SNS COLLEGE OF ENGINEERING

Kurumbapalayam(Po), Coimbatore – 641 107
Accredited by NAAC-UGC with 'A' Grade
Approved by AICTE, Recognized by UGC & Affiliated to Anna University, Chennai

Department of Information Technology

Course Name – IT8075 Software Project Management

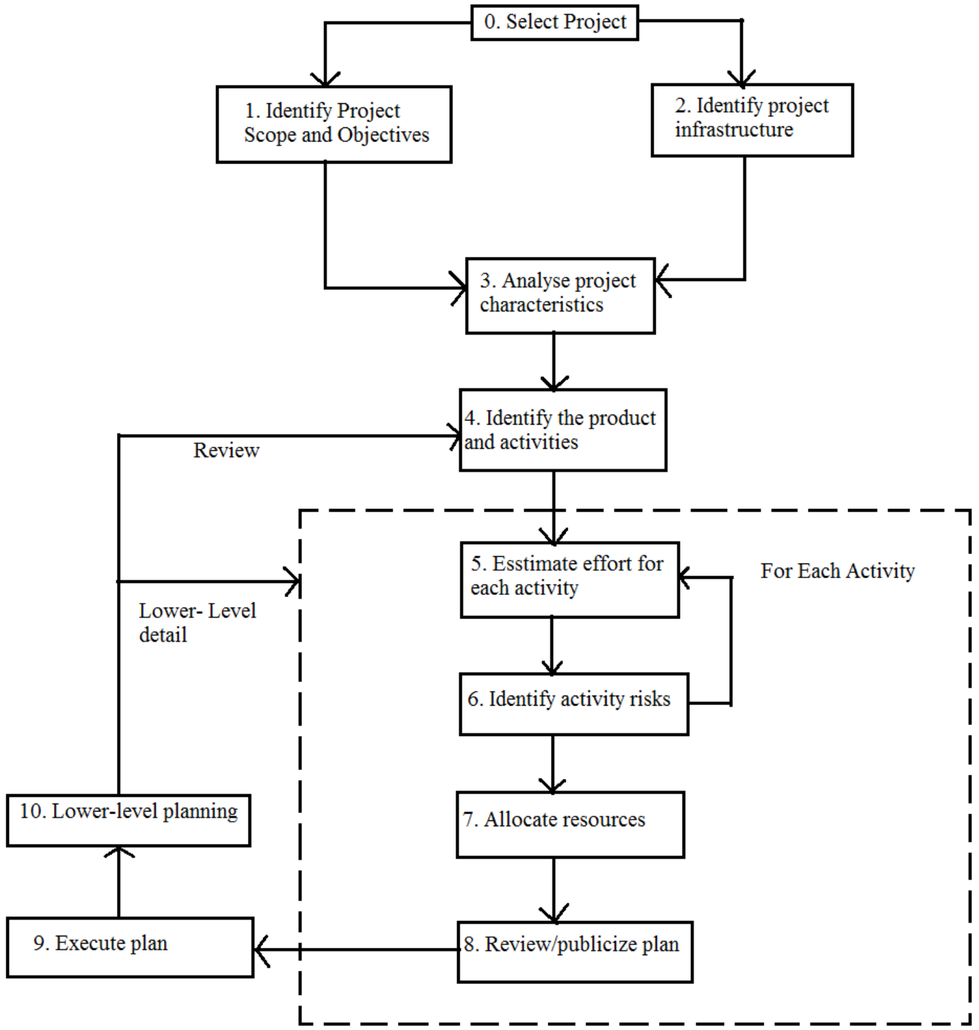
IV Year / VII Semester

Unit 1 – Project Evaluation and Project Planning

Topic 9 – Stepwise Project Planning

Identify the term from the Images

Stepwise Project Planning



Stepwise Project Planning

Step 0: Select Project

- Feasibility study
- Priority

Step 1: Identify project scope and Objectives

- Identify objectives and measures of effectiveness
- Establish a project authority
- Identify stakeholders
- Modify objectives based on stakeholder analysis
- Establish methods of communication

Stepwise Project Planning

Step 2: Identify project infrastructure

- Establish relationship between project and strategic planning
- Identify installation standards and procedures
- Identify project team organization

