ISC Cloud First Program
Application Design & Tools and Integration Teams

DEMO Slides: Agile Development & Using the Jira Agile Plug-in

Lunchtime Learning
12/8/2016
Using the Jira Agile Plug-in

• Supports agile development by organizing work into:
  • **Epics** – a general, overall feature set desired by product owner
  • **User Stories** – breakdown of epics into greater detail for estimation
  • **Backlog** – project work (i.e., user stories) to be prioritized for development by the product owner
  • **Sprints** – team determines which set of user stories to select from the backlog and include within the next stage of development
    • Sprint length – period of time determined by the team to complete the items within the sprint; varying between 1-3 weeks
  • **SCRUM Board** – graphical view of all work in the current sprint; ability to “drag & drop” items based upon their status (i.e., to do, in progress, done)
Utilizing Agile Development Techniques

• Planning development
  • Develop high-level epics
  • Break down epics into user stories
  • Create backlog of desired work & prioritize with product owner
  • Define the upcoming sprint & spring length

• Beginning & Executing a sprint
  • Define detailed requirements of user stories with the product owner
  • Create .feature files to assist with automated testing
  • Facilitate work through daily STANDUP meetings, i.e., quick team conference calls to identify any issues impeding development – approximately 10-15 minutes at the start of each day
Jira Agile Plug-in: Summary List of Items in the Product Backlog
Jira Agile Plug-in: Breakdown of Issues Related to a Particular Epic
Jira Agile Plug-in: “Drag & Drop” Items from the Backlog into the Sprint
Jira Agile Plug-in: Starting the Sprint
Jira Agile Plug-in: SCRUM Board Providing Overview of Work in the Sprint
Jira Agile Plug-in: Updating Status by “Dragging & Dropping” across the SCRUM Board
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