Agile Development (a very short intro)

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Agile Principles

- Short development cycles
  for fast **working product releases**

- **Self-organizing** teams (more than strict processes)

- Rapid **response to changes**

- Perpetual **client collaboration**

Concepts around Agile Developments

- **Sprints** : defining development cycles

- **Scrums** : defining and managing the workflow

- **Kanban** : visualizing the workflow and tracking progress

- **Product backlog** : documentation about the product

- **Project backlog :** documentation about the project management

➡ We will cover these concepts in more details later

Team Work

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Defining roles

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◉ Defining team roles is **not** about defining who takes decisions

• It is about defining who is **responsible for delivering a task that achieves a specific goal**

Define clear roles

- Identify types of task and define clear roles

➡ Stay away from defining vague role definitions
such as *team leader* or *project manager*

- Assign these roles to the team as a whole or individuals

➡ Role assignments can change throughout the project

What roles do you see?

- What has to be done?

- Who will be responsible for it?

Defining roles

- Who interacts with the client

- Who designs the product

- Who develops the product

- Who tests/validates the product

- Who manages the product and its different versions

- Who leads team meetings

- Who reminds everybody about what should be done and when

- Who keeps track of progress

- Who is responsible for the deliverables (and their quality)

- Who reviews the code quality

Organization of work

How are you going to work together?

- Meetings - when, why and how?

- Communication and document sharing tools

- Contingency planning

Dealing with conflicts

What is important to avoid conflicts

- Communicate

- Agree on how to proceed and assign tasks

- Respect your engagements

Dealing with a conflict

- Acknowledge the conflict

- Stop the discussion

- Reconsider your position

- Clarify your opinion

- Re-exposed your arguments with calm

Seek for a resolution

- Find common grounds

- Agree to disagree

- Accept when things do not go your way