AGILE DEVELOPMENT

WITH

JIRA AND GREENHOPPER

CS595(A) - Computer Science Capstone Course

FallArm Project

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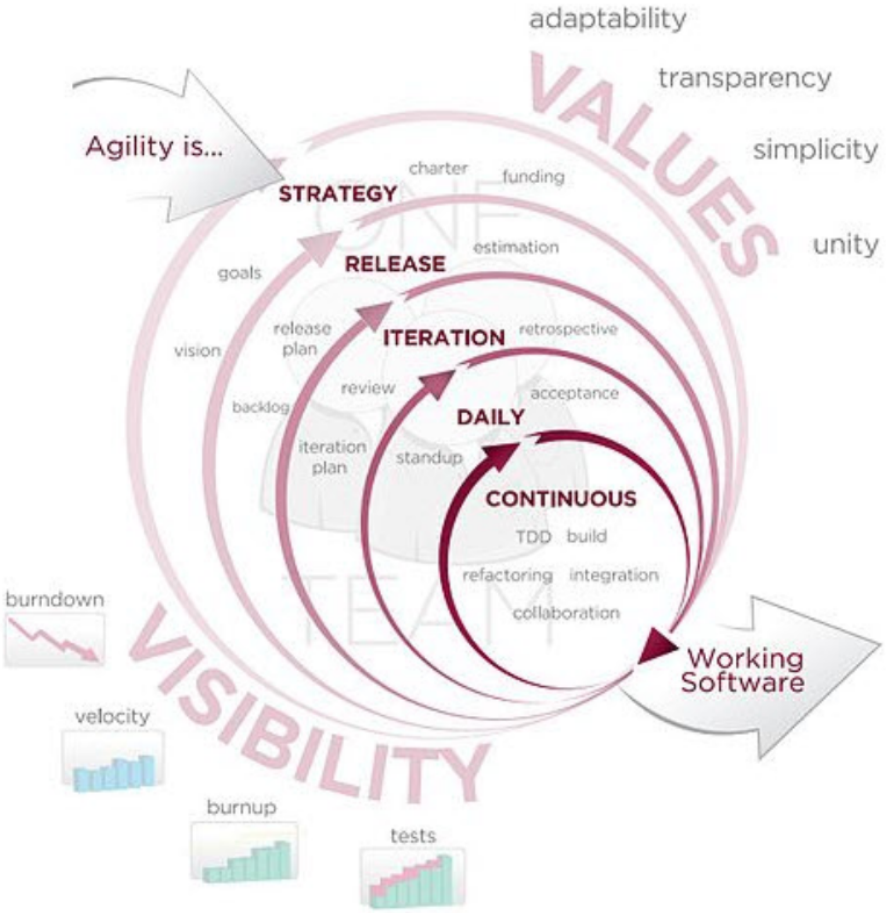
Overview



The Four Phases of Traditional Software Development :

- Requirements
- Architecture and Design
- Development
- Testing, delivery, and feedback

Agile software development:

Agile software development is a group of software development methods in which requirements and solutions evolve through collaboration between self-organizing, cross-functional teams. It promotes adaptive planning, evolutionary development, early delivery,

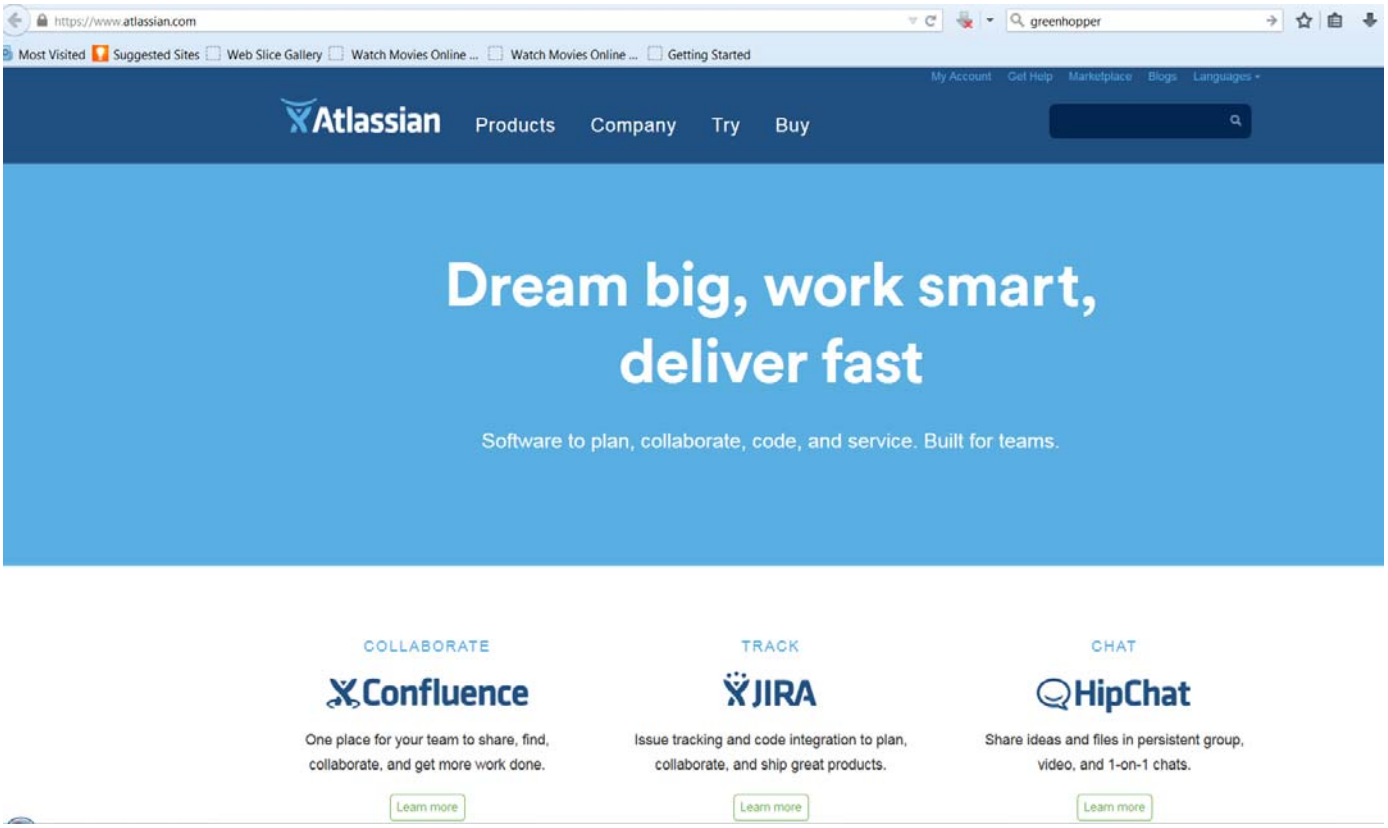
continuous improvement, and encourages rapid and flexible response to change.

