

Iteration 1 Report

Group #5

For iteration #1, the team mainly researched Ruby on Rails with React to get a better understanding of the languages we will use for the product. Setting up the development environment and installing all required frameworks and applications were relatively straightforward. Our team seems to be cooperating well so far (“forming” stage at this point) and a lot of things get done quickly at our meetings. On the opposite side of things, we left little room for error as we cut it close to the deadlines. A lot of revisions were left hastily as a result, and in future iterations the group should try to finish documentation a day or two beforehand. We also have ideas that appear to be more complex surrounding the interactions between data models.

Many of the risks that normal projects encounter (employee turnover, limited budget, etc.) were easily not a problem for this project. Mismanaged scheduling and poor productivity were risks that were missed during this iteration. Future risks that we will have to assess for this project are increased requirements, decreased productivity due to conflicts, and poorly estimating effort for certain tasks.

The good:

- Requirements of the project seem to be well understood by group members
- Setting up ruby/rails environments went relatively smoothly
- All tasks and documentation completed
- Meetings were mostly productive
- Team members work together well
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The Bad:

- Though requirements are understood, implementation details remain unrefined
- Documents got completed but cut it really close to the deadlines
- Interactions between data models may be more complicated than it appears at surface level
- Most forward momentum of the project was during meetings (not a ton was done outside of them)

Future improvement:

- Try to increase the amount of research that occurs outside of meetings. Bring more talking points to meetings so that they can go faster or solutions more easily found
- Try to get documentation done at least a day prior to the deadline (not a race to finish and leaves opportunity to revise it prior to submission)