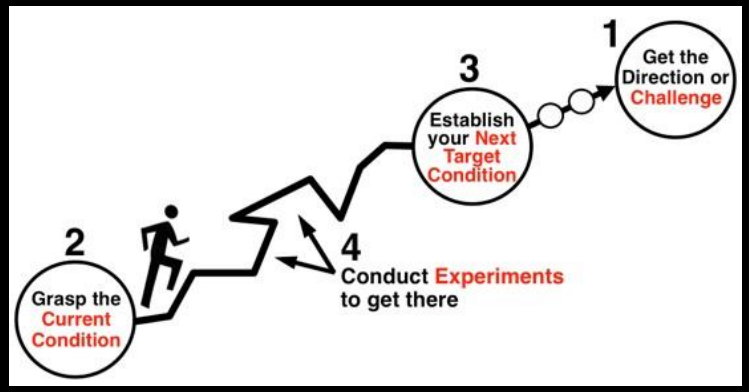
EUROPE

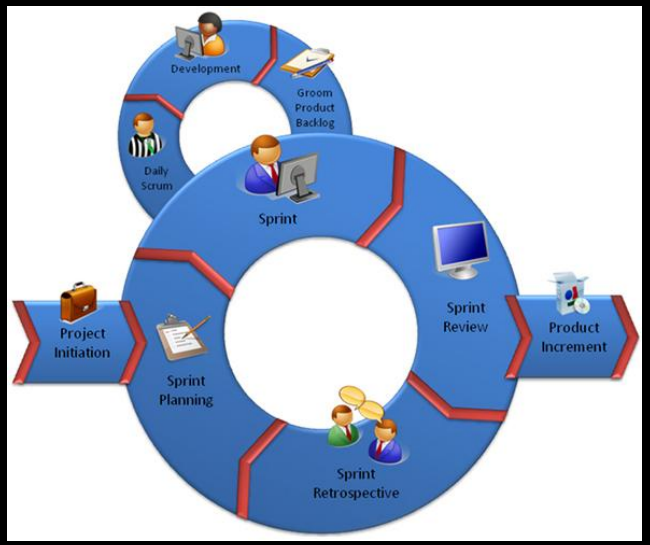
THE FINAL COUNTDOWN

b/w ON BROKEN WINGS

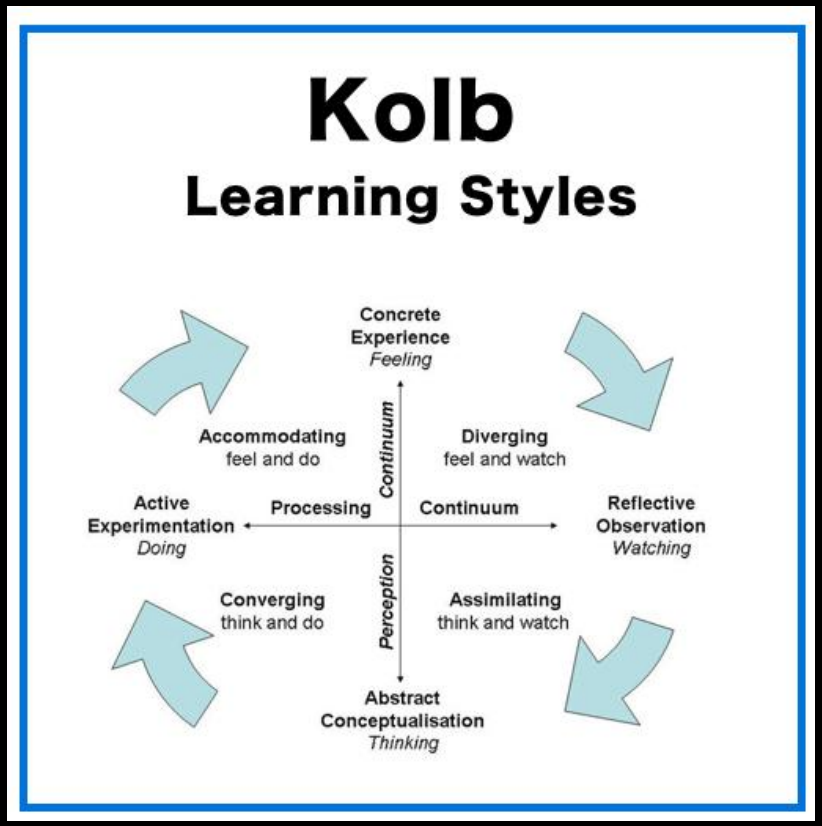
A 7127

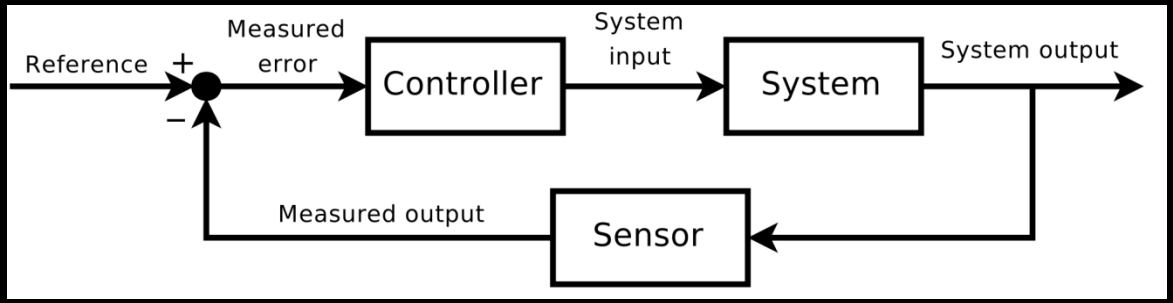
