



Attack Flow

Retrospective Sprint 1 of Group AttackFlow 10

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What went well in the sprint?

During our recent sprint, several aspects stood out as particularly successful. Firstly, we convened for two team meetings with full attendance and active participation from all members. It's heartening to witness collective commitment to our objectives. On the technical front, we effectively set up GitHub Projects, which I believe will be instrumental in streamlining our project management tasks. Moreover, we established our GitHub repository for our codebase, laying a strong foundation for our development work. A notable integration was that of Docker, which will assist with local deployments and mitigate platform-specific discrepancies. Additionally, we've begun the design phase of a file viewer and annotation interface for the attackflow. While it's still in its initial stages, I am optimistic about its evolution. In summary, I believe our progress thus far bodes well for the project's trajectory.

What could be improved?

During our recent sprint, there were certain areas that, in reflection, could benefit from improvements. To start, there was a noticeable delay on our part in embracing AttackFlow. While our collective dedication is undeniable, it appears we may have been preoccupied with other facets, causing us to overlook some announcements. It underscores the importance of staying vigilant to updates and being comprehensive in our awareness of the project's trajectory. Additionally, a clearer direction from our client, in this case, the tutor, would be invaluable. I find that detailed instructions and expectations help bridge the gap between theoretical knowledge and practical application. A more thorough understanding of project requirements would undoubtedly aid in optimizing our productivity and ensuring we meet the expected deliverables.

What will the group commit to improve in the next sprint?

In our upcoming sprint, we've identified a few key areas to focus on for improvement. Firstly, we commit to regularly checking the home modules. I understand that consistent engagement with these modules is crucial for staying updated and ensuring the seamless progression of our tasks. Moreover, in light of the challenges we faced regarding clarity on certain aspects, we've decided to proactively approach our tutor. It's our aim to address and clarify any ambiguities surrounding the project's information. By actively seeking more comprehensive details and understanding, we hope to bridge any gaps in our knowledge and improve the quality of our deliverables. By prioritizing these aspects, we aim to enhance our efficiency and productivity in the subsequent sprint.

Comment on your progress this sprint

Reflecting on my progress during this sprint, there were a few milestones I'm particularly proud of. First and foremost, I made it a priority to regularly check our task list, ensuring that I stayed up to date. Additionally, I delved deep into understanding the intricacies of the document annotation flow. This involved getting a grasp on how to handle various file types and ensuring effective coordination when annotations come from multiple users. Despite some challenges, notably occasional ambiguities related to project information, I'm encouraged by the progress I made. I believe that my commitment and proactive approach played a significant role in keeping me aligned with the project's objectives.

Snapshots

I attended the sprint review/planning meeting on 22/08/2023 with the tutor.



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Snapshot Week 4 of Group
AttackFlow 10

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Product Backlog and Task Board

