ISC Cloud First Program
Application Design & Tools and Integration Teams

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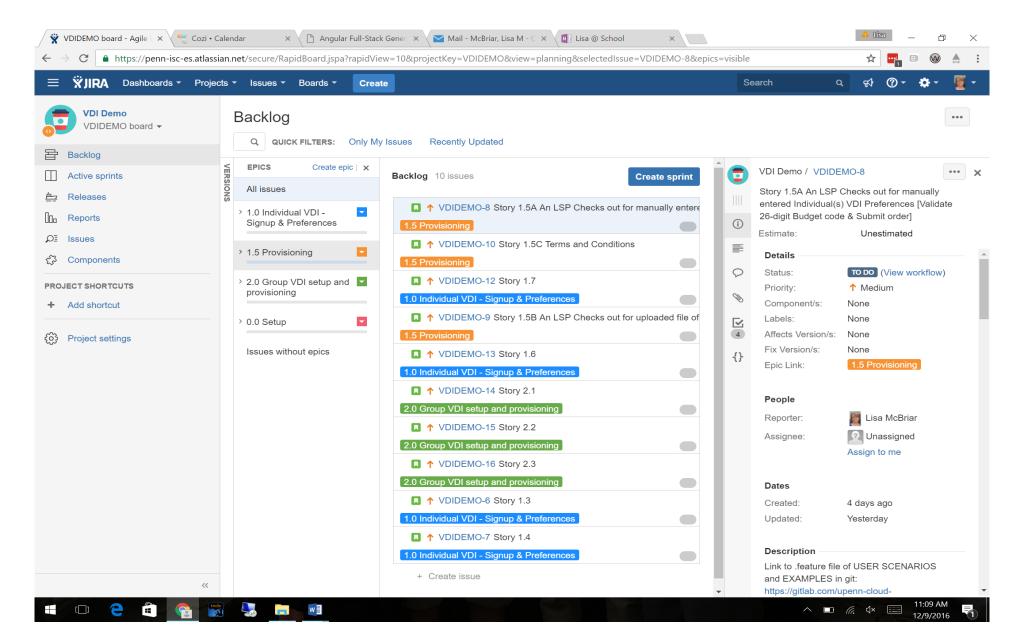
Lunchtime Learning

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)
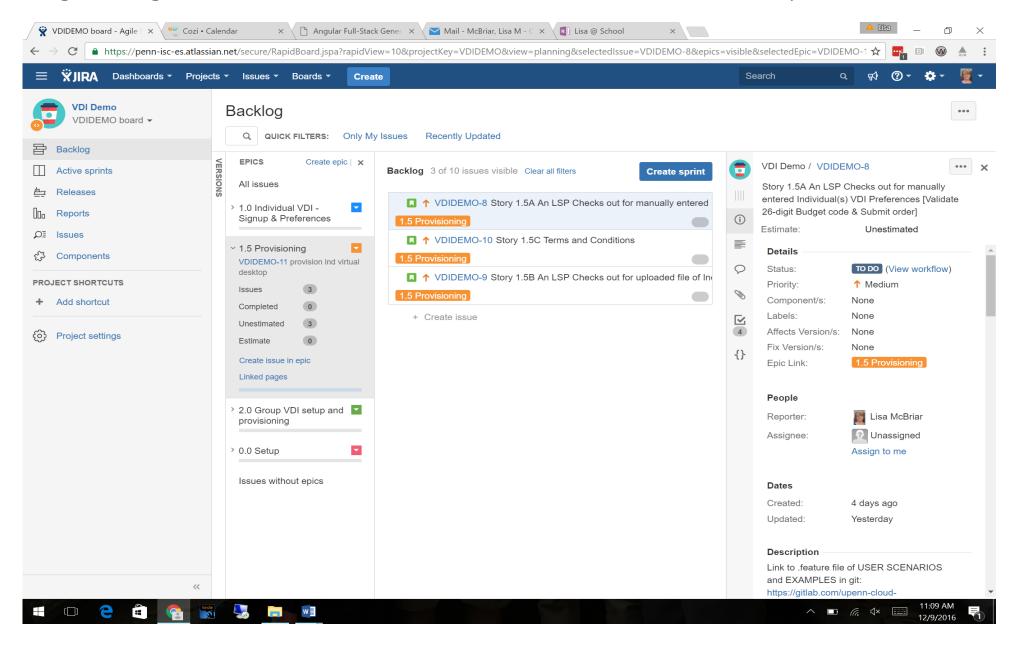
Utilizing Agile Development Techniques