Plan-Act-Reflect Cycles



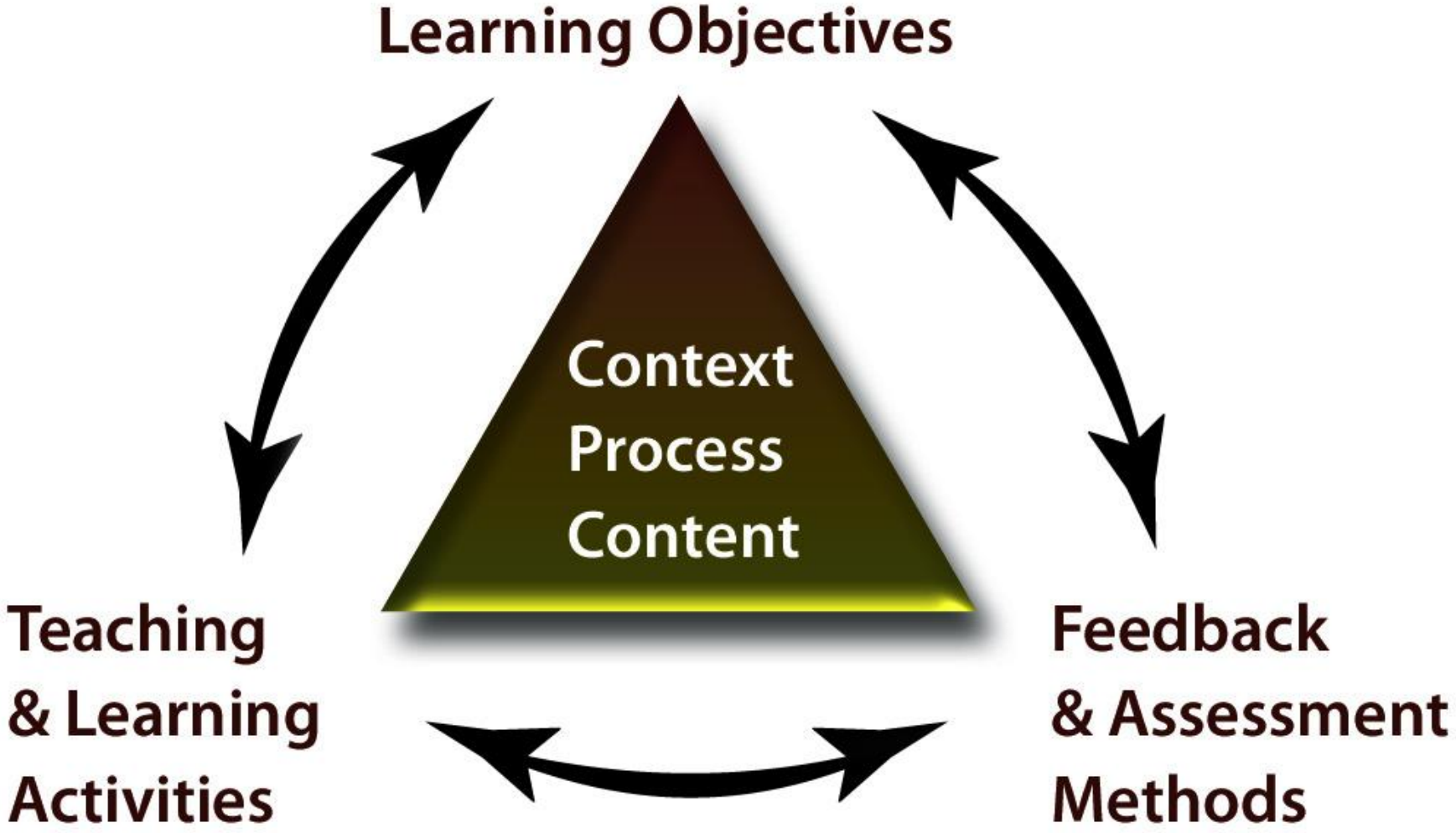


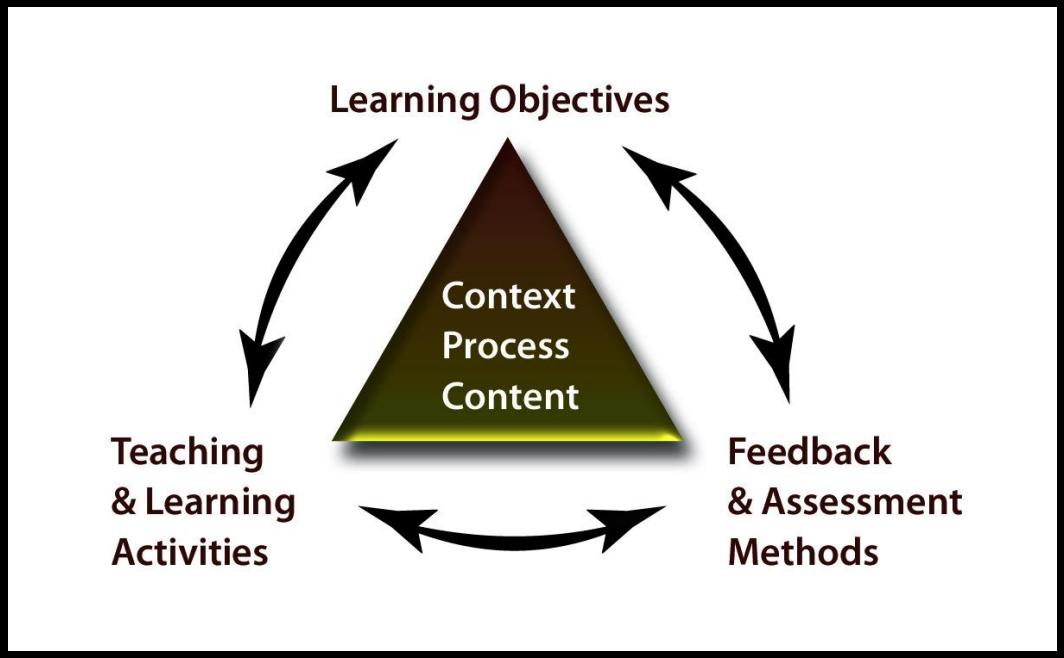
What is in relation to what might or should be and includes feedback to reduce the gap





Constructive Alignment





Program↔ Course↔ Activity

Goal ↔ KPI

Reference↔ Controller↔ Sensordata

Requirement ↔

Creating Meaning

Useful Focal Lengths

17mm

50mm

100mm

200mm

300mm

Used For...

