

FIT3047

Handover requirements, Being Agile!

Week 12



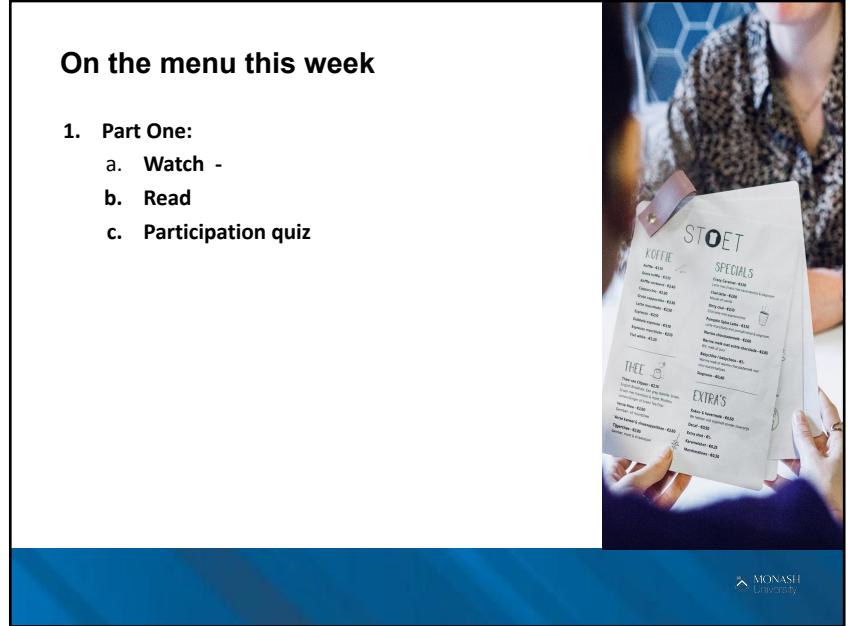
Housekeeping

- Presentations to product owner
- **3048 EXPOS week 11**



On the menu this week

1. Part One:
 - a. Watch -
 - b. Read
 - c. Participation quiz



Product owners... Remember this, but hopefully you now know better.

"Some of the students asked particularly insightful questions and drilled down to understand my needs and requirements further."

"Students did not have their cameras in and were yawning"

"Students did not say hello - just went straight into demo."

"Students did not confirm back what i asked for. I felt that although they said yes, we understand, I don't think they did"

"Students were really interested in what I said and seemed to understand my needs"

"Value only"

A Video to Test Your Awareness

Just how aware will you be of your clients' needs, in 3048?

- Make you think about your client
- Make sure you're not missing any requirements
- Value stood in front of you can't see it

<https://www.youtube.com/watch?v=Ahg6qcqoay4>

Flux, so how many passes?

8, 9, 10, 11, 12, 13, 14, 15?

flux.qa/3CAKSW



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Handover

Ensure PGP is up to date
Acceptance Testing Doc submitted for PO
Final system is where?
Handover checklist
Arrange a meeting with mentors week 14

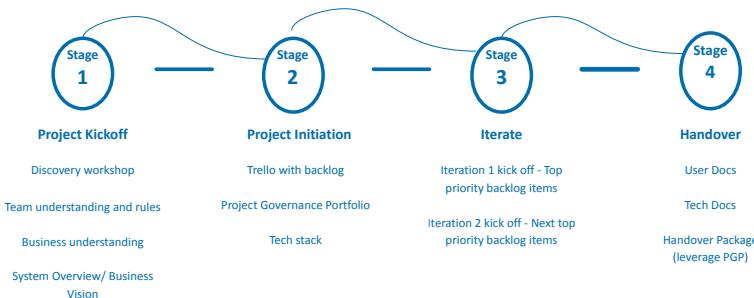
Check Moodle assessments for precise requirements



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Roadmap: Where we are

Plan for project



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So Why Agile



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SDLC

Problems arose for many systems

Often immediate problems as soon as implemented

Why do you think?



So Agile

A philosophy that is used widely in industry - as soon as people are involved.

Use process that support agile

Agile focuses on the people doing the work and how they work together.
Solutions evolve through collaboration teams/client/practices

<https://www.agilealliance.org/agile101/>

Participatory Development Approaches/Practices

Evolutionary development/

Iterative development/

Participative development

- All the same for this unit
- RAD, Agile (both participative approaches)

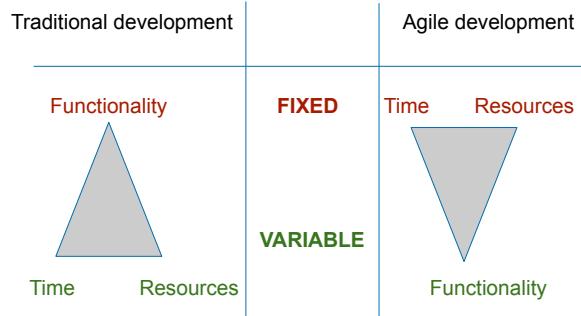
A way of showing our users on the way through, before the end

Using something to use/try out to see if it is right, rather than looking at documentation

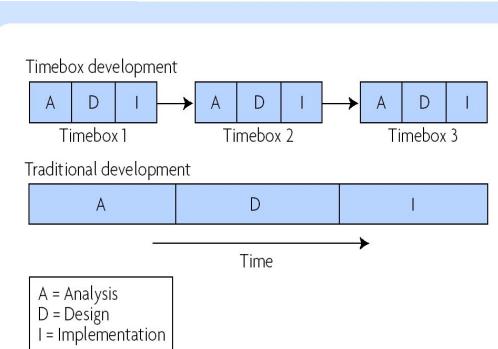
Finding the right things early, not the wrong things late

OR finding the wrong things early, so that you have the right things later.

TRADITIONAL DEVELOPMENT AND RAD/AGILE



TIMEBOX DEVELOPMENT VS TRADITIONAL DEVELOPMENT -



SO DIFFERENCE BETWEEN AGILE AND TDLC?



AGILE PHILOSOPHY

Agile software development

Refers to a group of software development approaches based on iterative development,

where requirements and solutions evolve through collaboration between self-organizing cross-functional teams.

It's about show and tell. Clients see exactly what they will be getting and can see if that's what they want.

AGILE is not a methodology!

AGILE DEVELOPMENT

EVOLUTIONARY APPROACH PLUS A PHILOSOPHY

PHILOSOPHY OF AGILE MANIFESTO (Beck et al., 2001)

- Individuals and interactions over processes and tools
- Working software over comprehensive documentation
- Customer collaboration over contract negotiation
- Responding to change over following a plan

AGILE PHILOSOPHY

Processes to support agile philosophy

This is analysis and design very important and design

- Personas - empathy
- User stories - empathy, starting a conversation
- Acceptance criteria

Managing the project

- Teamwork, self-organization and accountability
- Kanban boards (your trello board)
- Stand-ups - transparency
- Timebox development - Deliver early and often
- Be prepared to fail and fix early



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AGILE PHILOSOPHY

Processes to support the agile philosophy

Continuous improvement

- improve process (from retrospective)
Retrospectives Reflection of each iteration
Keep good things
Get rid of bad things
- improve product (from client)- Feedback to users, change if doesn't fit

continuous development

Lean as much doc. as you need BUT no more
Word Agile means able to move quickly and easily
All to produce a slice of pie



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discuss next semester

Important

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