IN5890 Seminar

Agile Method: Scrum

Feb. 28, 2017

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Project Extension

Due: March 14th

Scrum Simulation Exercise

1. Teams of 4-6
2. Elect one product owner & one scrum master
3. Aim: Develop a marketing **brochure** for a property development project

Product Backlog

Product owner:

1. will view 4 pictures (i.e. visions of the project)
2. describe the vision to the team
   - communicate the 4 pictures to the team

Teams: write a user story (i.e. features) for each picture

- Use post-it notes for each story
  - e.g. as a parent, I want a kid friendly space
  - e.g. as a pet owner, I want open space for my pet
  - e.g. as a young couple, as an active person, as a socialite, as a young/big family, as a bachelor etc.

Sprint Backlog

Product owner:

- prioritize user stories in order of importance
- place the post-it notes on the scrum board

Sprint backlog (User stories)	To do	In progress	Done	Requirement
Story 1				
Story 2				
Story 3				

Sprint Execution

- 6 min spirits for each user story (total 24 min)

- select the first user story for the 1st sprint or iteration

- for each selected story:

  1. Define requirements (definition of 'done') in order to clarify acceptance criteria & write it on the scrum board
     - e.g. picture of house with backyard, description of condo with gym, pic/description of open concept kitchen etc.

  2. Define tasks & write it on a post-it note
     - e.g. find picture of house with backyard & write description of house with backyard, review picture of previous sprint

Output for each sprint:

- A product increment (i.e. one picture & description of its features)
- Use word doc. to paste your photo & write the description

Scrum board

- Place each task on your scrum board in the 'To do' column and the iteration starts
- Move tasks based on their status

Sprint backlog (User stories)	To do	In progress	Done	Requirement
Story 1			Task 1	- house with pool
Story 2		Task 2		- Two story house
Story 3	Task 3			- Kitchen with island bar

Example:

Step 1

Elect:

one product owner & one scrum master

Step 2

Product owner:
see 4 pictures & describe it to your team

Step 3

Team:
write user stories based on the 4 pictures described

Step 4

Product owner:

place the 4 user stories on the scrum board in order of importance

Step 5

Team:

for the 1st user story define requirements & tasks
– place on scrum board

Step 6

Team:

carry out defined tasks

Scrum master:

compile selcted picture & description on a word doc.

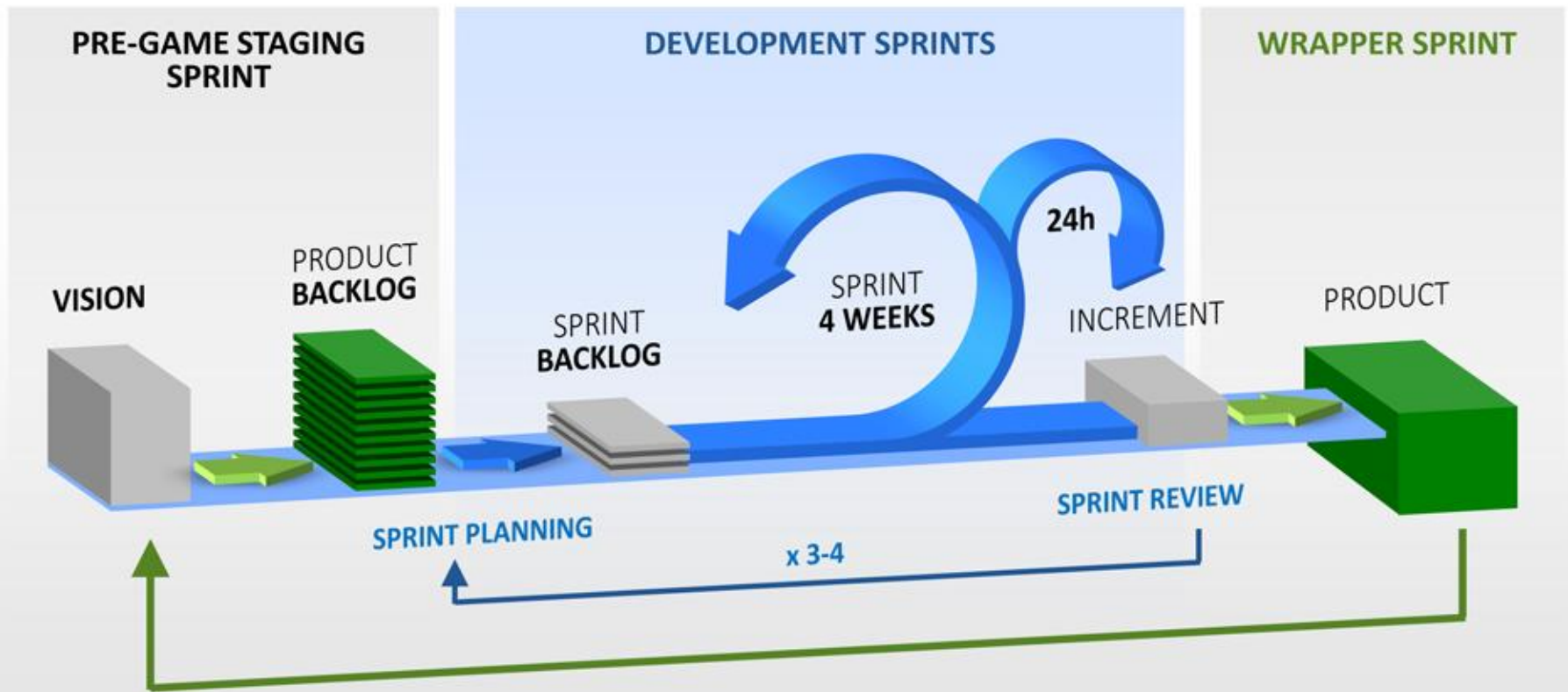Repeat Steps 1-6 for the other user stories

Vision 1

Vision 2

Vision 3

Vision 4

Scrum workflow

The Agile Manifesto–a statement of values

Individuals and interactions	over	Process and tools
Working software	over	Comprehensive documentation
Customer collaboration	over	Contract negotiation
Responding to change	over	Following a plan