

- You should first prepare a **“System Request”** (a document describing the business reasons for your system’s expected value). You should list your project’s key elements (the project sponsor (if any), business need, business requirements, business value and special issues and constraints). These items should be specific to your system.
- Then you should decide on a software development model that we have discussed in the lecture. It may be just one of the models or it can be a combination of those models that suits your system. You should state which stages (activities) you choose from which model and you should discuss why in detail.
- After you state the main activities, you should now specify the tasks and subtasks of your system. You should also show the dependencies between your tasks and identify the milestones. You can use MS Project for that purpose. Determine the durations of each task, assign resources and costs to your tasks. After you arrange the GANTT Chart and PERT Chart (Network diagram) of your system, determine the critical path, the anticipated date of completion and the total cost. Use Reports feature of MS Project to show the followings:
 - Project Summary
 - Critical Tasks
 - Milestones
 - Cash Flow
 - Overbudget Tasks (if any)
 - Who does what when
- Use function point approach to estimate your project’s effort required and the duration for completion. Compare and discuss the dates that you acquire in both cases.

NOTE !! Same or similar projects will be considered as cheating and both teams will get ZERO from the term project.

!! You should submit your assignments ON TIME. Any assignments submitted after the due date will **NOT** be accepted.