Architecture, Landscape

Street, Documentary

Portraiture

Sport, Birds, Wildlife

digital-photo-secrets.com

Learning Objectives

Knowledge & Understanding

Skills & Abilities

Judgement & Approach

Taxonomy

Factual

Contextual

Procedural

Meta-cognitive

Knowledge & Understanding

The student should be able to ...

development

such as stakeholders and requirements

Solution, and the Endeavour as well as the different methods used for each

Skills & Abilities

The student should be able to ...

… elicitate requirements from and design a solution to a real-world problem

project in a team

relevant courses in a project-like environment

own

Judgement & Approach

The student should be able to ...

- methods used in the project

DEMO

- October 19th
- Navet Lindholmen Science Park
- Two sets: 13.00 - 15.30 & 14.30 – 17.00

PROJECT TRIANGLE

Stakeholder Value 12p

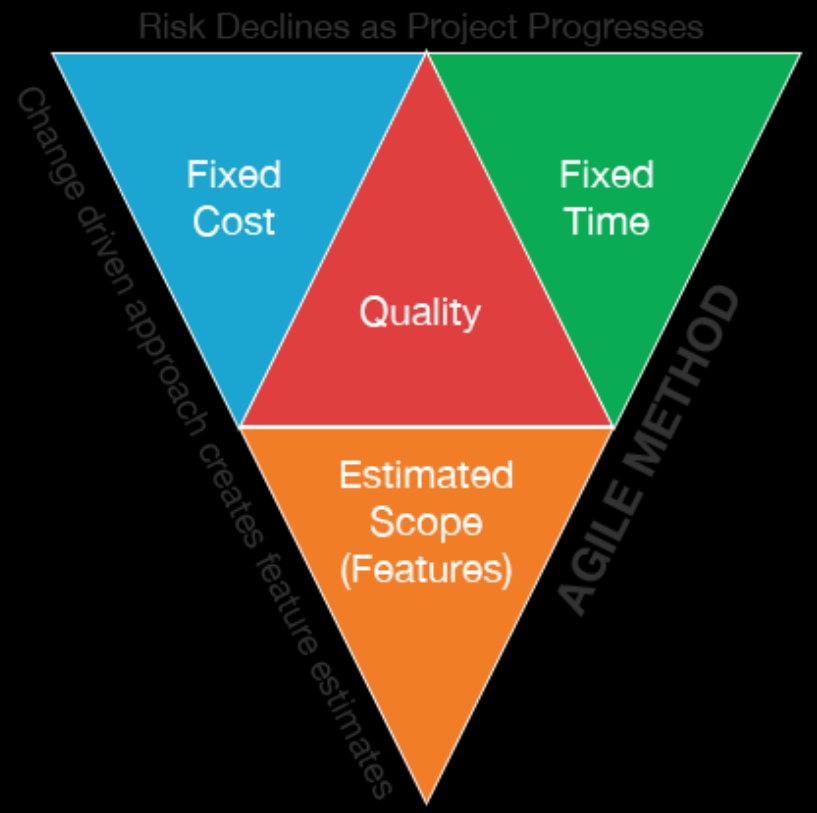
Completeness 3p

GUI 3p

Relevance 3p

Acceptance tests 3p

Motivate your solutions during the demonstration



Teachers = Graders

Prototype 15p

Code quality 3p.

