

Ferramentas/**Tools**

- monday.com ([www.monday.com](http://www.monday.com))
- Scoro ([www.scoro.com](http://www.scoro.com))
- ProofHub ([www.proofhub.com](http://www.proofhub.com))
- Basecamp ([www.basecamp.com](http://www.basecamp.com))
- Podio ([www.podio.com](http://www.podio.com))
- Workzone ([www.workzone.com](http://www.workzone.com))
- Jira ([www.atlassian.com](http://www.atlassian.com))
- Notion ([www.notion.so](http://www.notion.so))
- ActiveCollab ([www.activecollab.com](http://www.activecollab.com))
- Zoho ([www.zoho.com](http://www.zoho.com))
- Workbook ([www.workbook.net](http://www.workbook.net))
- FunctionFox ([www.functionfox.com](http://www.functionfox.com))
- Worketc ([www.worketc.com](http://www.worketc.com))
- Brightpod ([www.brightpod.com](http://www.brightpod.com))
- Redbooth ([www.redbooth.com](http://www.redbooth.com))
- Wrike ([www.wrike.com](http://www.wrike.com))
- Smartsheet ([smartsheet.com](http://smartsheet.com))
- MS Project
- ...

Ferramentas/**Tools**

- Asana ([www.asana.com](http://www.asana.com))
- Trello ([www.trello.com](http://www.trello.com))
- Nutcache ([www.nutcache.com](http://www.nutcache.com))
- Paymo ([www.paymoapp.com](http://www.paymoapp.com))
- Bitrix24 ([www.bitrix24.com](http://www.bitrix24.com))
- ClickUp ([www.clickup.com](http://www.clickup.com))
- Avaza ([www.avaza.com](http://www.avaza.com))
- Teamweek ([www.teamweek.com](http://www.teamweek.com))
- Freedcamp ([www.freedcamp.com](http://www.freedcamp.com))
- Redmine ([www.redmine.org](http://www.redmine.org))
- ...

## Ferramentas/Tools

- Deve suportar o conceito de tarefa/atividade
- Should support the concept of task/activity/work package
- Deve suportar agrupamento de tarefas/atividades
- Should support grouping of tasks/activities
- Deve suportar o conceito de duração em vez de data de início/fim
- Should support the concept of task duration instead of start/end date
- Deve suportar a definição de dependências
- Should support the definition of dependencies
- Deve suportar auto escalonamento de atividades
- Should support auto-scaling of activities

## Ferramentas/Tools

- Deve suportar o conceito de recurso e afetação de recursos atividades/tarefas
- Should support the concept of resource and resource allocation activities/tasks
- Deve ter meios de identificar sobrealocação de recursos
- Should have means of identifying overallocation of resources
- Deve ter meios de afetar custos às atividades/tarefas
- Should have ways to allocate costs to activities/tasks
- Deve facultar gráficos de Gantt
- Should supply Gantt diagrams
- Se possível, facultar campos customizáveis, KPI's, criação de relatórios e dashboards
- If possible, provide customizable fields, KPIs, creation of reports and dashboards

## Ferramentas/Tools

- Idealmente deve ser uma solução em cloud
- Ideally it should be a cloud solution
- Com múltiplos perfis de utilização (gestor e demais stakeholders)
- With multiple usage profiles (manager and other stakeholders)
- Que integre outras plataformas (backup, controlo de versões, workflow, ...)
- That integrates other platforms (backup, version control, workflow, ...)

## Ferramentas/Tools

### MS Project

- Cada aluno pode obter uma cópia oficial, com número de série, através da plataforma Azure for Education:
- Each student can get an official copy, with a serial number, through the Azure for Education portal:  
<https://azureforeducation.microsoft.com/pt-pt/Institutions> \*  
[https://portal.azure.com/#view/Microsoft\\_Azure\\_Education/EducationMenuBlade/~/software](https://portal.azure.com/#view/Microsoft_Azure_Education/EducationMenuBlade/~/software)
- Registem-se com as credenciais do IPB;
- Register with IPB credentials;

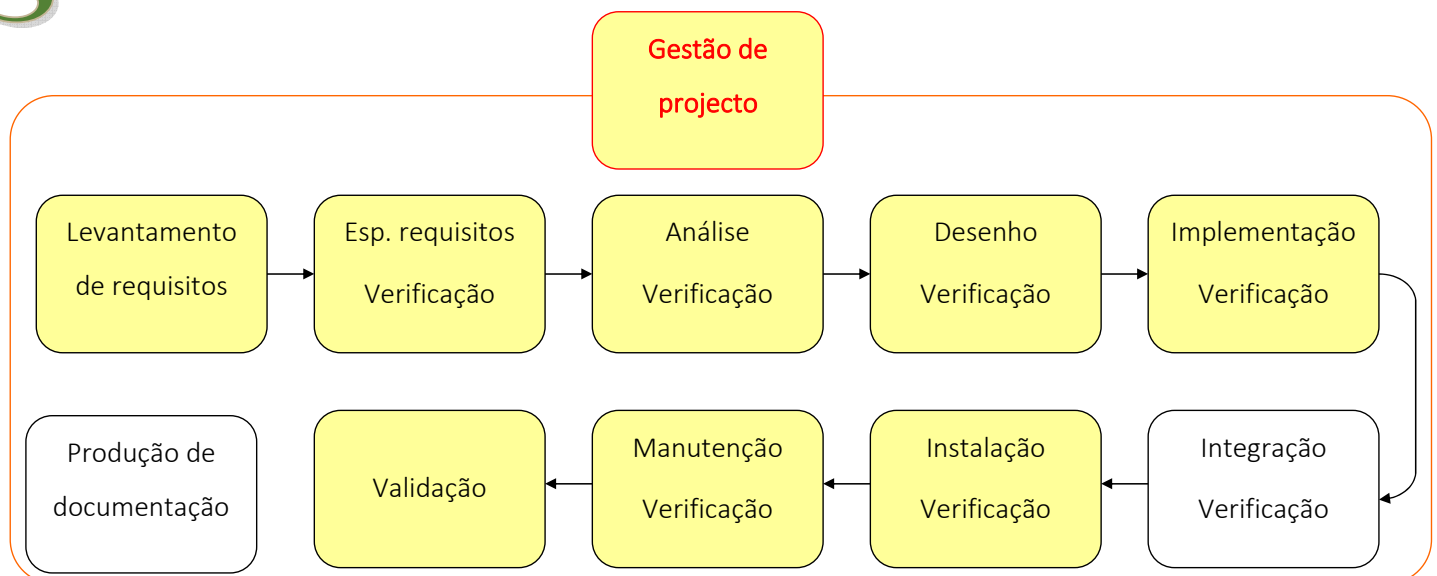
\* Os meus agradecimentos ao Luís Silvestre/ My thanks to Luís Silvestre

Ferramentas/~~Tools~~

## GitLab

- — ~~Devem ter conta no GitLab ...~~
- — ~~Students should create an account on the GitLab~~
- — ~~Devem solicitar a criação de um projecto para Gestão de Projectos~~
- — ~~Students should request a project for Project Management~~
- — ~~Devem indicar o nome de todos os participantes da equipa~~
- — ~~Students must identify all team participants~~

## Ciclo de vida do desenvolvimento de software



## Software Development Lifecycle

