1. Do a **spike** to learn about task management systems (as least two), then talk about your results here. From now onward, you'll need to use a task management system to keep track of your implementation tasks.
   * State which task management systems you investigated (at least two)
   * State at least one advantage and one disadvantage of each system
   * State which system you're thinking of using and why

Jira :

Advantage:

Tools were established around the Agile system for project management, so the UI is simple and easy to follow once you’re familiar with Agile

Disadvantage:

To someone that is unfamiliar with Agile the UI seems esoteric and it will take time to become familiar with the system before you begin to effectively learn and use the software well.

Monday.com –

Advantage:

Monday.com has a ton of built in metric tools and data visualization that can help in identifying bottlenecks or trouble spots.

Disadvantage:

Monday has a ton of built in features to aid in project creation but the whole process seems daunting right now. There are so many tiles and customization options that can be added that I’m not even sure where to begin (after watching he where to begin video). I think it can be a very effective tool but it will require some tinkering.

I’m choosing Jira for several reasons, I read through Monday.com’s privacy policy and I have some concerns with their use of “User data”. In the example video provided through their introduction tool, user and company data was thrown into a database in order to create an IT ticket system, and now all that information is captured by Monday.com. Weather or not the data is used to their advantage will take some more investigation into their policy, but it as at least a concern for now. I also like the simplicity of Jira, and their integration of Agile. Lastly a purely personal reason, my current employer uses Jira (of which I have no experience in) so I would like to get some practice!

Name: Generate List of highest rated toys by Client input  
Actor: Client – Sales team member  
Identifier: LG-001  
Flow:

1. Client opens Desktop app from their work computer
2. Client chooses ‘toy’ from a list of items
3. Client chooses a ‘category’ from a list of categories
4. Client specifies number of toys to output by typing
5. Client presses ‘generate’ button
6. Software generates results
7. Software displays output on GUI

Name: Generate List of highest rated toys using CSV  
Actor: Client – Sales team member  
Identifier: LG-002  
Flow:

1. Client opens Desktop app from their work computer
2. Client uploads CSV where headers contain correct info per software docu
3. Client presses ‘generate’ button
4. Software generates results
5. Software creates output.csv

Software outputs output.csv to same directory as input.csv

1. Create a **formal use case** describing how your client's Sprint 3 feature will work
   * Post it here
2. Create a **UML sequence diagram** for the use case you made
   * Post it here