Ciri2 Project management

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# Context

Ciri2 is a web application where pc-gamers can assess and compare their pc’s. In this application a pc-gamer can recreate their pc with different part pickers and manage it. They will also be able to share their pc . A PC gamer can then also submit the fps they get for games, other users can then see how a game performs.

# Way of working

For my individual project, I'll be embracing Agile methodologies. Agile offers me the flexibility to swiftly adapt to inevitable changes in the project, particularly as requirements may evolve based on learning outcomes. Employing an iterative approach is crucial, especially since CIRI2 is a web application which will benefit from frequent releases and updates.

Agile practices also facilitate early feedback collection, ensuring that I can incorporate insights gained into subsequent sprints efficiently. Additionally, by adhering to Scrum principles, transparency is maintained throughout the project. This transparency not only allows me to showcase progress to my teacher but also enables me to adjust my plans according to their expectations.

# Project management tools

I have chosen to utilize GitHub Projects and GitHub repositories as integral tools for managing my project for several compelling reasons. Firstly, GitHub Projects provides a user-friendly and visually intuitive platform for organizing and tracking tasks, issues, and milestones throughout the project lifecycle. Its flexible board layout allows me to customize workflows according to Agile principles, facilitating efficient task management and progress monitoring.

Moreover, GitHub repositories serve as centralized hubs for version control, collaboration, and documentation. Leveraging Git's robust version control capabilities, I can seamlessly manage code changes, branches, and merges, ensuring code integrity.

Furthermore, GitHub's integration with a plethora of development tools and services enhances productivity by automating repetitive tasks, integrating with continuous integration/continuous deployment (CI/CD) pipelines, and enabling seamless integration with third-party services for enhanced project management capabilities.

# My GitHub project

I manage the sprint velocity with Story points (Called estimates in github). To manage my github project and progress I have created multiple tabs that show a lot of information about the project and the state of the project/sprint. You can view the project [here](https://github.com/orgs/CIRI2-s6/projects/2/views/2). The tabs that I have made are:

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  Automatisch gegenereerde beschrijvingBacklog: In the backlog tab I keep track of all the userstories and other issues that needs to be worked. You can see a lot of information on this tab. Like the userstories per planned iteration, Status of the userstory, Story points and the priority of the userstory.
* Current iteration Board: In the current iteration board you can see all the tasks that were assigned to this iteration. In this board you can see the status of each of the userstories and tasks.

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* User story acceptance criteria and definition of done:

Each userstory in my project has a defined acceptance criteria and a definition of done. Before a userstory can be completely finished it needs to meet both he acceptance criteria and the definition of done. Down below you can see this for one of the userstories.

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* Graphs

I have also created some graphs to generate insights into the project. There are graphs where you see how much of the project is done, and how many story points get handled each iteration. For example here you can see the amount of story points per iteration:

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