CS353 Team Project

Week 8

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Plan

week	date	content
3	15/09/2021	Introduction
4	22/09/2021	Scrum, team allocation, initial introductions
5	29/09/2021	Supervisor allocation, project decision , Special Projects
6	06/10/2021	Project sign off, Sprint 1, Week 1. Sprint Planning
7	13/10/2021	Sprint 1, Week 2
8	20/10/2021	Sprint 1, Week 3. Sprint Review, Sprint Retrospective
9	27/10/2021	Sprint 2, Week 1. Sprint Planning
10	03/11/2021	Sprint 2, Week 2
11	10/11/2021	Sprint 2, Week 3. Sprint Review, Sprint Retrospective
12	17/11/2021	Sprint 3, Week 1. Sprint Planning
13	24/11/2021	Sprint 3, Week 2
14	01/12/2021	Sprint 3, Week 3. Sprint Review, Sprint Retrospective
15	08/12/2021	Sprint 4, Week 1. Sprint Planning
16	15/12/2021	Sprint 4, Week 2
17	22/12/2021	Sprint 4, Week 3. Sprint Review, Sprint Retrospective
18	29/12/2021	Wrap up, submission deadline ?

Sprint 4. Test Driven Development, Version control, Documentation

Sprint 3. Story Maps, Testing Testing Testing

Sprint 2. User Stories and how they influence development. Task estimation. Burndown Charts

Sprint 1. What is the project, who is the team, what has been done similar, what is Agile/Scrum, what is a first simple approach.

Sprint 1, Week 3

Sprint 1 has been about "Finding your feet"
          following he process, deciding the project, getting to know each other

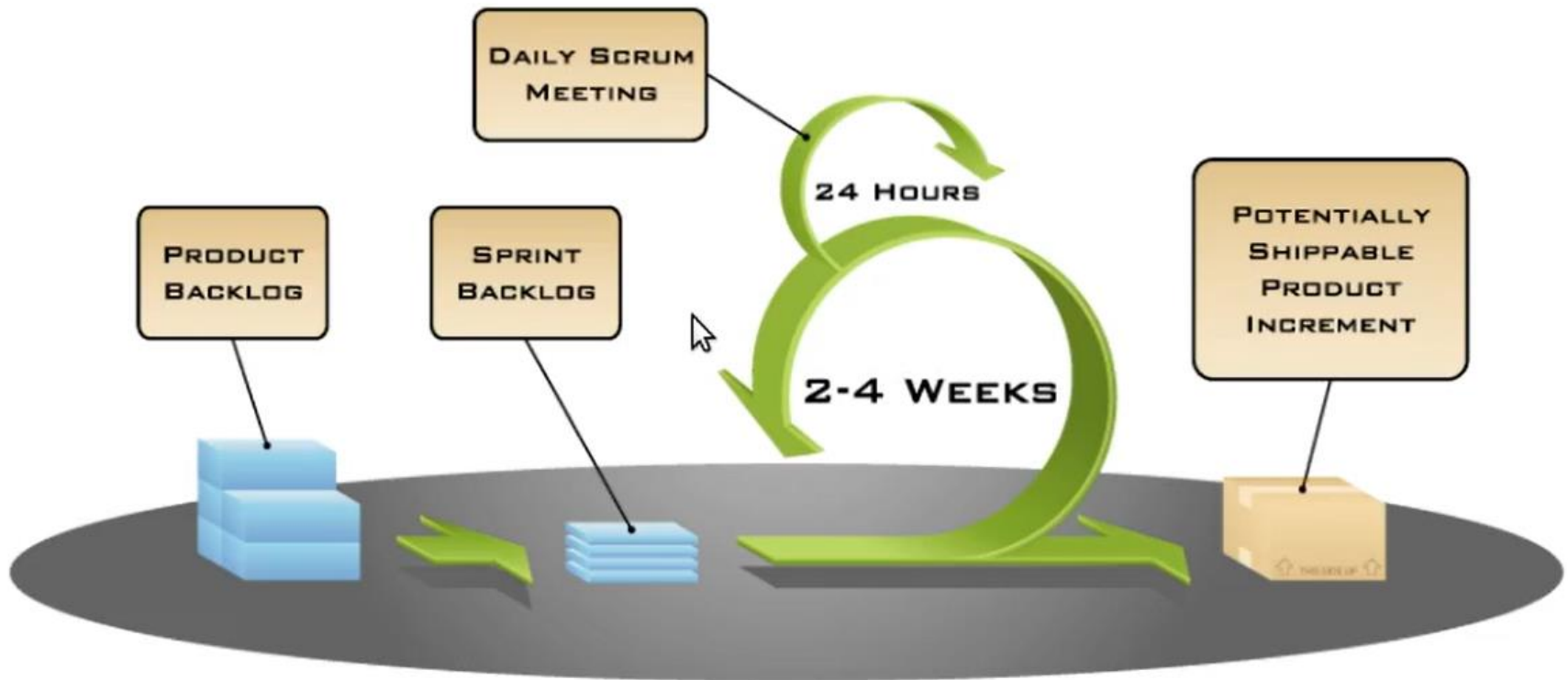Clarifying the project

Literature review

Basic code implementation

Learning the Scrum process

Sprint 2 will be more formal and more observed.
          User stories

Putting it all together

Scrum framework

Roles
- Product owner
- ScrumMaster
- Team

Ceremonies
- Sprint planning
- Sprint review
- Sprint retrospective
- Daily scrum meeting

Artifacts
- Product backlog
- Sprint backlog
- Burndown charts

The sprint review

- Team presents what it accomplished during the sprint
- Typically takes the form of a demo of new features or underlying architecture
- Informal
  - 2-hour prep time rule
  - No slides
- Whole team participates
- Invite the world

Sprint Review – 10-15 minutes

1. Attendance (anyone missing gets 0)
2. Scrum Team and stakeholders discuss the work done (and the work NOT done) during the Sprint.
3. What changes were made to the Product Backlog
4. What steps should be taken next, in terms of priorities for next sprint
5. Review the timeline
6. Take minutes

Sprint retrospective

- Periodically take a look at what is and is not working
- Typically 15–30 minutes
- Done after every sprint
- Whole team participates
  - ScrumMaster
  - Product owner
  - Team
  - Possibly customers and others

Start / Stop / Continue

- Whole team gathers and discusses what they'd like to:

Start doing

Stop doing

Continue doing

This is just one of many ways to do a sprint retrospective.

