Agility

Github: https://github.com/myersc7/seniorproject

Slack: <https://rsptscrum.slack.com>

Scrum Master: Matthew Newman

Team: Matthew Greco, Chris Myers, Stephen Canzanese, Jerico Alcon

Project Description

Our Project, Agility, will be a web based application designed to assist anyone using the Scrum methodology. Sites like Trello are currently being used but they are not designed specifically for Agile. Each user will have a personal account where they can manage multiple projects and invite others to manage a project with them. Within each project a user will be able to manage all their user stories, organize their sprints, create burn-up charts and sprint review reports, as well as anything else that could assist them in keeping true to the Agile methodology.

Project Goals:

The main goal for this project is to create a web application that will help scrum teams, from any company, efficiently plan and track the work on their projects with an easy-to-use interface designed specifically for an agile methodology. With *Agility*, anyone should be able to use what we build as a cost-effective solution that will help them better organize their projects. As we develop the project, we hope to learn how to develop a web-based application, and to learn more about the tools required to do so. Also, by building this application, we hope to learn more about scrum and the agile methodology in general, since it is becoming more commonplace in the real world. Lastly, we hope to learn more about working in a team, and improving our team-building skills that are used in the workforce. Through building this application, we hope to build upon our existing skills, as well as make something others can find useful.

Features:

* Interactive and easy management of projects and sprints
* Able to move product backlog items (PBI’s) between Product Backlog, To-do, In Progress, and Done.
* Quick glimpse of progress of project through burn-up chart
* Sprint page shows lists for PBI to-do, in progress and done as well as navigation to Sprint Retro and review
* Github integration on the project page
* Ability to view team information (names, roles, emails)

Limitations:

* Functionality will be restricted to the Scrum methodology.
* Internet connection will be required; the tool is not intended to be used offline.
* Our team is largely inexperienced in using Amazon Web Services.
* Our team is largely inexperienced in the development of web applications.

Stretch Goals

This project would be great to get done but we would love to implement the following things if possible. A mobile site so that you can use our scrum guide on the move. A live planning poker session to enable the true discussion of Scrum. Role based permissions so that you can make it so that only certain roles can do certain things. For example: only the product owner can add importance or a developer can add difficulty. The ability to auto send Sprint reviews and retros to a manager (or teacher). If by some miracle we still have time we would probably just add small functionality depending on what our testers would say.