Software Project Planning and Management

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## Lab #2: JIRA Software

Description:

We will practice the Scrum agile method using the Jira software in this lab. We will practice a number of basic Scrum operations, including: creating a epic, creating a user story, estimating story points, managing backlog, creating a sprint, and managing sprint in the board panel.

Instructions:

1. Set up your Jira

A cloud free version of Jira is available at: https://www.atlassian.com/software/jira. Note that you need to sign up an Atlassian account to use Jira. When you log in the system for the first time, you will need to go through several steps to set up your first project, such as set up personal site, choose project template (i.e., Scrum).

If everything is fine, you should see a page similar to the following in your browser.
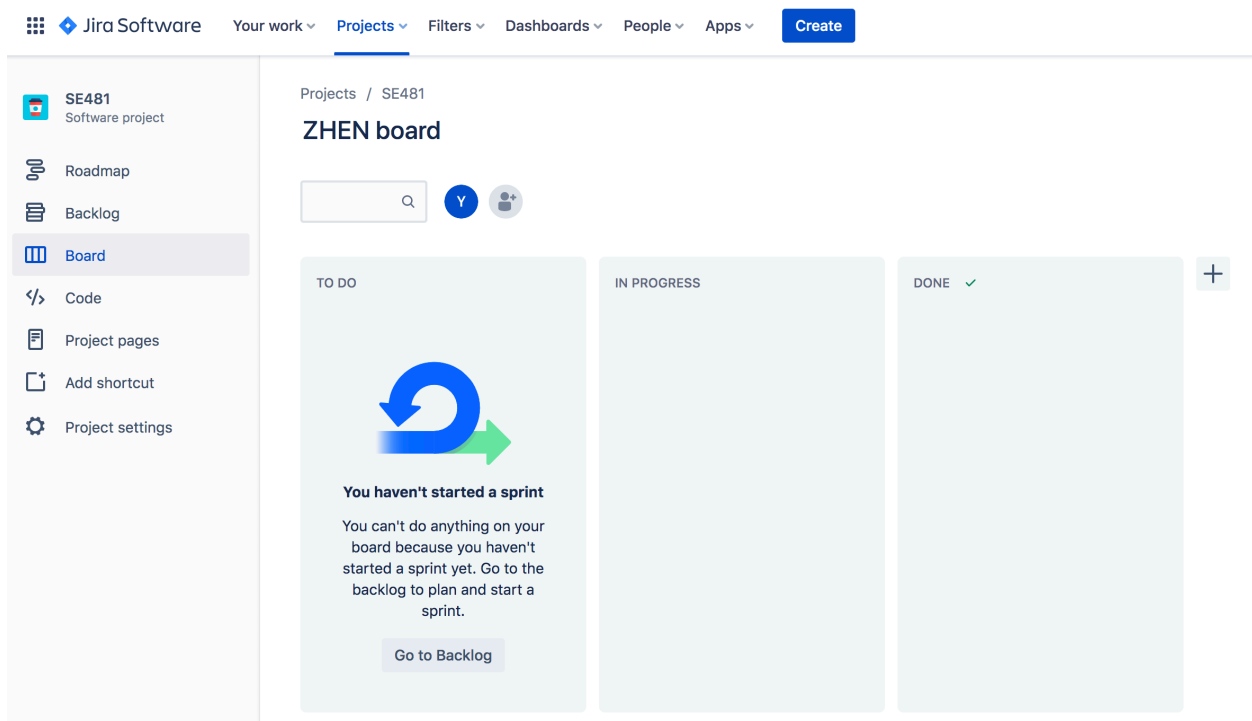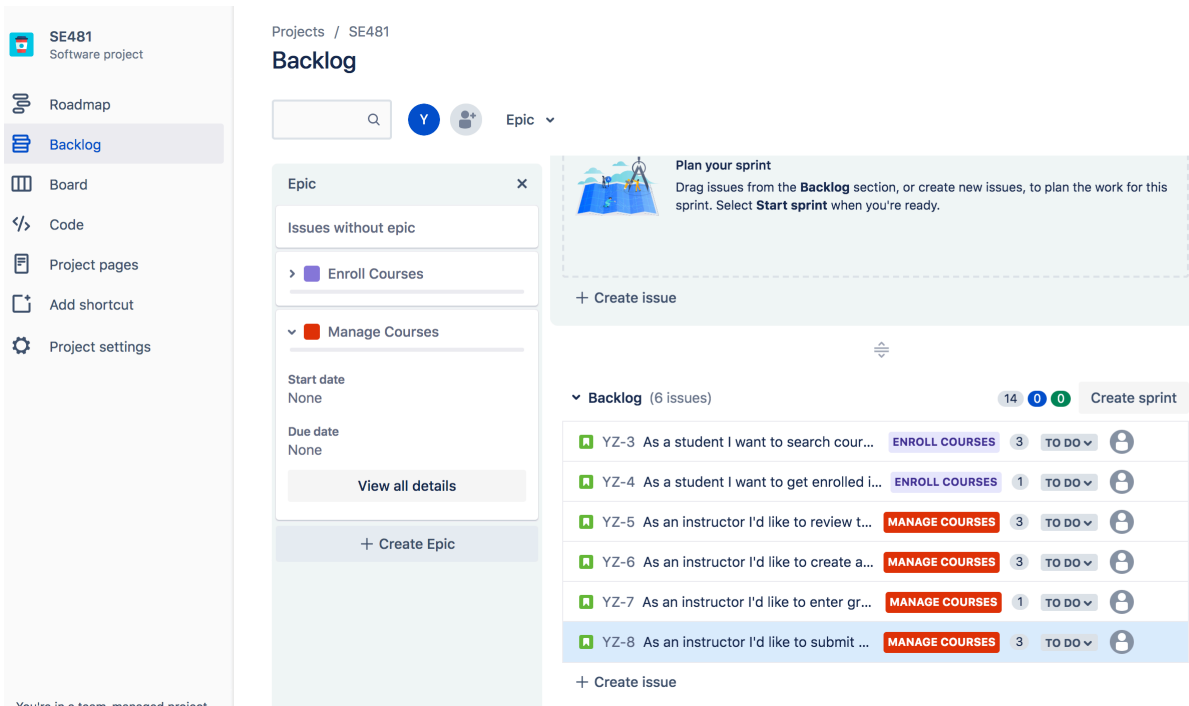
2. Create Epics, User Stories, and Sprints

Click "Backlog" on the left bar of the Project page. Click "Epic" on the right side. Enable "Epic panel" in the dropdown list.
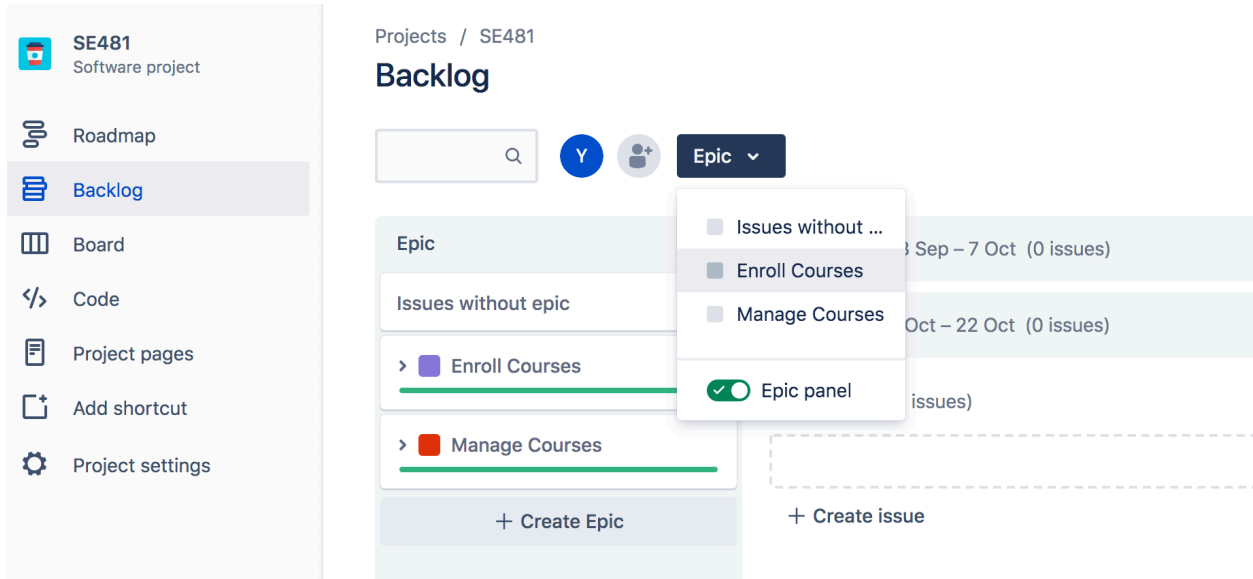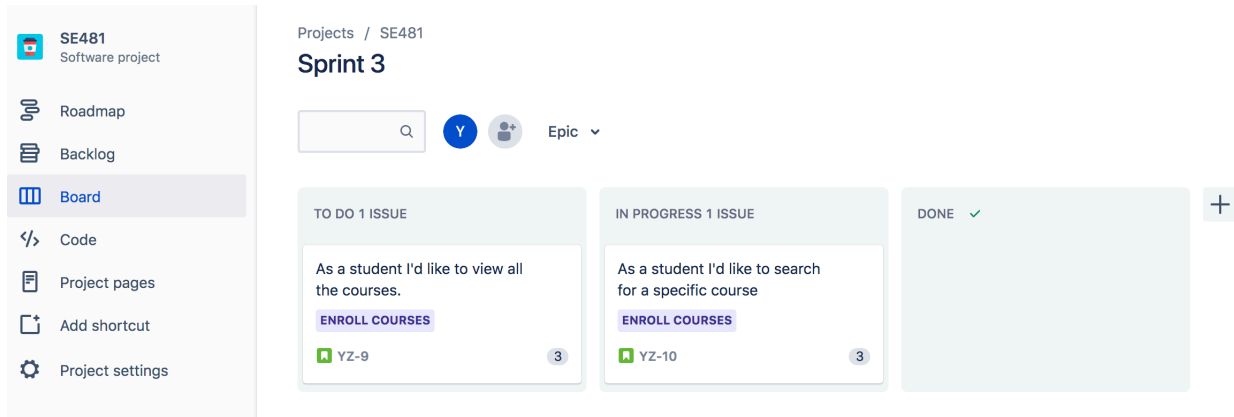

You can now create epics, user stories, and sprints as the instructor demonstrated.

3. Manage Sprints in the Board panel

You can drag and move a user story from one column to another column to change its status (e.g., TO DO, IN PROGRESS, DONE) as shown below.

Once you changed the status of a user story, switch back to the Backlog page. You will see that the related information is automatically updated there.

Exit Exercise

Create a new project named "SE 481 Scrum". It should include at least three epics, ten user stories (with story points and assigned epic), and two sprints. The first Sprint is started, with stories in each of the three states.

Make a screenshot for your Board page and Backlog page respectively and submit them together with your Assignment 2.