- 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
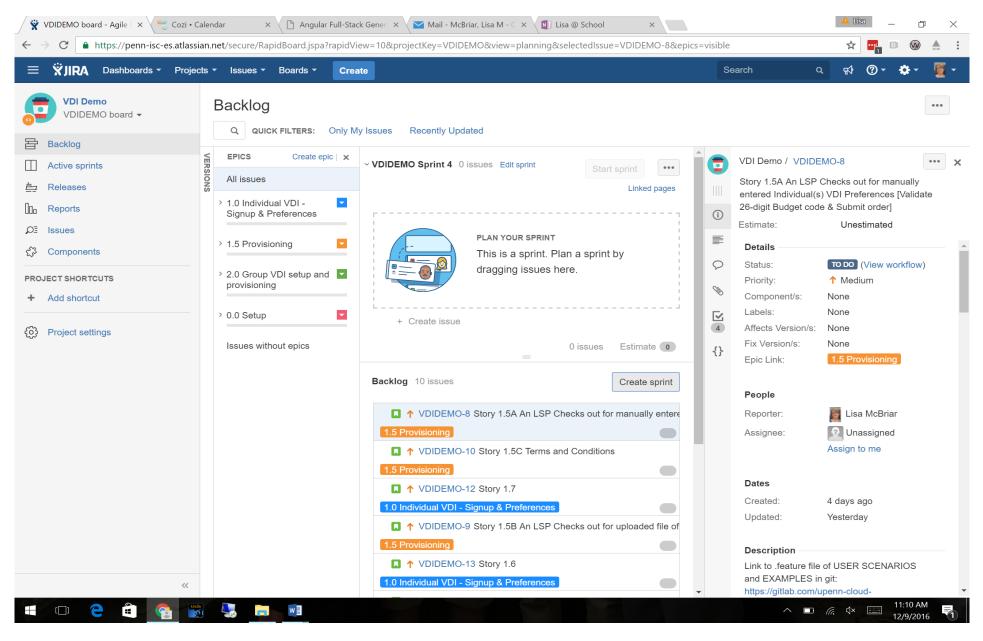
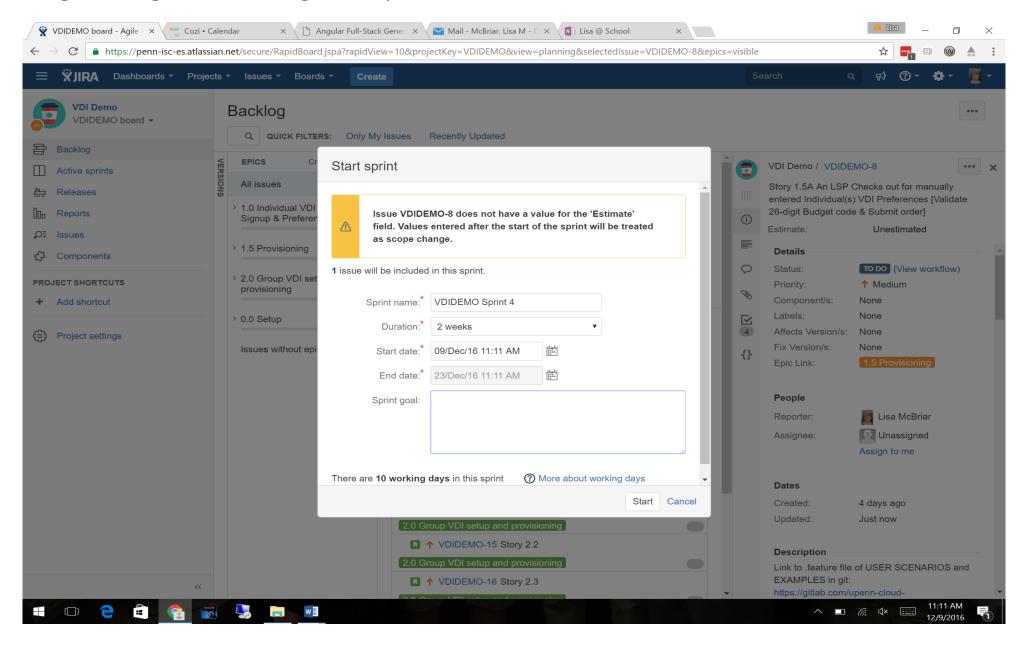# Jira Agile Plug-in: Summary List of Items in the Product Backlog

