

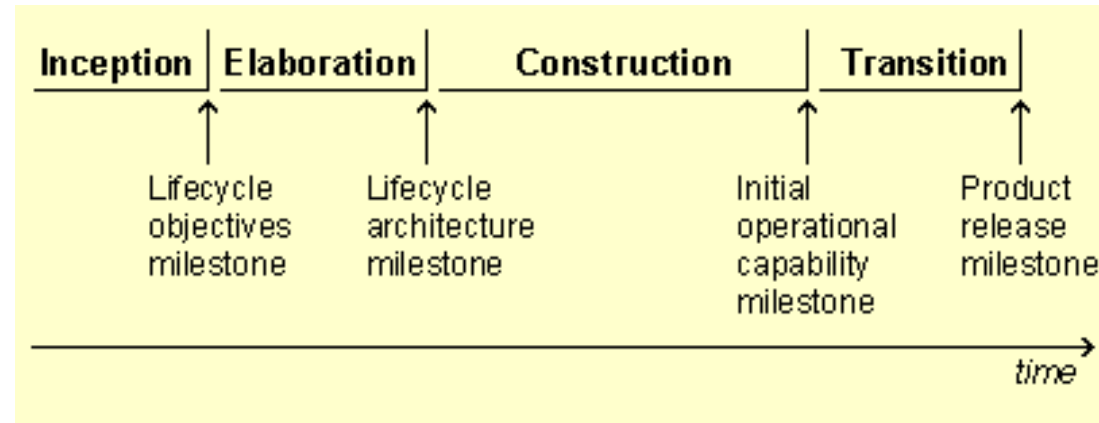
Project planning tasks

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project phases and milestones (OpenUP)



source:

http://epf.eclipse.org/wikis/openup/practice.mgmt.risk_value_lifecycle.base/guidances/concepts/phase_milestones_5678231E.html

inception phase

Inception is about understanding the project scope and objectives

***Understand what to build.** Determine an overall vision, including the **scope of the system and its boundaries**. **Identify** the stakeholders: **who is interested in this system** and what are their success criteria?*

***Identify key system functionality.** Decide which requirements are most critical.*

***Determine at least one possible solution.** Assess whether the vision is technically feasible. This may involve identifying a candidate high-level architecture.*

***Understand** the high-level estimate for cost, schedule, and risks associated with the project.*

source:

http://epf.eclipse.org/wikis/openup/practice.mgmt.risk_value_lifecycle.base/guidances/concepts/inception_phase_C4456871.html

each team must prepare:

Project presentation

Project calendar

Communication plan

(Focus on agile software development)

project presentation

Project presentation

Context

Problem

Goals

Tasks

Expected results

Related work (draft version)

You must also present

Project calendar, communication plan and assignments by team member

duration: 8 minutes

project calendar

Tasks list

Project schedule

project due date determined by exams calendar; be aware of the Students@DETI event

Milestones (4)

number and short description (< 120 chars)

Deliverables

things the project needs to deliver (e.g., software packages and reports)

Duncan Haughey. Project planning a step by step guide. <http://www.projectsmart.co.uk/project-planning-step-by-step.php>. Accessed February 20, 2015.

Project calendar example

[illegible]

task list

Find which are the main building-blocks (modules) of your project

Assign team members to each module

List the tasks by module

Example: Module: Back office (Ana & Pedro)
 Task 1 (Ana & Pedro) : short description
 Task 2 (Ana) : short description
 etc.

must have a relationship with the tasks and deliverables in previous slide

communication plan

Project website (Github / Redmine / Trello / Jira / ...)

Project plan

Reports and presentations

Role and list of activities by team member

Repository (Git, Svn, ...)

Private (team) information

Give access to the supervisors and course instructors

communication plan (how to)

Github

Setup GitHub Projects & Automations: <https://www.youtube.com/watch?v=ff5cBkPg-bQ>

Branches: <https://www.youtube.com/watch?v=CRlGDDprdOQ>

Redmine (demo.redmine.org, but you may need your own installation)

Redmine for software development: <https://vimeo.com/groups/13013/videos/6601634>

agile software development

Agile manifesto statements

Individual and interactions over process and tools

Customer collaboration over contract negotiation

Working software over comprehensive documentation

Responding to change over following a plan

Agile teams are

Individual awareness: how can I be the best me

Team awareness: how can I help the team

Enterprise awareness: how can I help my organization (project)

Community awareness how can I give back to my community

agile software development

Eclipse (2007). Introduction to OpenUP (Open Unified Process). <https://eclipse.org/epf/general/OpenUP.pdf>. Accessed February 20, 2015.

Scott Ambler (2013). Going beyond Scrum. Disciplined Agile Consortium, white paper series. <http://disciplinedagileconsortium.org/Resources/Documents/BeyondScrum.pdf>. Accessed February 20, 2015.

Intel Corporation (2012). IT project planning guide for Intel – Active management technology deployment. https://downloadcenter.intel.com/Detail_Desc.aspx?DwnldID=21058&lang=eng. Accessed February 20, 2015.

Keywords for a successful project

1. **Commitment:** the feeling of responsibility that a student has towards the goals, mission, and results of the project
2. **Time management:** work regularly 1 day per week
3. **Communication** with teammates and supervisors
4. **Attitude:** to be proactive, to be trustworthy!

to do list (summary)

Project calendar

Project website

Related work

→ Project presentation (week 5 and 6)

context, problem, goals, tasks, expected results, related work, calendar, communication and assignments
by team member