Sprint Retrospective – 10-15 minute max

1. What went well in the Sprint
2. What could be improve
3. What will we commit to improve in the next Sprint
4. What will we drop
5. What work practices worked well, what didn't
6. Were members roles pertinent
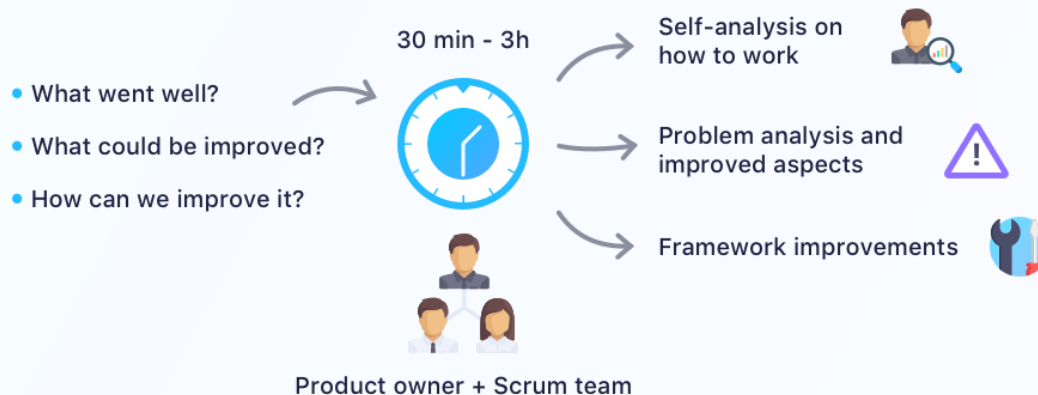7. Relationships, processes, tools

Sprint Review

Meeting at the end of the sprint to check the increment

Increment

2-4 hours

"Done" functionalities

Updated product backlog

Next sprint planning date

Product owner + Scrum Master + Team + Others

Sprint Retrospective

Meeting after Sprint Review to review processes

- What went well?
- What could be improved?
- How can we improve it?

30 min - 3h

Self-analysis on how to work

Problem analysis and improved aspects

Framework improvements

Product owner + Scrum team

Assessment – this will change each Sprint (5 in total)

Sprint Review

1. Did not attend = 0 for non-attendee
2. Did not happen = 0 for whole team
3. Some members contribute on some points = 1
4. All member contribute on all points and a software demo = 2

This will be assessed by TAs and/or Module convener.
Their decision is final!

Book an appointment on the blackboard.

Weightings

50% Group Mark

Group Sections of the Report – Identical for all members [25%]
Co-operation Evaluation [10%] (5*2%)
Final Product Demo [15%] **(do we want video or live??)**

50% Individual Mark

Individual proposal [5%] (completed)
Individual sections of final report [25%]
Peer assessment [20%]

Prize for best project
        [Co-submission of academic paper?]

Final Report
Common group content in RED
Individual Content in BLUE

Chapter 0: Introduction to Agile Development (SCRUM) [2000 words max]

Chapter 1: Your project proposal including.... [1500 words]

Chapter 2: The actual project - technologies/architecture used/testing [1500 words]

Chapter 3: The SCRUM process [4500 words]

Chapter 4: Your contribution [1500 words]

Chapter 5: Summary [1500 words]

Tasks for today

When you are ready, do your Sprint Review, and then do your Sprint Retrospective.

Sprint Review MUST be observed and agreed as successful by your supervisor or Module Convener

Must include a demo (however simple)

They must be carried out in ENGLISH

Both sessions must be documented in your final report (appendix)

User Stories

Before you start Sprint 2…investigate and generate User Stories

But basically a set of 'conversations' about how users might interact with the software

As a < type of user >, I want < some goal > so that < some reason >

As an editing Lecturer, I want to be able to share documents without using moodle so that I have a more robust method to disseminate notes

200 example user stories on moodle
From:
https://www.mountaingoatsoftware.com/uploads/documents/example-user-stories.pdf

News

- As a site visitor, I can read current news on the home page so that I stay current on agile news.

- As a site visitor, I can access old news that is no longer on the home page, so I can access things I remember from the past or that others mention to me.

- As a site visitor, I can email news items to the editor, so they can be considered for publication. (Note: this could just be an email link to the editor.)

- As a site a site editor, I can set the following dates on a news item: Start Publishing Date, Old News Date, Stop Publishing Date so articles are published on and through appropriate dates. These dates refer to the date an item becomes visible on the site (perhaps next Monday), the date it stops appearing on the home page, and the date it is removed from the site (which may be never).

- As a site member, I can subscribe to an RSS feed of news (and events?) so I remain sufficiently and easily informed.

- As a site editor, I can assign priority numbers to news items, so I can indicate which articles I want featured most prominently on the site. Note: Items are displayed on the front page based on priority.