

Process Overview

Team 11

Project 2

Toolbox for managing the training
neural networks (Pyr Takala)

CSE-C2610 Software Project
Aalto University

14th Oct 2015

Outline

Schedule

Sprints

Weeks

Recurring events

Overview

Events

Practices

Overview

Information

Process Overview

Team 11

Schedule

Sprints

Weeks

Recurring events

Overview

Events

Practices

Overview

Information

Outline

Schedule

Sprints

Weeks

Recurring events

Practices

Process Overview

Team 11

Schedule

Sprints

Weeks

Recurring events

Overview

Events

Practices

Overview

Information

S	Start	End	D	Sa	Te	Tu	Jo	Ju	li	Ma
0	19.10.	13.11.	25	50	35	35	35	35	35	35
1	13.11.	4.12.	21	30	33	33	33	33	33	33
2	4.12.	11.1.	38	30	33	33	33	33	33	33
3	11.1.	1.2.	21	15	33	33	33	33	33	33
4	1.2.	29.2.	28	15	33	33	33	33	33	33
5	29.2.	21.3.	21	15	33	33	33	33	33	33
6	21.3.	11.4.	21	20	25	25	25	25	25	25

Note

- ▶ S2 includes exams (7.-18.12.) and holidays (23.12.-1.1.)
- ▶ S4 includes exams (15.-19.2.)
- ▶ S6 includes exams (4.-9.4) and is reserved for mainly polishing & documenting for final review (11.-13.4.)

Diagram or table of realized workload over sprints

Summary diagram or table of week's activity from Agilefant data

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Outline

Schedule

Sprints

Weeks

Recurring events

Overview

Events

Practices

Process Overview

Team 11

Schedule

Sprints

Weeks

Recurring events

Overview

Events

Practices

Overview

Information

Recurring events:

- ▶ Sprint planning
- ▶ Sprint review
- ▶ Sprint retrospective
- ▶ "Daily" scrums
- ▶ Teamwork sessions

A sprint planning session is organized at the start of each sprint.

1. Before the session

- ▶ the PO makes sure the product backlog contains an ordered list of items with a description and a number depicting business value
- ▶ the team plays planning poker to define effort estimates (story points) for each BI

2. During it the team and the PO

- ▶ briefly define the increment's purpose, the **sprint goal**
- ▶ move BIs from the product backlog to the **sprint backlog**

3. After it, the team

- ▶ chews the BIs into smaller bits
- ▶ assigns effort estimates on the bits (planning poker)
- ▶ assigns a developer and a reviewer to each bit

At the end of each sprint, we

- ▶ demonstrate the stories we were able to get *done*
- ▶ adapt the product backlog based on the results, if needed

Sprint retrospective

After the sprint review, we

- ▶ evaluate and rank teamwork practices
- ▶ discuss how teamwork could be improved
- ▶ remove/replace any bad practices
- ▶ plan implementation of new improvements

Daily scrums

Schedule

Sprints
Weeks

Recurring events

Overview
Events

Practices

Overview
Information

On Mondays and Fridays we have a scrum in which everyone quickly explains what

- ▶ they did since last Scrum
- ▶ problems they have encountered
- ▶ they plan to do next

Teamwork sessions

Most weeks, we'll have

- ▶ a quick remote Scrum on Mondays
- ▶ a 2h session on Wednesdays
- ▶ a Scrum and a 7h session on Fridays (Tuomo would prefer splitting this)

In addition, we do individual work remotely.

Outline

Schedule

Sprints

Weeks

Recurring events

Practices

Overview

Information

Process Overview

Team 11

Schedule

Sprints

Weeks

Recurring events

Overview

Events

Practices

Overview

Information

Used practices and tools:

- ▶ Testing & quality assurance: DoD
- ▶ Communication: Flowdock, Email, WhatsApp
- ▶ Backlog management: Agilefant
- ▶ Time tracking: Agilefant
- ▶ Version control: GitHub

We guarantee quality by making

- ▶ sure team members adhere to the DoD.
- ▶ each member responsible for the quality of the code he reviewed.
- ▶ the PO is responsible for the business value of sprint goals and BIs and for making sure the team understands them.

The DoD is available here: [FIXME](#)

We use the following channels:

- ▶ Flowdock - general forum for everyday discussion
- ▶ Email - communication with PO and Coach
- ▶ WhatsApp/Phone - urgent team communication

The SM communicates with the PO and Coach.

Agilefant is used for all backlogs.
When defining BIs we specify

1. story points (by team)
2. value (by PO)
3. effort estimates (by team)
4. initial assignees (by team)

Time tracking

We track our worktime with Agilefant by logging each session duration as effort spent to a story or task.

Process Overview

Team 11

Schedule

Sprints
Weeks

Recurring events

Overview
Events

Practices

Overview
Information

We use Git with GitHub with branches:

- ▶ stable - tested and working version
- ▶ sprint - increment work in progress
- ▶ storyX - story work in progress

Our development process has four steps:

1. We assign a developer and reviewer for each story
2. The story assignee develops the story in a new branch
3. He makes a merge request once his work is ready for review
4. The reviewer merges the story to the sprint only when it meets the DoD