

Project Story:

The Agile Software Company has hired you to lead an Agile project that is mid-stream. The previous Agile Lead knew how to 'talk the talk' but couldn't 'walk the walk.' Instead of being a servant leader, the last Agile Lead directed people to do the work, telling every team member exactly how the work would be done. The previous Agile Lead didn't show anyone else the metrics, violating multiple agile concepts regarding transparency and openness.

The team requires clarity and direction. The Agile Software Company decided to hire you, a recently credentialed student from Udacity, to take over the project and lead it to completion.

- Management wants to know when the project will be done and ready to be used by the Customer.
- The team needs to understand why they are doing what they are doing.
- The Customer wants to know when they can get their hands on the MVP (minimum viable product).

Using your skills acquired by Udacity in the Agile Nanodegree, you know how formidable the challenge is, but you are confident you can tackle the problem and lead the team to success! Use acquired skills to know that metrics are the key to determining when things will be done, and you know that delegating to the lowest possible level (the team) is the way to empower success. You quickly dive into the metrics to determine what has been planned and completed. Next, you start to 'build the picture' of the project. The picture helps Management have confidence that the project will be transparently completed on time and budget.

PROJECT BACKGROUND

The Agile Software Company has determined that a new website needs to be created, enabling the software that other teams are building to be made and sold to customers. The current website was designed years ago and doesn't take advantage of modular design, containerization, and cloud technologies. To facilitate that, one of the Agile teams has self-selected to create the website, and that team is your team. The team considers themselves the *super-stars* of the company and has no shame about sharing that opinion. The

team has been calling themselves "[The A-Team](#)" based on a 1980's TV show and movie reboot of the same name.

Management has determined that they can afford six(6) sprints of 2-weeks in length for 12 weeks of development time. After 12 weeks, The Agile Software Company will release a beta (near-production quality) version of the updated website so that customers can preview the changes and see how it will work versus the old and clunky website previously used. The team has suggested that a canary rollout strategy be used, meaning that 10% of the customers will be automatically directed to the new website at launch. In comparison, the other 90% of customers will be prompted to choose to use the old site (default) versus trying the new website. Once the canary deployment strategy is deployed, Management will review the results and determine if the full rollout will continue.

Where you come in

After selecting the Product Owner (PO) for the project, the team was formed via self-identification to ensure that everyone working on the project was voluntarily there. The PO interviewed Management, select Customers, and worked with the Development Team to determine what needed to be done to successfully deploy the new and updated website, resulting in over twenty(20) user stories that needed to be done.

Once the stories were identified and vetted with the appropriate parties, the PO then 'racked and stacked' the User Stories by prioritization using a numerical ranking from one(1) as the highest priority and the last User Story # as the lowest priority. Next, during the backlog refinement session, the Team, PO, and the ScrumMaster (SM) went through the stories to ensure everything was refined, clear, and concise. Then the Team members (and only the Team members) used the Scrum methodology to place story points with each User Story. The Fibonacci story point system was used, and the team determined that no user story could be more significant than thirteen(13) points and still be completed in a single sprint.

An overall roadmap was laid out that lasted all six(6) sprints, a vision was discussed, and Sprint 1 began three weeks ago.

What has been done already:

- The vision was determined yet not formally written down.

- A Project Owner (PO), Scrum Master (SM), and Team were selected.
- The PO interviewed the correct people to determine stories that needed to be complete for an MVP.
- The team reviewed all the user stories in the Backlog Refinement session.
- The team placed story point estimates for all User Stories.### What You Need to Do
- Create a Written Vision Statement
- Layout the Roadmap for all six(6) sprints
- Create metrics that show the project status, including:
- Create Burn-Down charts
- Create Burn-Up charts
- Create Committed vs. Delivered charts