Unit / integration / system tests 3p

Design rationale 3p

Overview 3p

User stories 3p

Design rationale 3p

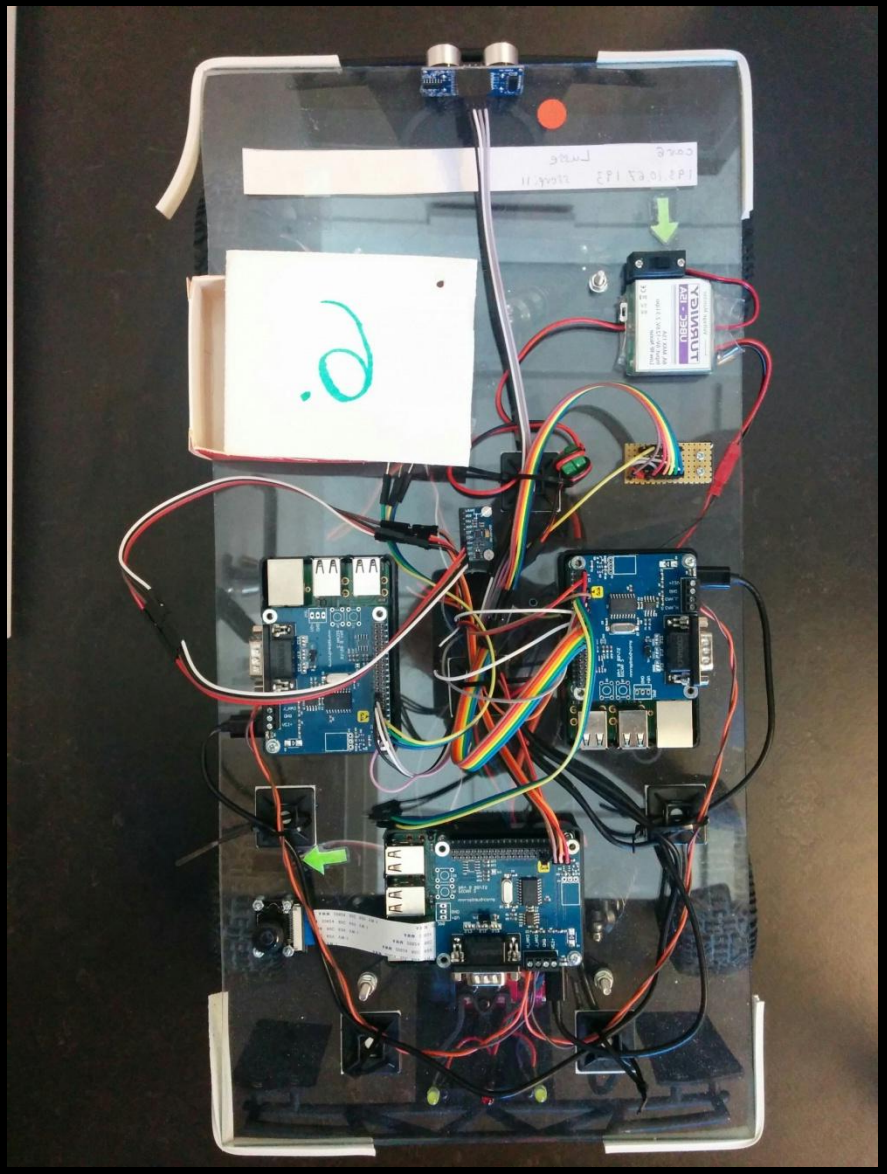
Choice of languages

Additional hardware

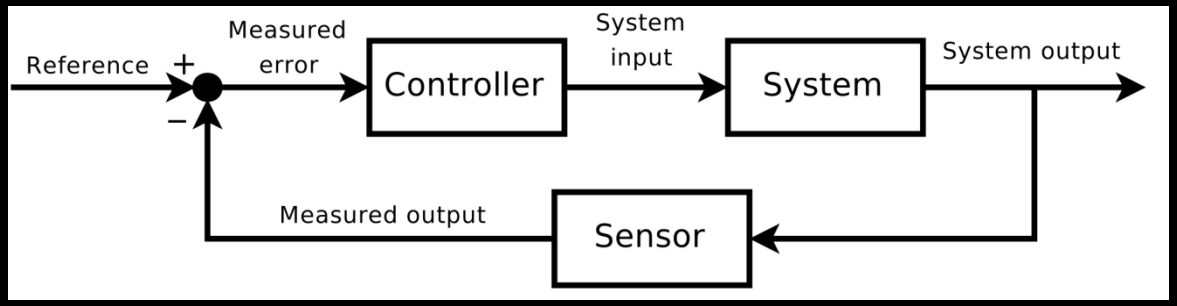
Servers

Simulation environments

…



Overview



Parallel Streams (Additional APIs)

```
List<Integer> numbers = new ArrayList<>();
for (int i= 0; i < 10_000_000 ; i++) {
  numbers.add((int)Math.round(Math.random()*100));
}
```