Jira Agile Plug-in: Breakdown of Issues Related to a Particular Epic
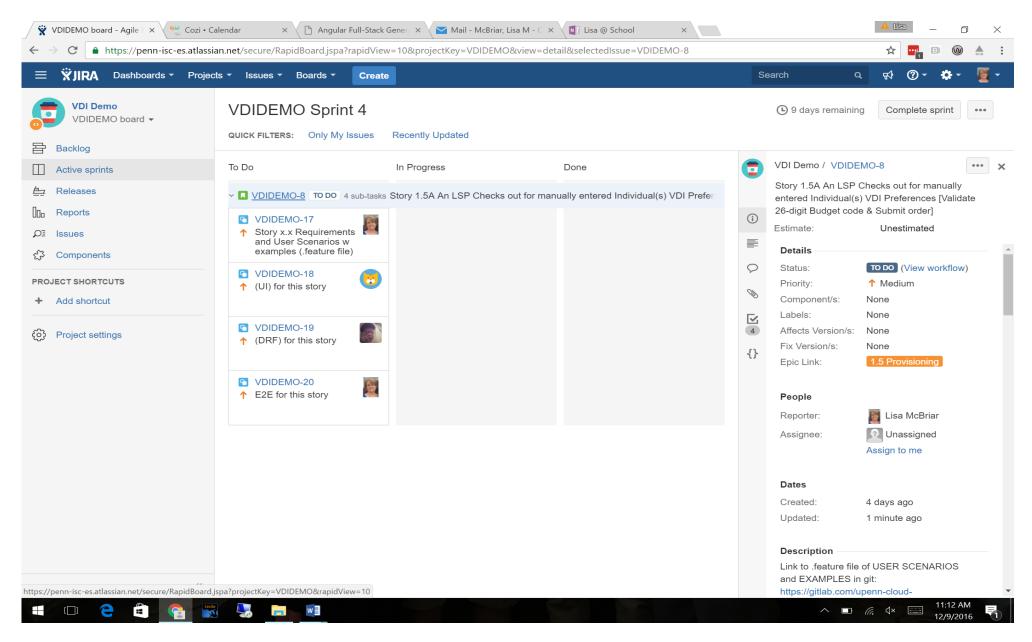
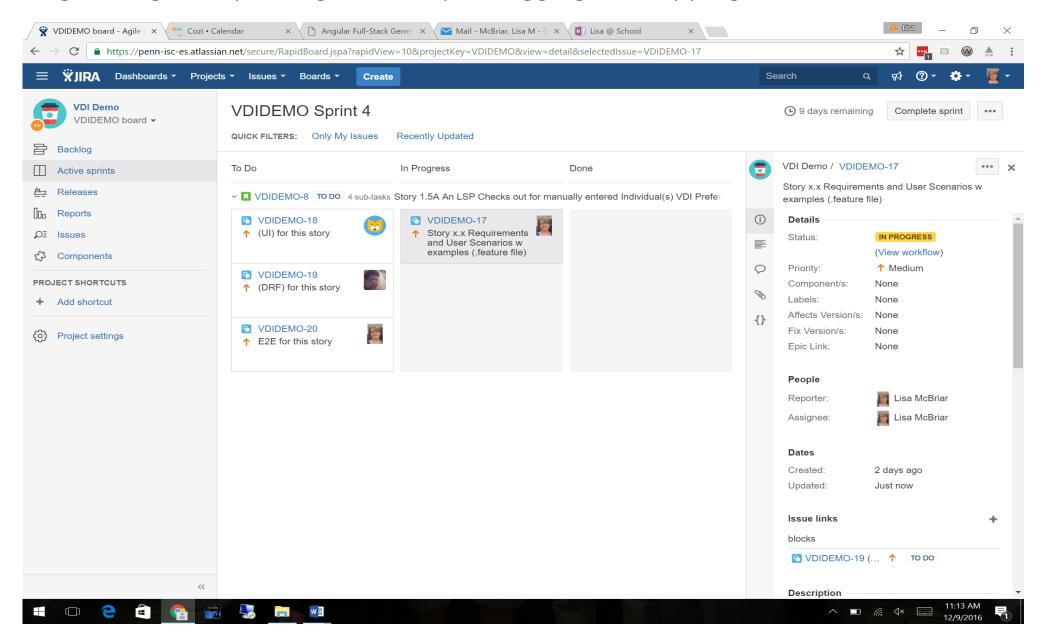# Jira Agile Plug-in: "Drag & Drop" Items from the Backlog into the Sprint

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

Jira Agile Plug-in: Updating Status by "Dragging & Dropping" across the SCRUM Board