Software Engineering
Class 6

Fall 2023

Group A & B & F

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Class SCHEDULE

- **[Set 20 & 22]** **Class 1: Project KickOff.**
- **[Set 27 & 29]** **Class 2: Backlog check.**
- **[Oct 4 & 6]** **Class 3: Deliver Backlog. Sprint 0 Planning.**
- *[Oct 11 & 13]* *Bank holidays*
- **[Oct 18 & 20]** **Class 4: Deliver Demo S0. Retrospective Sprint 0. Sprint 1 Planning.**
- **[Oct 25 & 27]** **Class 5: Sprint 1 check [Q1]**
- *[Nov 1 & 3]* *Examen, no class.*
- **[Nov 8 & 10]** **Class 6: Deliver Demo S1. Retrospective Sprint 1**
- **[Nov 15& 17]** **Class 7: Sprint 2 check.**
- **[Nov 22 & 24]** **Class 8: : Deliver Demo S2. Retrospective Sprint 2.**
- **[Nov 20 & Dec 01]** **Class 9 Sprint 3 check [Q2]**
- *[Dec 06 & 08]* *Bank holidays*
- **[Dec 14 & 16]** **Class 10: Deliver Final PRODUCT (S3).**

COURSE EVALUATION

1. Sprint 0: Kick-off. Initial team building. Technical decisions.

    10 %

2. Sprint 1: Focus on process and technical stability.

    20%

3. Sprint 2: Focus on testing, QA. Mature DevOps. AND Retrospective self-assessment.

    30%

    40%

4. Sprint 3: Focus on final product demonstration. AND Retrospective self-assessment.

TEAM WORK IN AGILE

SELF-ORGANIZING TEAMS: "Development Teams are structured and empowered by the organization to organize and manage their own work" (Scrum.org)

4 QUALITIES OF A HIGH PERFORMING TEAMS:

1.- High levels of TRUST

2.- Ownership and accountability in their work

3.- Motivation and proactive attitude

4.- Knowledge sharing

The team feel free to express feelings and ideas. Everybody is working toward the same goals. Everyone understands both team and individual performance goals and knows what is expected.

SPRINT EVALUATION

DEMO RUNNING in PRODUCTION ENVIRONMENT (not localhost !)

Y/N

ONE TASK COMPLETED and be part of the DEMO BY EACH TEAM MEMBER

Y/N

SOURCE CODE MANAGEMENT PATTERN DEFINED (Github branching strategy)

0-10

USING KANBAN (Github project management)

0-10

COHERENCE between the data in tools: Trello-Excel-Github-Demo

0-10

TRELLO UPDATED (Acceptance criteria)

0-10

WORKING Product Backlog Items at the Demo

0-10

Sprint template Evaluation

0-10

SPECIAL BONUS POINT (+1) per INDIVIDUAL CONTRIBUTION

DEMONSTRATION

(TRELLO) SHOW User Stories and Acceptance Criteria presents at the demo

(Project) SHOW Kanban status

(Production) RUN working software in a shared screen

(CI/CD) EXPLAIN: Running toolchain and deployment

(Excel) SHOW Excel retrospective focus on the list of 4 questions

FOR THE NEXT (WEEK) Sprint 2 planning:

1. Focus on QA: Testing and quality assurance beyond unitary testing

2. Focus on RETROSPECTIVE: Self-organizing teams is the

   fundamental of agile frameworks !