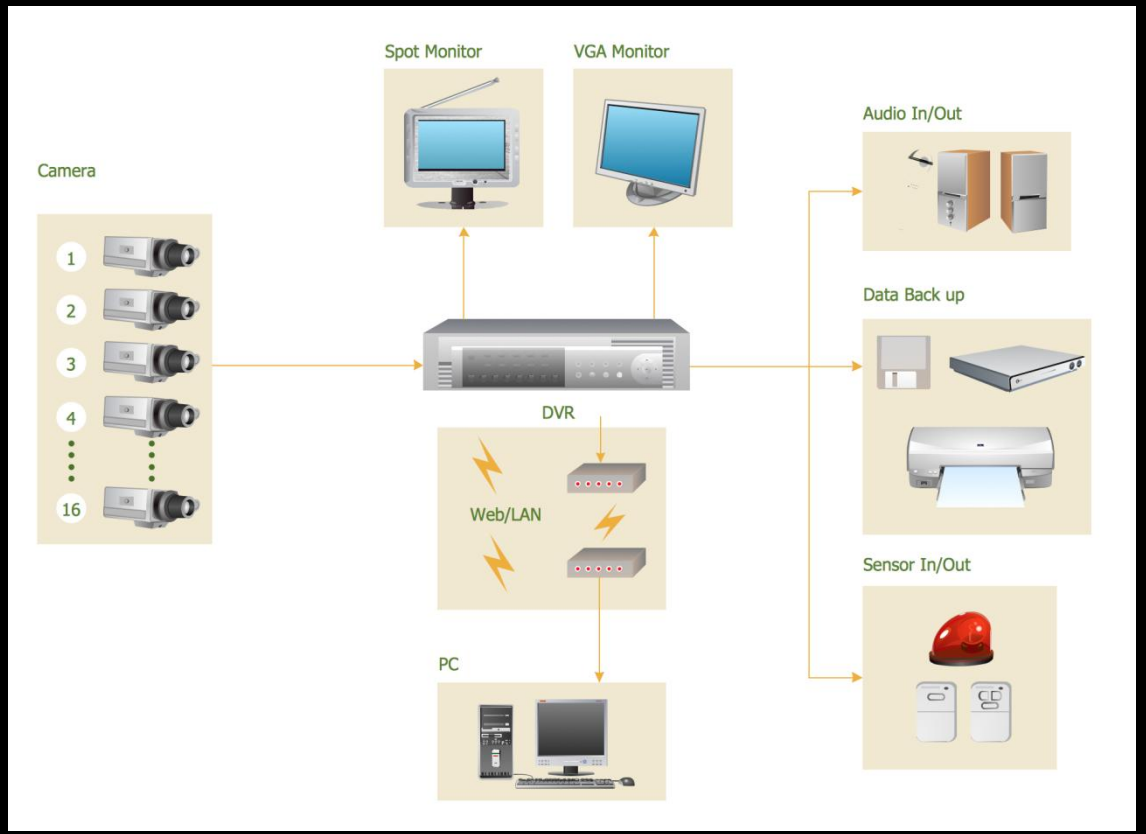
use stream()

```
//This will use just a single thread
Stream<Integer> evenNumbers = numbers.stream();
```

or parallelStream()

```
//Automatically select the optimum number of threads
Stream<Integer> evenNumbers = numbers.parallelStream();
```

@dgomezg



Reflection Report 23p

- Application of scrum
  - Roles, team work and social contract
  - Used practices (pair programming, stand-up meetings, etc.)
  - Time distribution (person / role / tasks etc.)
  - KPIs
- Reflection on the sprint retrospectives
- Reflection on the sprint reviews
- Best practices for using new tools and technologies
- Reflection on the relationship between *prototype*, *process* and *stakeholder value*
- Relating your own process to literature and guest lectures
- Evaluation of D1 – D3
- Documentation of sprint retrospectives, 0-1p
- KPI charts, 0-1p

Reflection

What is
What might or should be
Feedback to reduce the gap

Remember

- Put *everything* in your repo
- Or link to it from the repo
  - Make sure we have access to external material
- Use README to explain disposition
- Fill in personal contribution
- Deadline 27 Oct 17.00 CET

Don’t wait until the last minute!

Exit

Supervision: Open Arena 12 OCT 13-15

Demo: Lindholmen Navet 19 OCT 13-17

RELEASE: 27 OCT 17:00