

# Scrum: Planning & Execution

8/9/2022

25 Possible Points

Attempt 1

**IN PROGRESS**

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## Unlimited Attempts Allowed

### Details

In this Assignment, you will be conducting an agile/scrum-based exercise that is centered around your Final Project (i.e., a website build). The deliverable for the Assignment 3 is a slide deck presenting your planning and agile/scrum execution activities (see Slide Details section below).

The following is a guide for building out the Slide Details for this Assignment:

1. Review Final Project requirements.
2. Create a roadmap of high-level features and milestones for the e-commerce website you will create for your Final Project –note: you can also include items beyond the scope of this class (that is, if desired, you can include in your roadmap items beyond the scope of those you plan to build out for your Final Project)
3. Create a list of high and mid-level requirements needed to develop your roadmap features.
4. Add story points to each of the requirements (the higher the story point value, the more difficult/complex the activity).
5. Tag requirements included in your Minimum Viable Product (MVP) (i.e., what are the "must-have" requirements needed to prove your basic e-commerce solution concept).
6. Use an estimated capacity (i.e., # of story points capable of being completed per sprint) to plan a first sprint and to estimate at least a second sprint.
7. Create a Requirements Traceability Matrix (RTM) (i.e., a spreadsheet view of all your information).
8. Create a card view of all your information. Choose an Application Lifecycle Management (ALM) tool with a Scrum/Kanban board feature (e.g., Trello, Asana, Airtable).

Once your plan is complete (that is, once you have completed the 8 steps listed above), you can begin development (i.e., you can start building your website/Final Project) and perform the following Scrum ceremonies:

9. Perform at least two Standups. During each Standup, discuss and record the following:
  - A list of what each group member has completed since your last Standup

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10. Conduct a retrospective towards the end of your work on this Assignment. During the retrospective, discuss and record the following:
- What went well
  - What didn't go well
  - Any lessons learned (e.g., if you had to plan the Final Project again, what would you do differently)

### SUBMISSION FORMAT: Slide Deck

The slide deck should include the following information at a minimum:

#### Slide Details:

1. Introduction (can include an overview of the scope of your project)
2. Present project roadmap
3. Present MVP versus the entire backlog/RTM and explain how the MVP was selected
4. Explain the estimation basis for assigning story points, planned sprints, and identifying the capacity - include the reasoning behind these values
5. Show and explain the length of each sprint, and the planned project completion date based on the initial story points and capacity estimates
6. Present the planned sprint 1 and sprint 2 work - include any details/basis for how this plan was created
7. Take a screenshot of the Scrum/Kanban board showing details of the development plan (e.g., sprint1 versus sprint2, MVP, etc.)
8. Present your Standup notes
9. Present your Retrospective notes

Information too large to fit on a single slide can be presented using multiple slides, referencing an appendix, etc.

The slide deck should be presented in a professional manner - i.e., something you would submit to your boss/supervisor.

This is a group assignment - 4 people per group. **The same group must be used for both this Assignment 3 and the Final Project.** Create your group using the "Final Groups" section in the Canvas People tab (help: search for "final" in the people groups page).

REQUIREMENT	Points
Intro	2.5
Roadmap	2.5



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Timeline	2.5
Sp1 v Sp2	2.5
Scrum/Kanban Board	2.5
Standup Notes	2.5
Retrospective Notes	2.5
Subjective*	2.5
TOTAL	25

Keep in mind, this submission will count for everyone in your Final Groups group.

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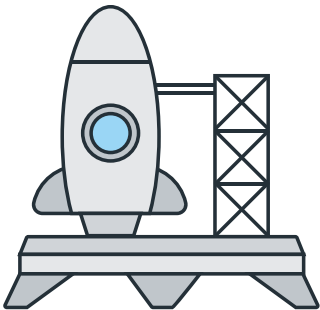
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