Stepwise Project Planning

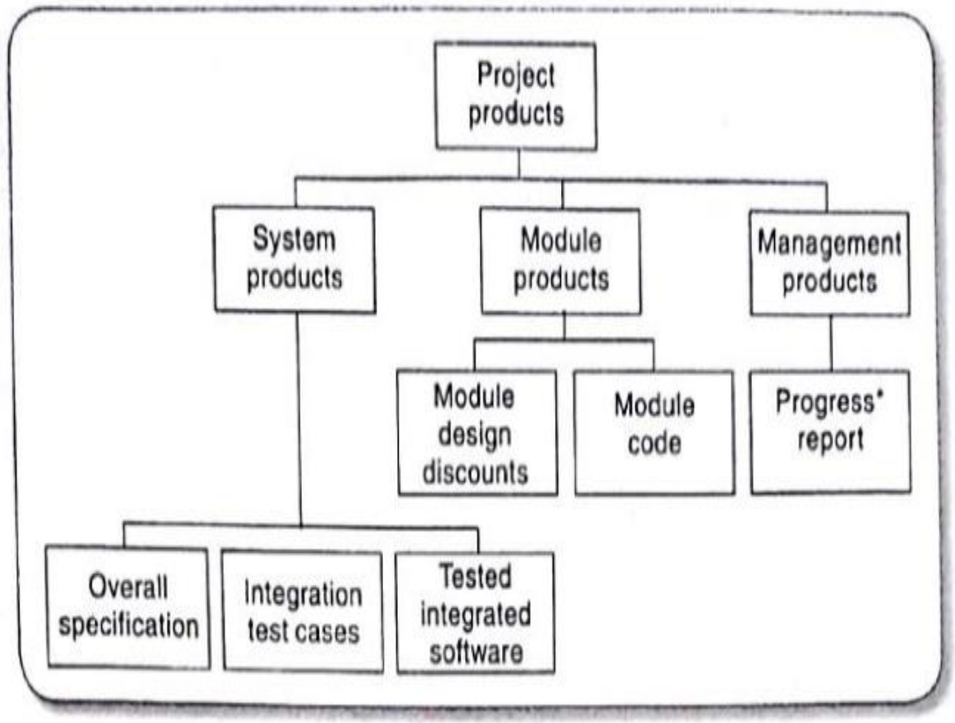
Step 3: Analyze project characteristics

- Distinguish project as objective or product-driven
- Analyze other project characteristics
- Identify high level risks
- User requirements concerning implementation
- Select general life cycle approach
- Review overall resource estimates

Stepwise Project Planning

Step 4: Identify Project products and activities

- Identify and describe project products
- Document generic project flows
- Recognize product instances
- Produce ideal activity network
- Modify ideal to take into account needs for stages and checkpoints



Stepwise Project Planning

Step 5: Estimate effort for each activity

- Carry out bottom up estimates
- Revise plan to create controllable activities

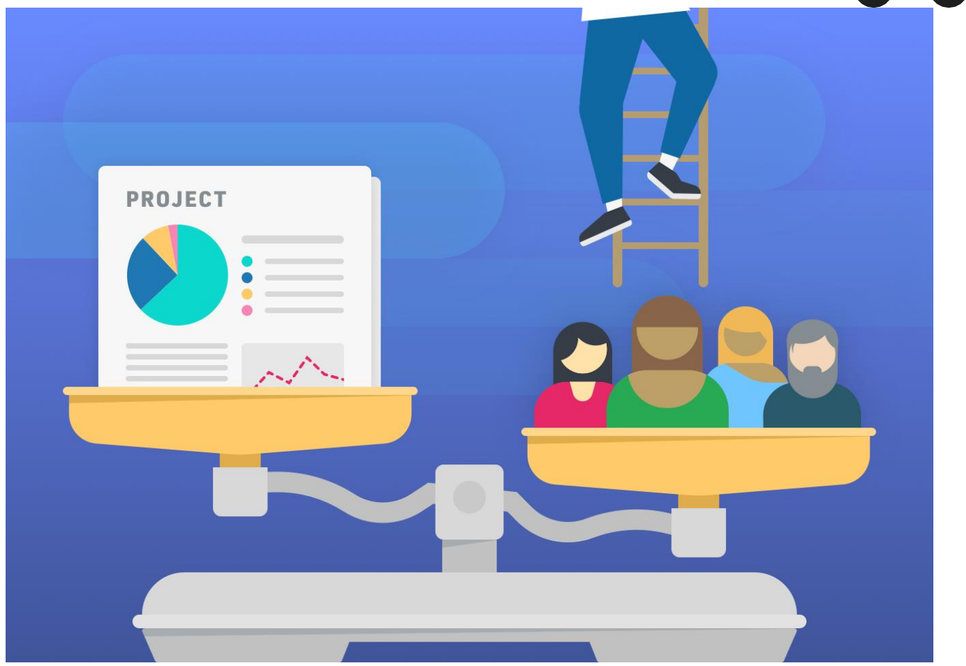
Step 6: Identify activity risks

- Identify and quantify activity based risks
- Plan risk reduction and contingency measure
- Adjust plans and estimates to take accounts of risks

Stepwise Project Planning

Step 7: Allocate resources

- Identify and allocate resources
- Revise plans and estimates to take account of risk constraints



Step 8: Review / Publicize plan

- Review quality aspects of project plan
- Document plans and obtain agreement

Step 9/10: Execute plan lower levels of planning

THANK YOU