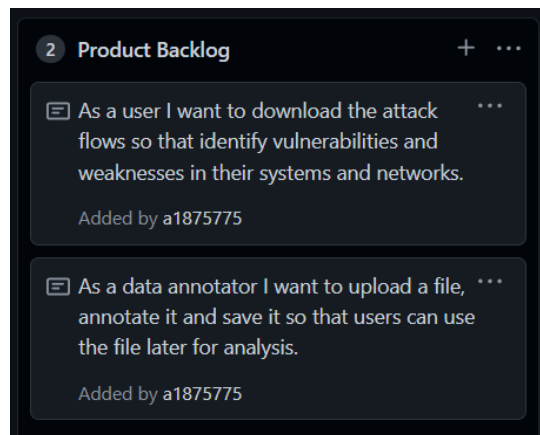


Image 1: Snapshot 1.1 Product Backlog

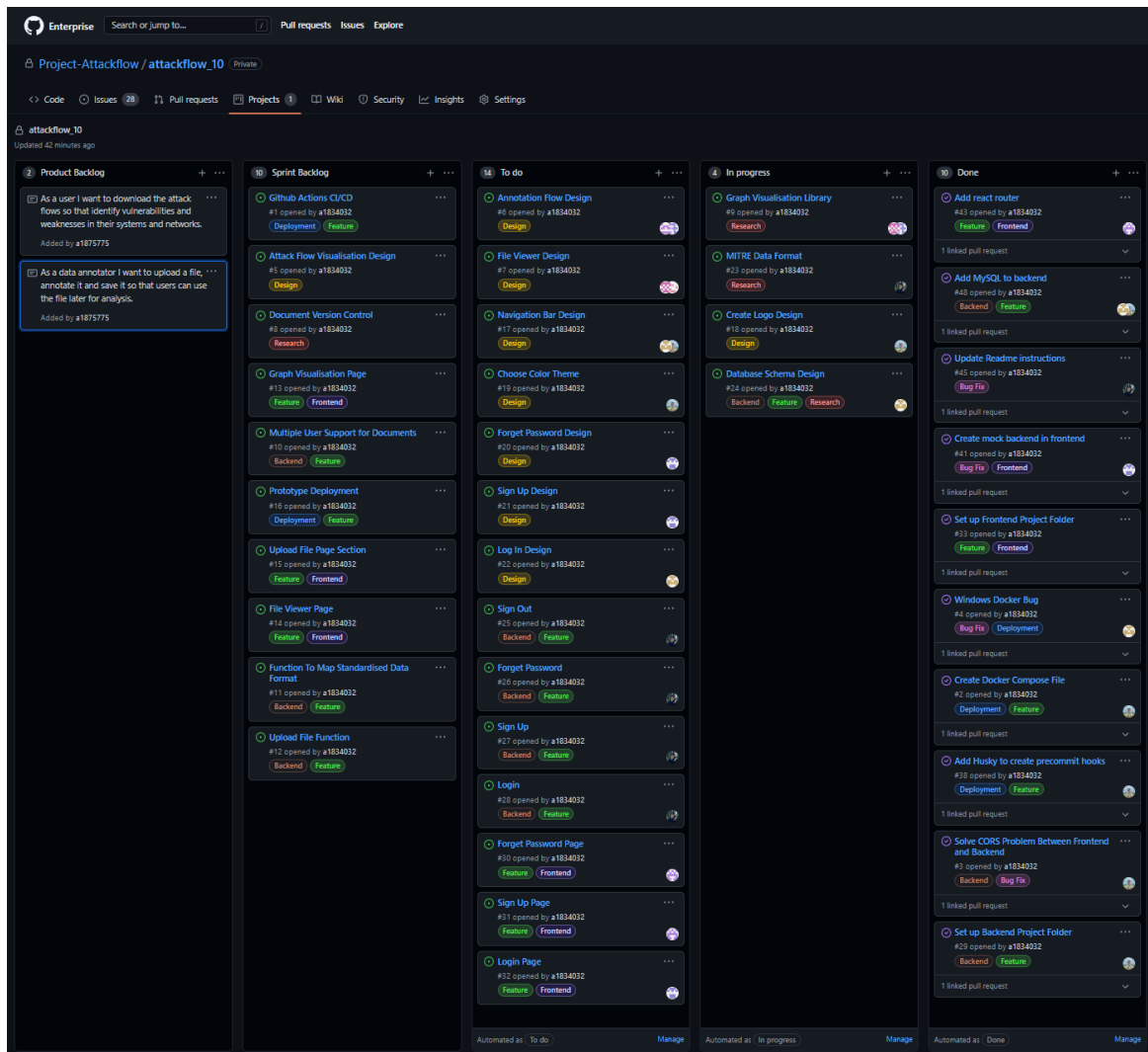


Image 2: Snapshot 1.1 Task Board

Sprint Backlog and User Stories

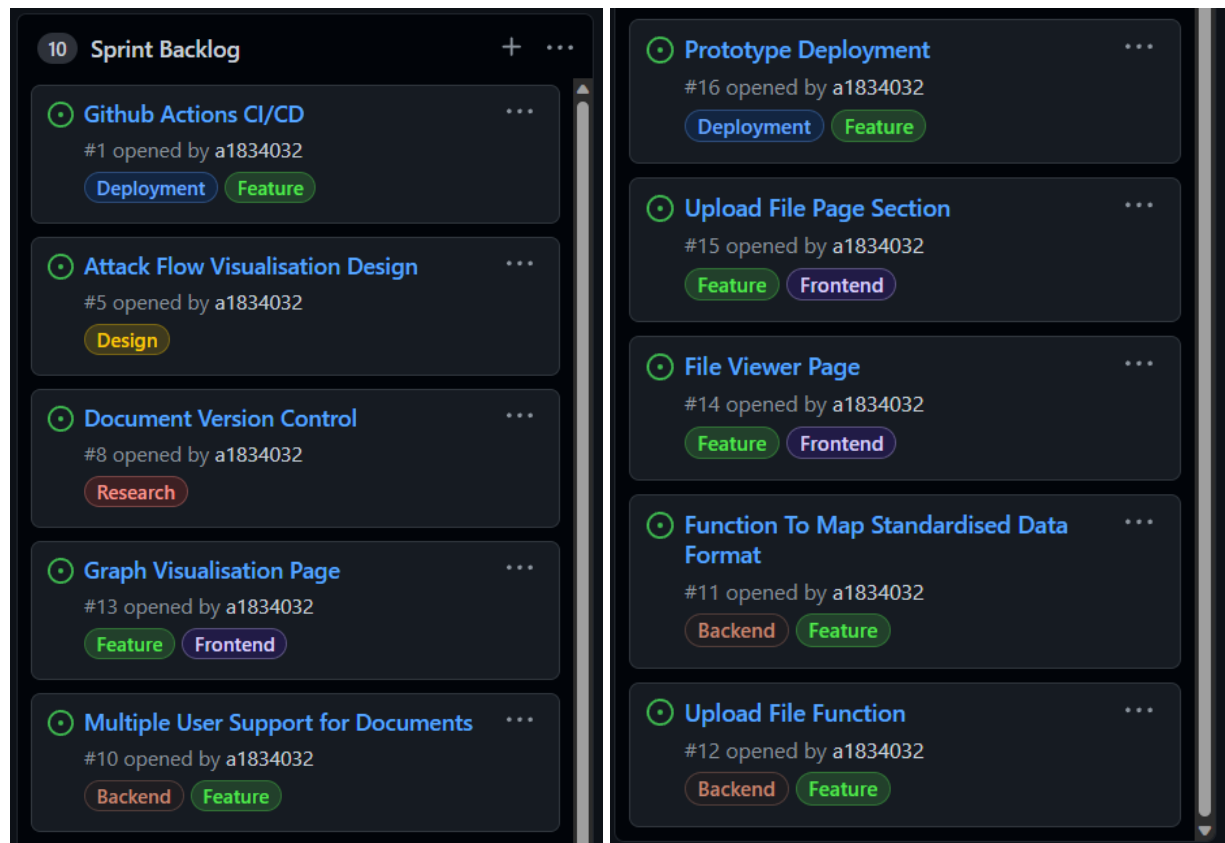


Image 3: Snapshot 1.1 Sprint Backlog

User Stories

1. **As a user I want to download the attack flows so that I can identify vulnerabilities and weaknesses in their systems and networks.**
 - a. Description: The user will be able to download the attackflows after it has been published. This feature enables them to simulate potential attack scenarios and strengthen their defenses for prevention.
 - b. Related tasks include researching on [MITRE Data Format](#) and [backend function to map standardized data format](#).
2. **As a data annotator I want to upload a file, annotate it and save it so that users can use the file later for analysis.**
 - a. Description: The data annotator will be able to create annotations using their cybersecurity knowledge on an uploaded incident report. This feature will create a standardized data format for visualization. Then, users can analyze the visualization and prevent future cyberattacks in their systems.

- b. Related tasks include [setting up the frontend project folder](#), [designing the file viewer after a user uploads the file](#) and [researching on the document version control](#).

Note:

- The user stories are highlighted in **bold** because they are first introduced in this sprint.
- For detailed insights into the Task Board, Product Backlog, and Sprint Backlog, please [click here](#).

Definition of Done

Our definition of done is split into two parts for the first snapshot, which are general goals and specific goals.

General Goals:

- **Testing:** All code has undergone rigorous testing and passes all unit tests.
- **Deployment:** The code is successfully deployed to a staging environment, accessible via a public URL.
- **Code Review:** The code has been reviewed, critiqued, and approved by at least one other developer.
- **Feedback Integration:** All feedback from reviewers has been addressed and incorporated.
- **User Experience:** The website provides a seamless experience on both mobile and web platforms, ensuring easy navigation for users.

Specific Goals:

- **User Registration:** A new user can register using an unused email address without any glitches.
- **User Authentication:** Users can log in using their valid registered email addresses.
- **Password Recovery:** Registered users who forget their passwords have a clear and secure process to reset them.
- **User Logout:** Logged-in users can easily and securely sign out of their accounts.

Summary of Changes

In this first snapshot, our team has started working on the AttackFlow project. Since this is just the beginning, there haven't been any changes or updates yet.