JIRA:

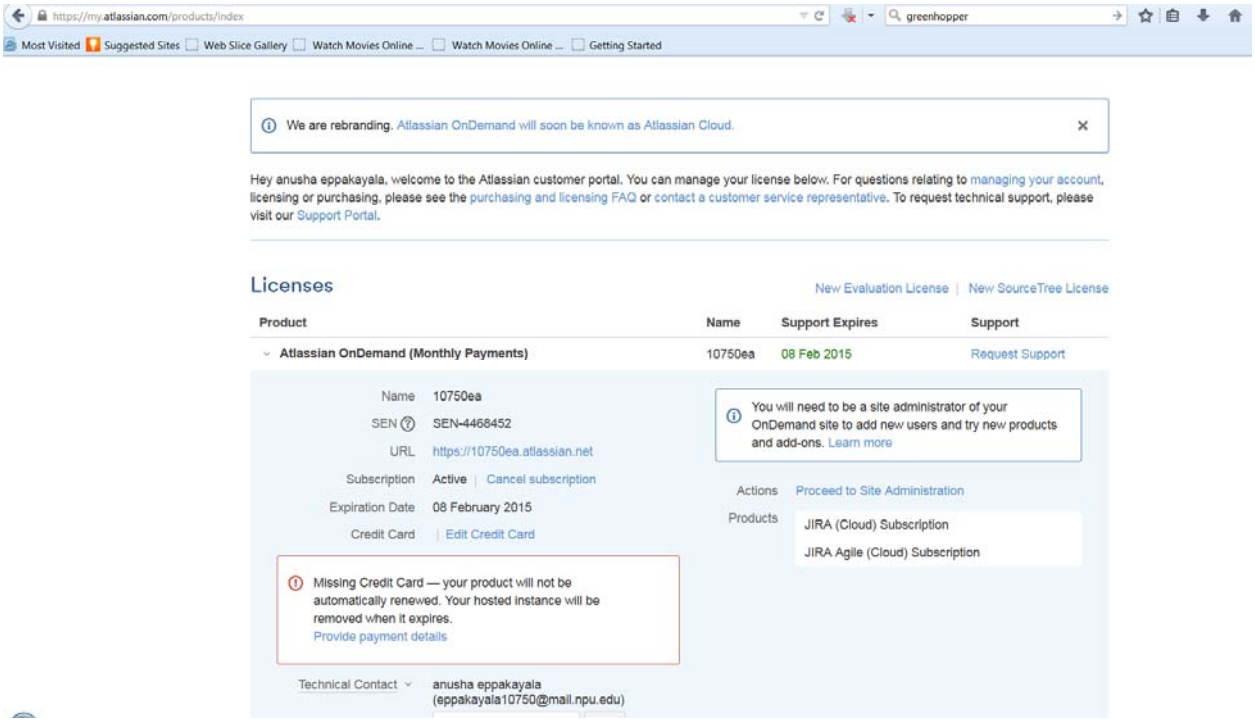
JIRA is the tracker for teams planning and building great products.**JIRA** is a proprietary issue tracking product, developed by Atlassian. It provides bug tracking, issue tracking, and project management functions.

