Scrum – Project Value Delivery Team Sport

Scrum - Agile Project Management Method

Scrum:

- Iterative incremental process to manage projects and teams
- Every weeks the teams delivers a set of activities towards the overall progress of building the robot!
- Each week is called a sprint
- The set of sprints is organized over the 6 weeks with objectives for each sprint.
- Transparent at any time through communication process and allows the each team member to know what going on, what is next and can keep everyone focused.
- The process requires the team to be accountable for there commitments and responsibilities

Scrum a Rugby term

Scrum steps

1) Defined Activities that need to be done
   - Based on the priorities agreed to by the team.
2) Define what done looks like
   - Must be able to be accomplished in 1 week
3) Define what the completion of the task looks like (What does done look like)
   - Defined Tasks to accomplish the activity
   - Must be able to be accomplished in 1 night
4) At the beginning of each meeting, teams commit what they will accomplish for that meeting.
   - Commitment to achieve visible results.
5) At the end of each meeting the teams communicating what gets done.
   - Communicate progress to the team members.
6) At the completion of each activity, go to the priority list and take the next step of agreed actions add a new task.
7) New tasks come on to the Important / Urgent area to be queued into the scrum board
8) At the end of each week, the activities are reset and progress is assessed.

Scrum Board in detail
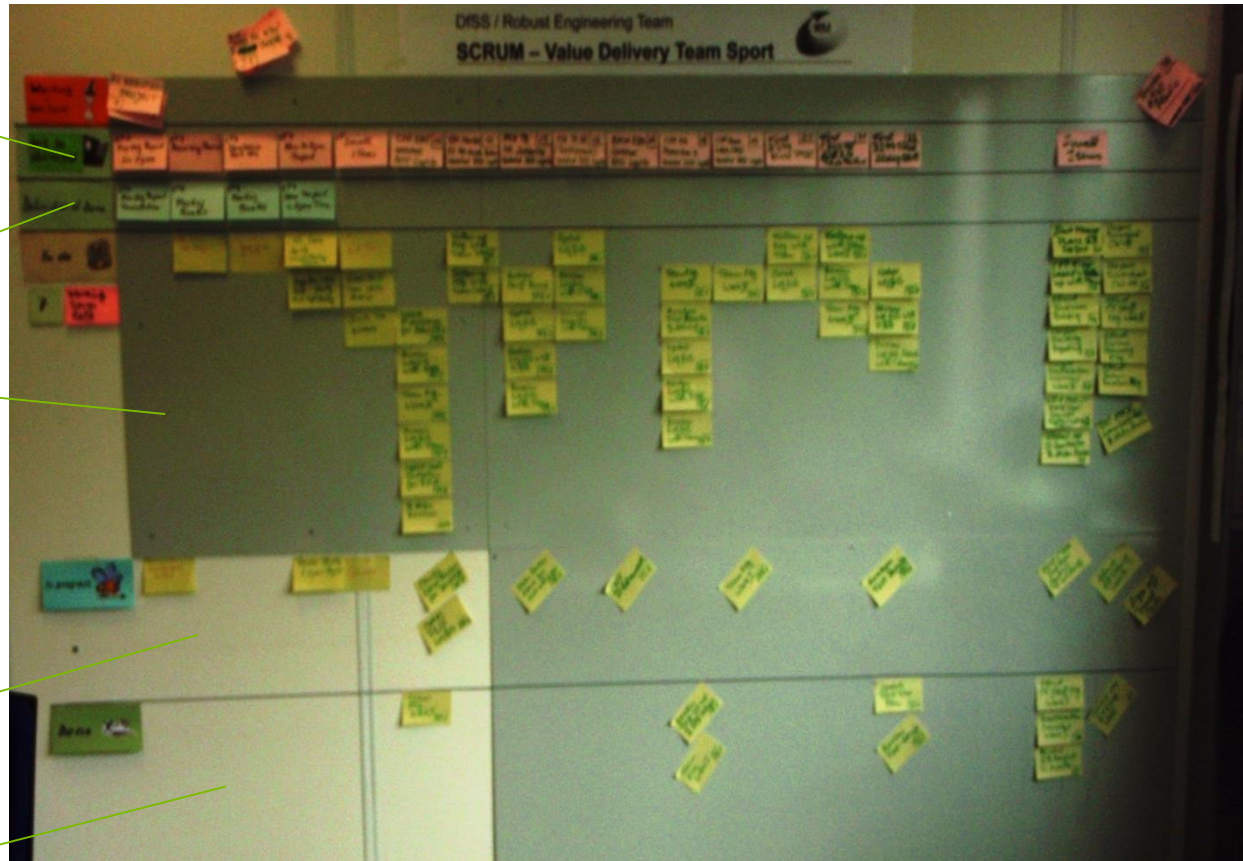
Scrum – Value Delivery Team Sport

Activity

Definition of Done

To do Tasks

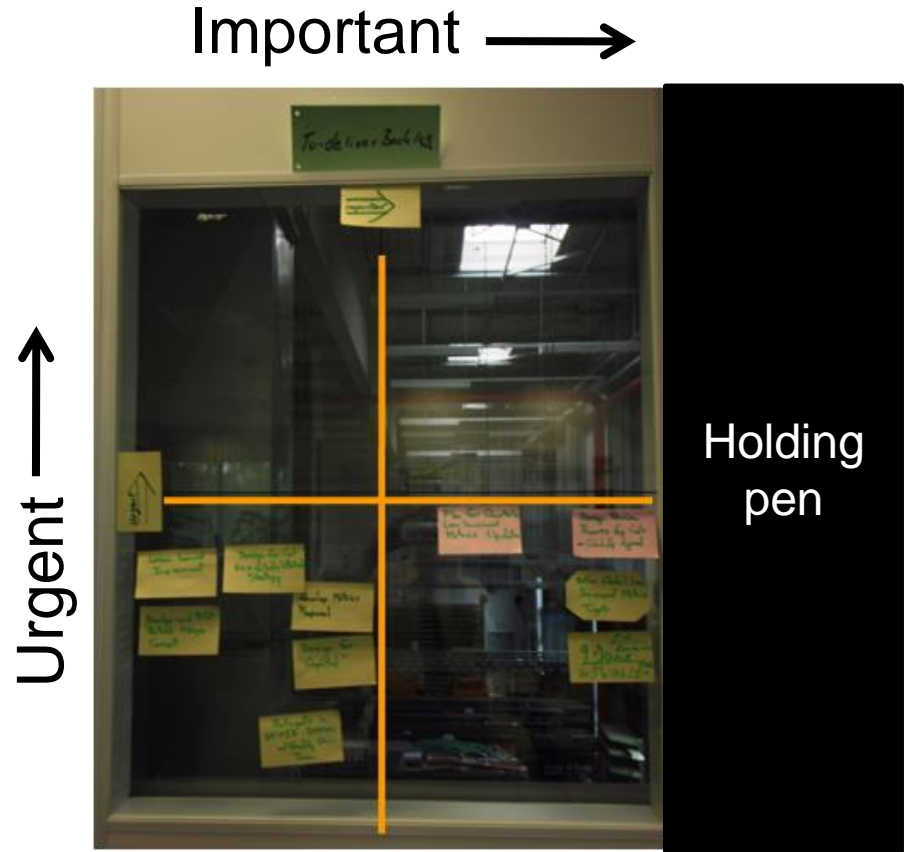In progress

Done

Flow of 'To do's'

To-deliver Backlog

This board is maintained based on the needs of all the teams to complete the desired objectives.

Each new activity with an agreement of what is urgent (needs to be done soon) and what is important (critical to success).

Anyone can outline tasks and put them in the holding pen

Mentors and student leads help identify what is urgent and important.

Important ⟶

Urgent ↑

Holding pen

Backlog at Scrum Board

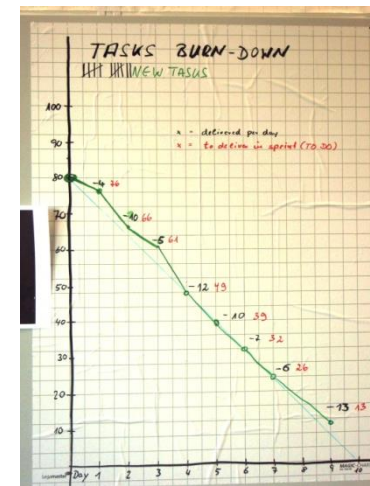# Scrum Board (visualization of progress)

1st day

3rd day

6th day

Measure Progress

Why Scrum

- Keep us communicating.

- Keep us focused on what needs to be done.

- Builds us as a team so that we can win together.

- Everyone knows what needs to be done next.

  - No waiting for the leads or mentors to state what is next.

- Measure our progress and identify where we need more help.