

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