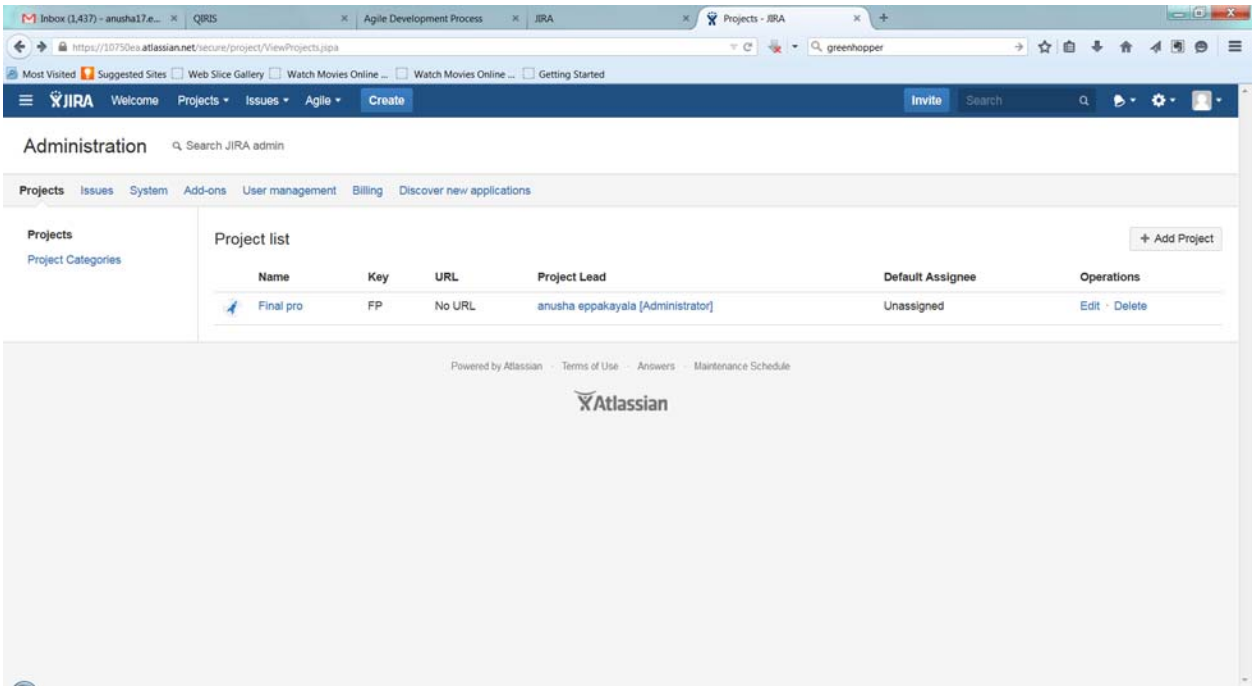
Set up JIRA for Agile software development process:

http://www.atlassian.com/

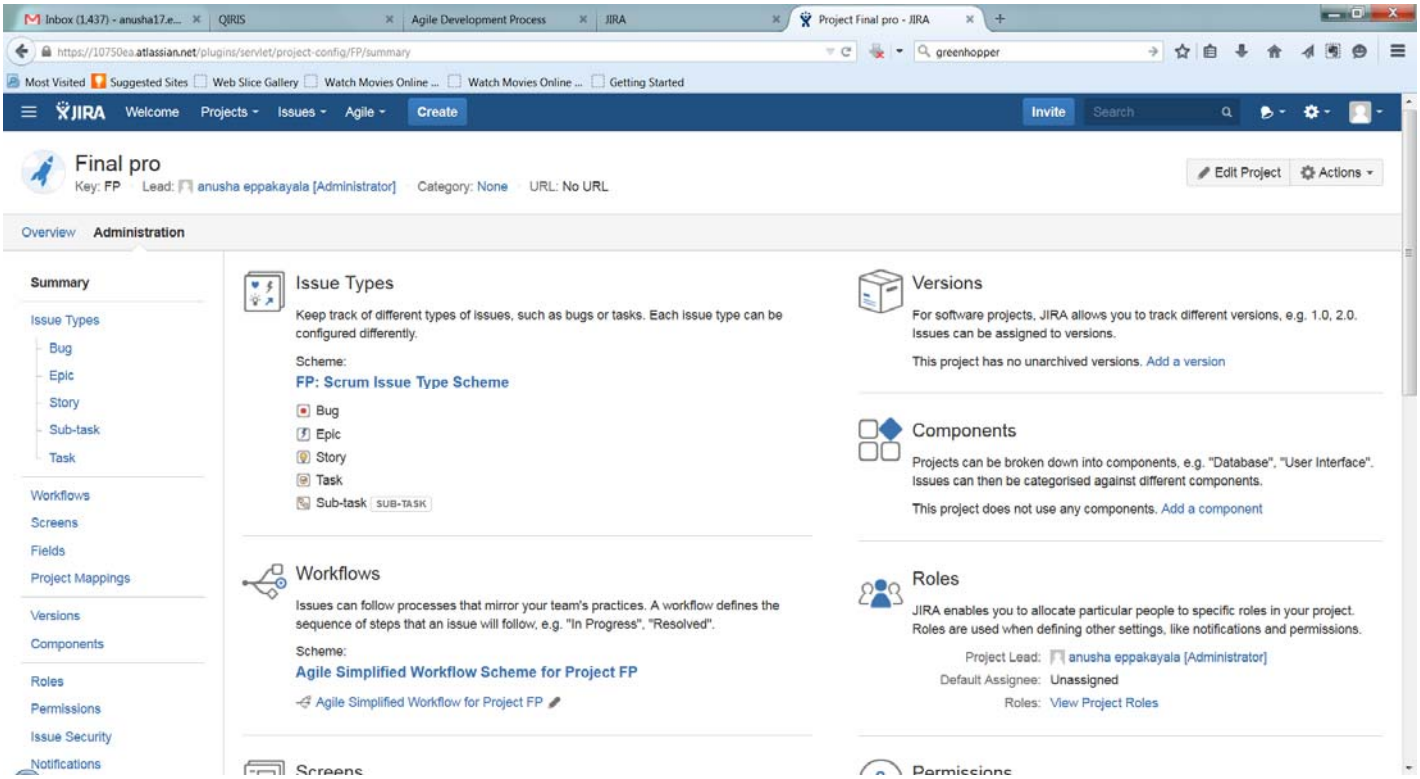


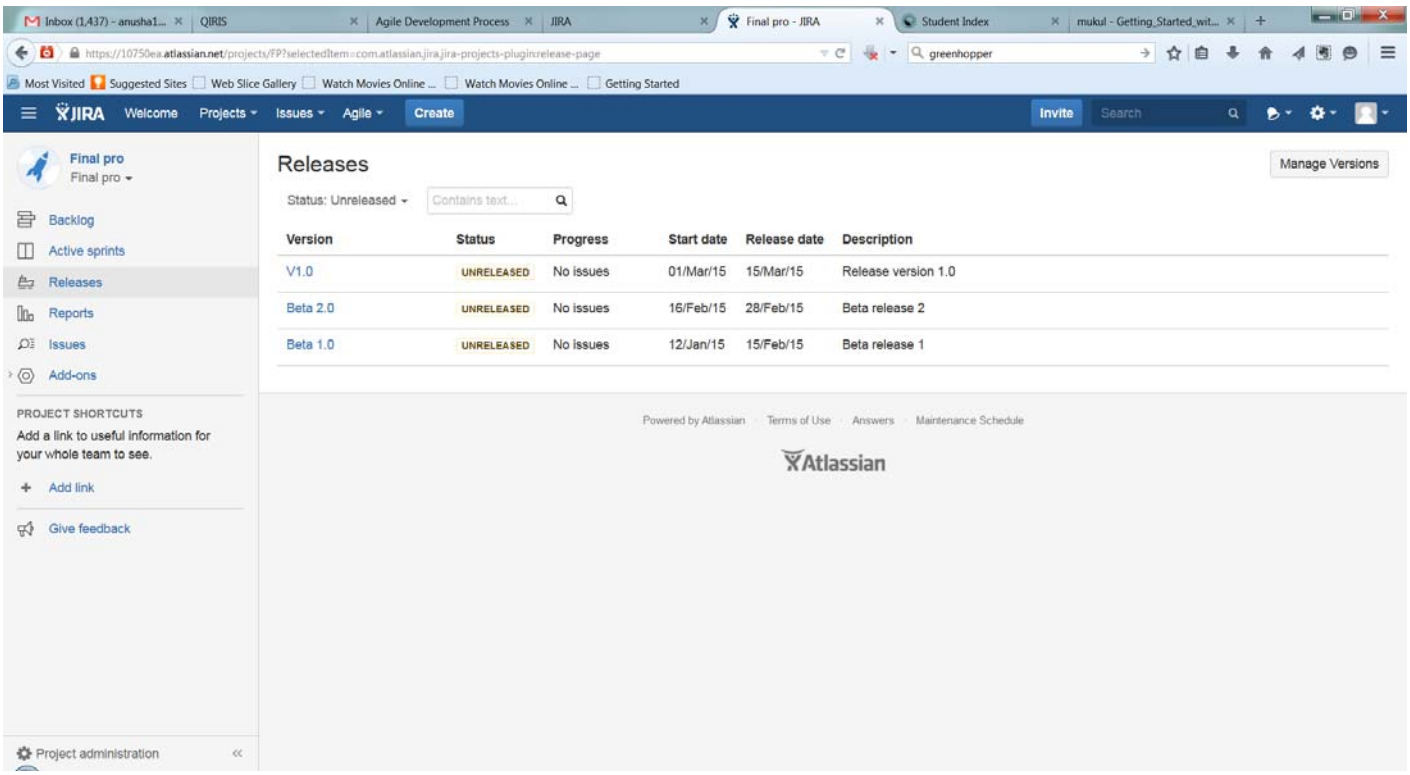
JIRA Configuration:



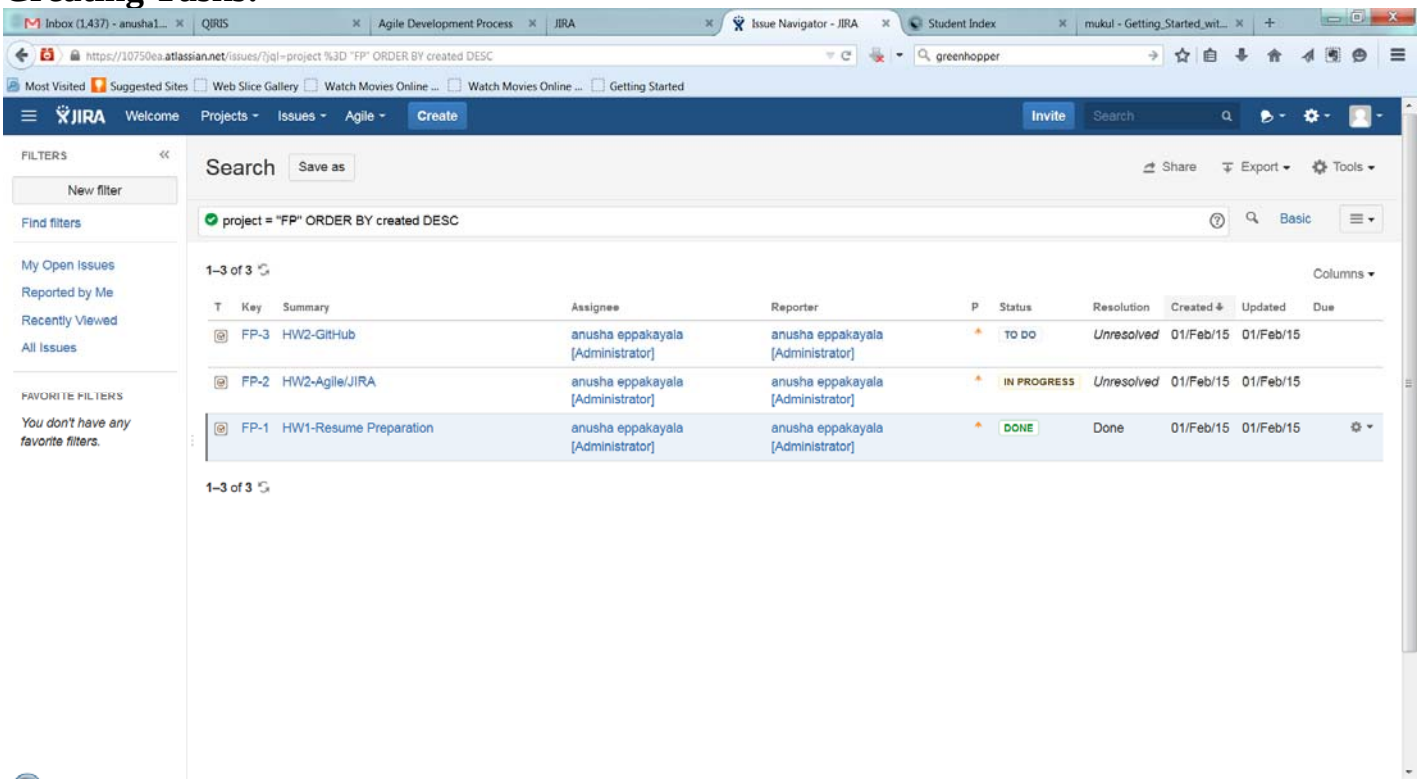


Create Release Versions:

