THE SCRUM WALL: An Agile Project Dashboard

Construx®
SOFTWARE DEVELOPMENT BEST PRACTICES

Using Information Radiators To Increase Transparency

Team Photos: These facilitate recognition of team members. If a team member is absent, turn their photo upside-down for the day.

Alex | John | Jonah | Chandra | Yuri

TEAM AVENGERS

Team Identity
Teams that have their own identities show increased morale and performance.

ROSTER

ALEX	x1265
JOHN	x1273
JONAH	x1399
CHANDRA	x1321
YURI	x1425

Roster
Rosters identify the team and ways to contact them.

MEETINGS

Planning: First Monday
Standup: Daily 10:00-10:15 am
Review: Last Friday
Retrospective: Follows Review

See Working Agreements for specifics.

Working Agreements
Effective teams have Working Agreements that establish specific dates, times, and places for all meetings.

PROJECT VISION

A smart watch for smart phone owners who want to stay connected without using their smart phones.

Project Vision
Standardize on a specific format/ template for Vision statements.

SPRINT BURNDOWN

Sprint Burndown
Use Sprint Burndowns to assess progress against sprint goals.

RELEASE BURNDOWN

Release Burndown
In order to increase predictability, utilize Release Burndowns to track progress across projects.

Columns: SPRINT BACKLOG | TO DO | IN PROGRESS | DONE | READY FOR REVIEW

As tasks are identified, worked on, and completed, they move from column to column.

Design Notification APIs — Alex 8h, 6h, 0
Write Unit Tests — Alex 12h, 3h, 0
Implement APIs — Jonah 16h, 10h, 2h, 0
Create UATs — Chandra 10h, 3h, 0

VIEW INCOMING TEXTS
As a business executive I want to view incoming texts discreetly in order to stay connected without disturbing meetings. 34

When all tasks are complete, backlog items move to the 'Ready for Review' column to be evaluated at the Sprint Review.

SEE WHO'S CALLING
As a sales executive I want to see who's calling without using my phone in order to screen my calls. 21

Write Unit Tests 12h
Create New Notification API Methods 16h
Create UATs 10h

Update Functional Spec — John 12h, 6h
Extend Notification API Design — Alex 4h

Prototype UI — John 12h, 2k, 0

Tasks: Work Items that Team Members complete in order to implement the Backlog Item

IMPEDIMENTS

~~Latest firmware drop not on server~~
~~Office thermostat broken, team room way too hot!~~
Alex pulled off to address other team's support issues
Pam's laptop down; IT not helping

Impediments
Use a written Impediments List to track issues and show progress.

DEFECT #42
Watch crashes on incoming email

Sprint Backlog Items are deliverables, like Product Backlog Items or defects, that the team has committed to during Sprint Planning.

Root Cause Analysis 4h
Ensure UATs Regress Defect 4h
Update Unit Tests 4h
Fix Incoming Email Notification 4h
Test On Hardware and Emulator 4h
Update API Documentation 4h

Sprint Task Board

Building a Scrum Wall around the team's **Sprint Task Board** drives collaboration, shares information, shows progress, and highlights impediments...even if your organization also uses a software-based work item tracking tool.

DEFINITION OF DONE

☐ Code reviewed for standards compliance
☐ Static code analysis passed
☐ Unit tests completed and run without error
☐ Nonfunctional tests (memory leaks, performance) completed and passed
☐ Checked in to SCM
☐ Builds are without errors or warnings
☐ External APIs documented
☐ UATs completed and running without error

Definition of Done
Use an explicit Definition of Done to ensure completeness and quality.