and test components

The process is iterative, cyclical.

Core Process 6: Deployment activities

- Complete system tests and deploy solution.
  - Perform system and stress tests
  - Perform user acceptance tests
  - Convert existing data
  - Build training materials and conduct training
  - Configure and set up production environment
  - Deploy the solution