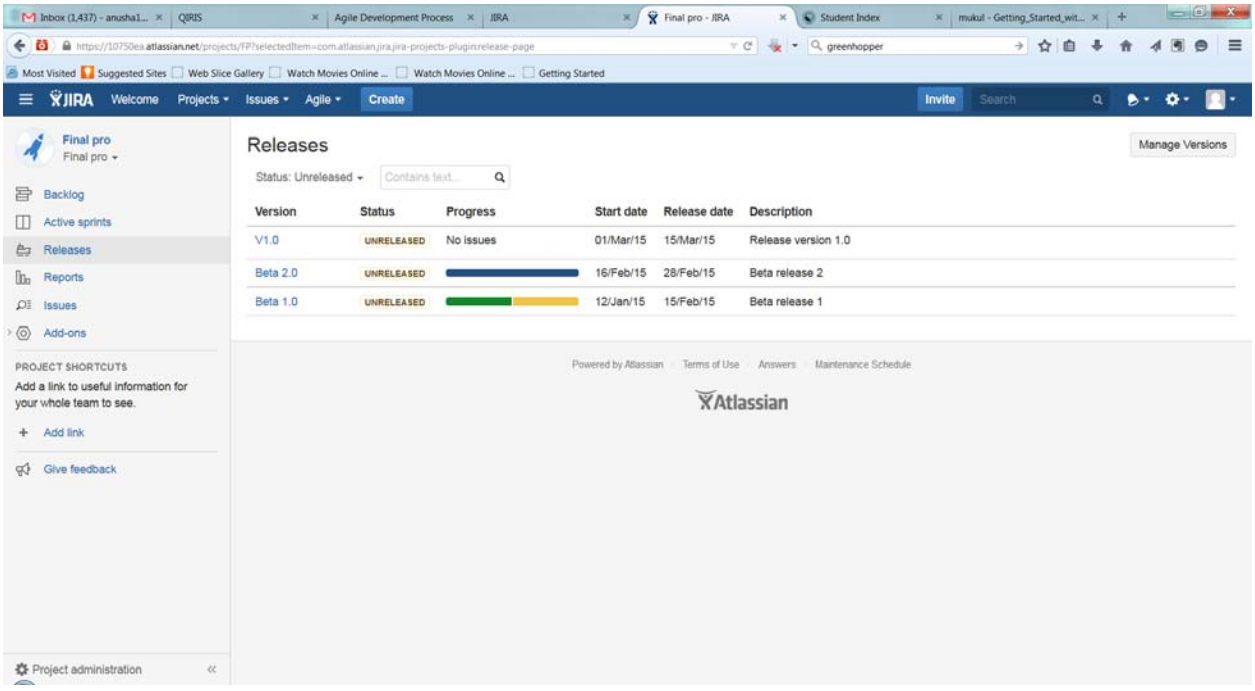




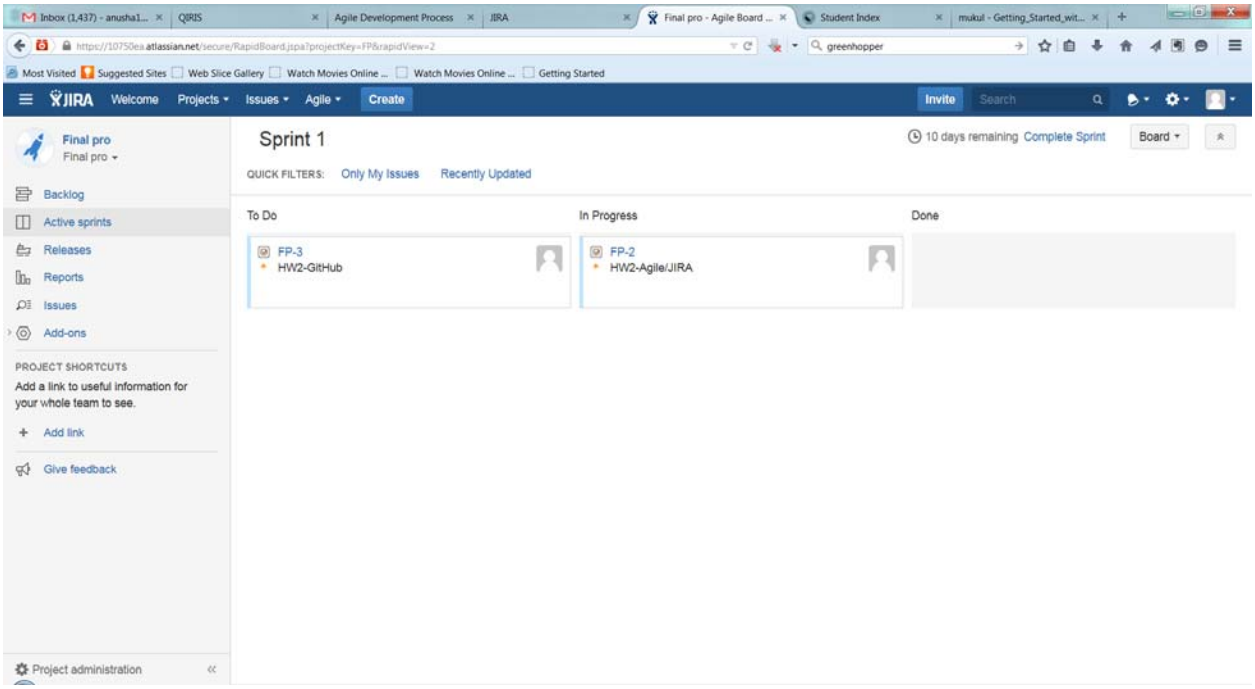
Creating Tasks:



After assigning Versions to Tasks:

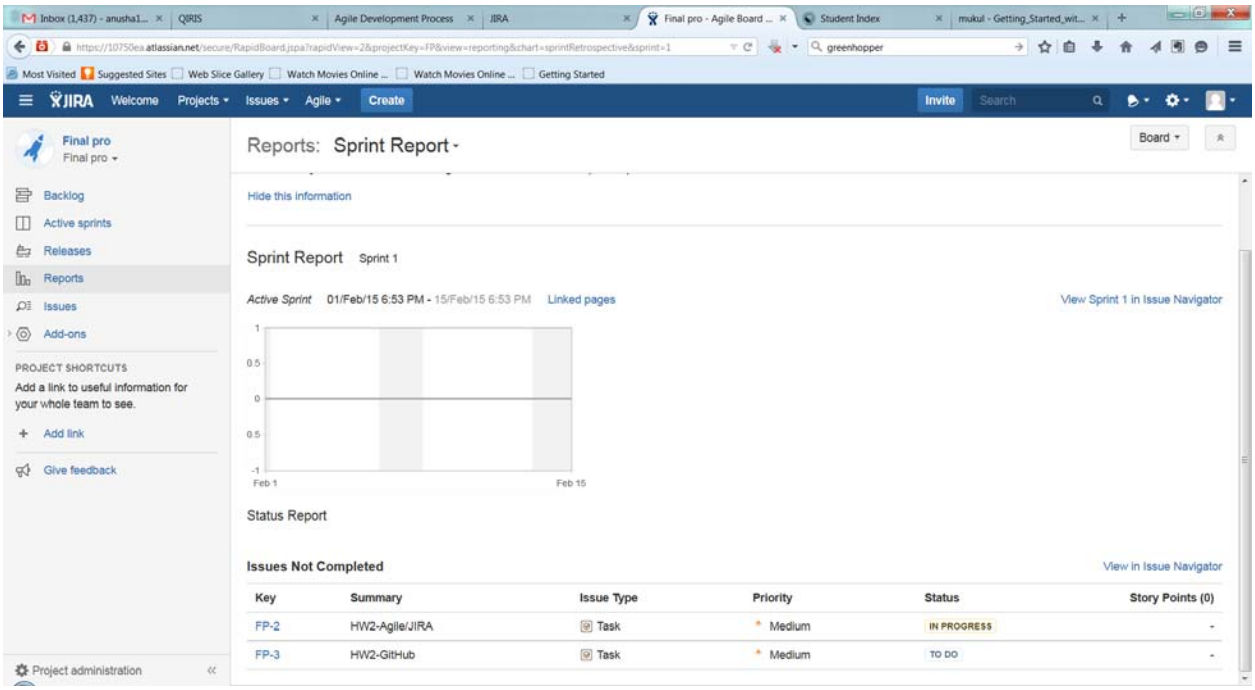


Active Sprints List:

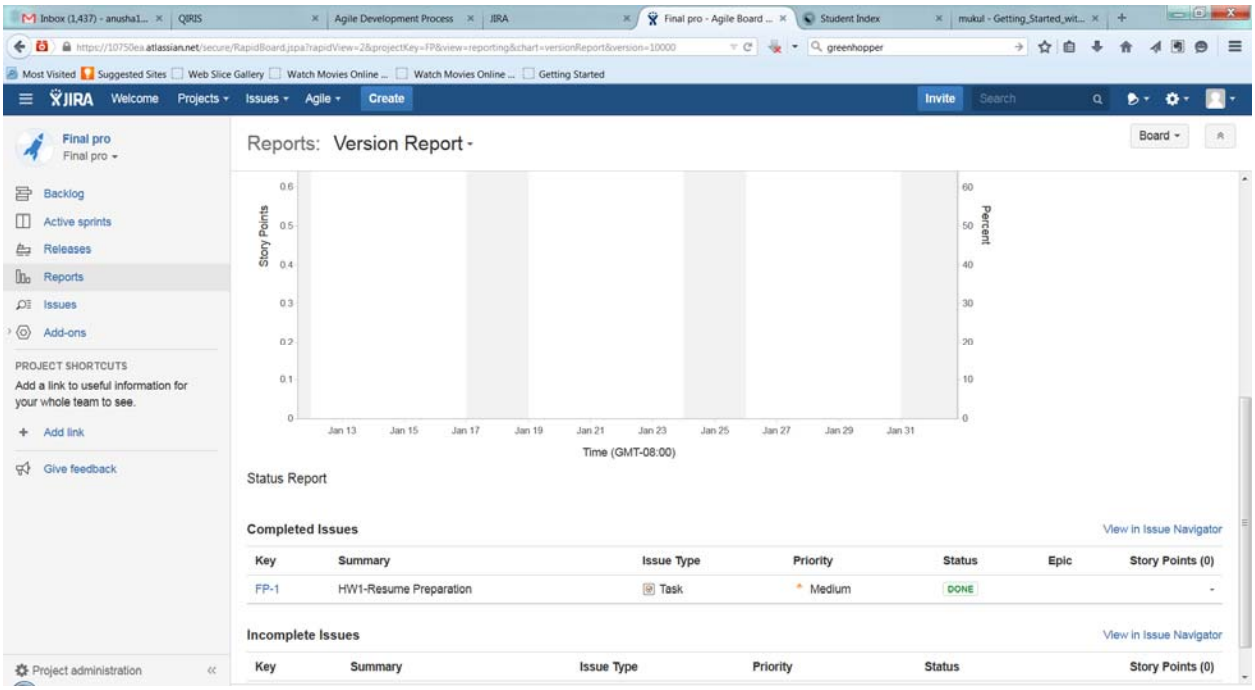


Reports:

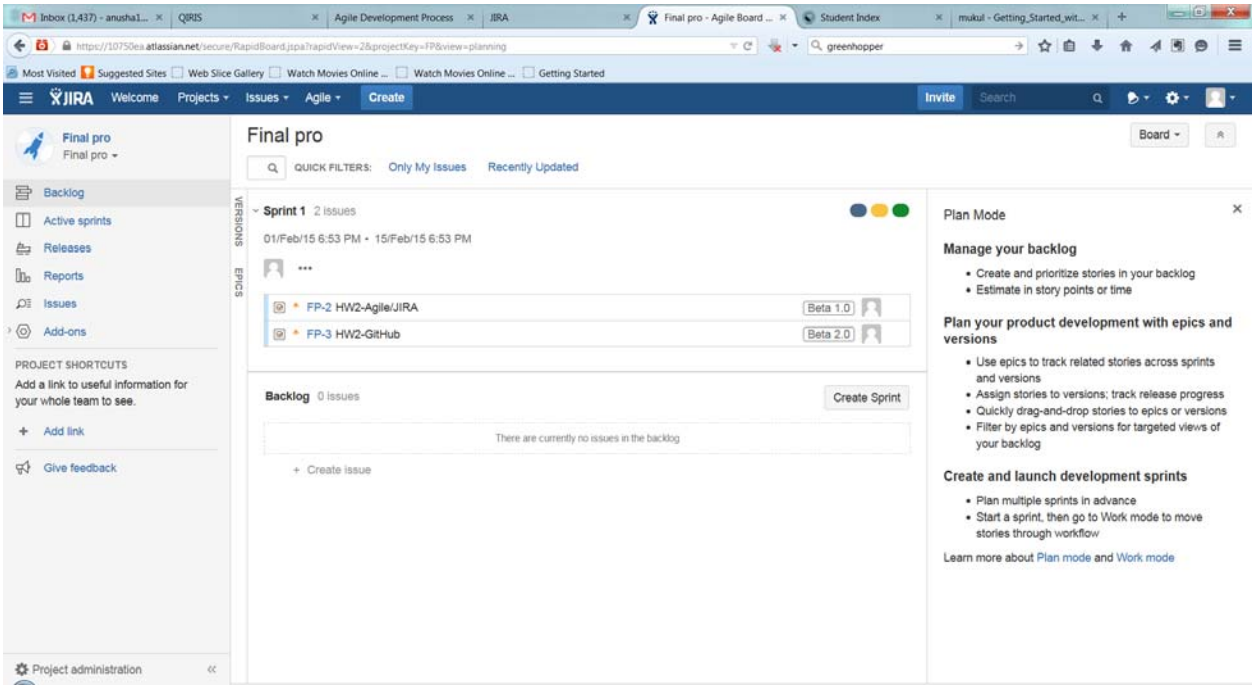
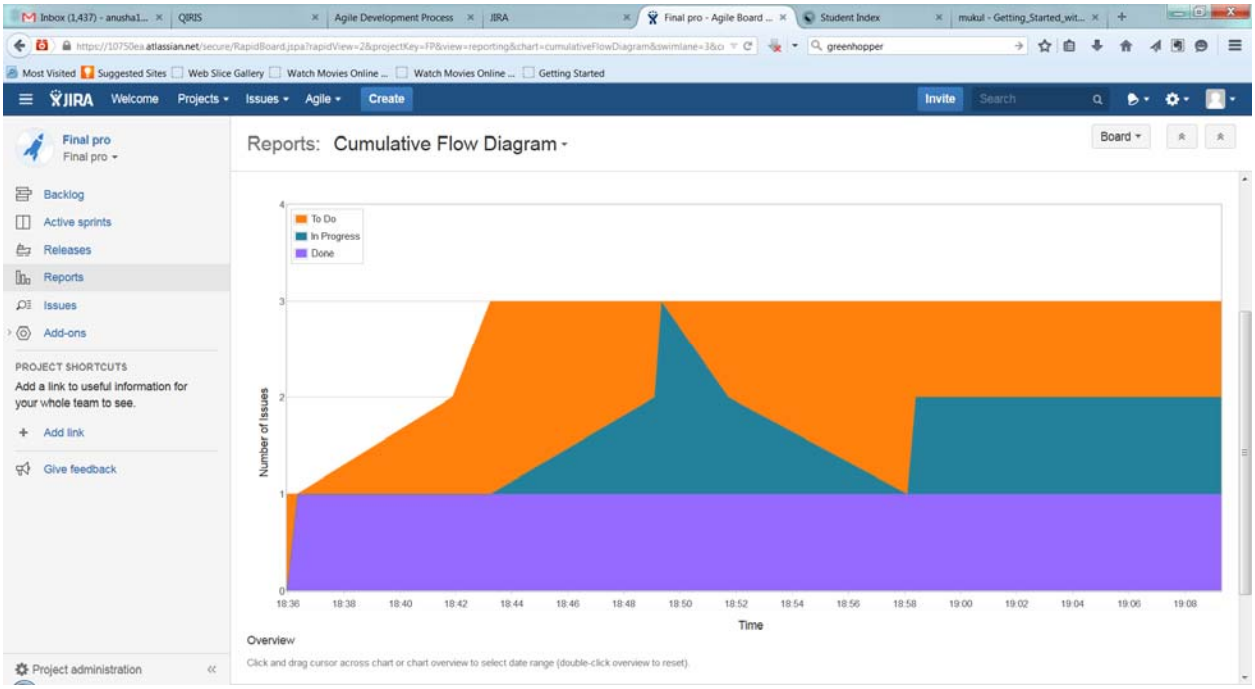
Sprint Report:



Version Report:



Release Burndown:



Cumulative Flow Diagram: