## 

Sprint 1 Review

Oct 4, 2025 - Oct 18, 2025

**PAPILLON**

Kerem ELMA  
 Mehmet ESKİ  
 Sabri Mert PİŞKİN  
 Mete Cem TURAN

## **Overview**

The main goal of this sprint was to research, define, and prepare a formal Project Proposal Report for our BİL495 Graduation Project.

During this sprint, we worked on two main project ideas: **“AI-Driven Cybersecurity Framework for Intelligent Threat Detection and Analysis”** and **“Smart NoteMaker — AI-Based Lecture Note Generator”.** In the most recent meetings, it was decided on “**AI-Driven Cybersecurity Framework for Intelligent Threat Detection and Anaylsis.”.**

The sprint ended with the completion of the proposal document that explains the objectives, scope, challenges, and data sources for both ideas.

| **Meeting Name** | **Date of Meeting** | **Notes** |
| --- | --- | --- |
| Finding and selecting the project topic | 2.10.2025 | [Meeting Notes - Sprint 1](https://docs.google.com/document/u/0/d/1VYmLdpK0Djs7EsMntkh9cI10DpSysfaE/edit) |
| Setting up platforms such as GitHub and Trello | 7.10.2025 | <https://github.com/SabriMertPiskin/Papillon>  <https://trello.com/b/WtLSndob/papillon-project-board> |
| Preparing the project proposal report | 8.10.2025 | [Project Proposal Document](https://docs.google.com/document/u/0/d/1GsWSJum_0m8tXYh2qT4ru946s7Bsoem_EtDlU9-JLGA/edit) |

## **Sprint Board**

| **Title** | **Status (To Do/In Progress/Done)** | **Estimated Story Points** | **Assignee** |
| --- | --- | --- | --- |
| Researching and Defining Project Topics | Done | 5 | Team |
| Project Proposal Draft – Topic 1 (Cybersecurity) | Done | 8 | Team |
| Project Proposal Draft – Topic 2 (Smart Note Generator) | Done | 8 | Team |
| Final Review and Completion of the Proposal | Done | 3 | Team |

## **Sprint Issues**

**Kerem ELMA**

* **Issue:** Contribution to Project Proposal Document
* **Description:** Participated in researching, selecting, and defining the idea of “AI-Driven Cybersecurity Framework for Intelligent Threat Detection and Analysis” idea as detailed in the proposal document.
* **Status:** Completed. No blockers were encountered.

**Mehmet ESKİ**

* **Issue:** Contribution to Project Proposal Document
* **Description:** Participated in researching, selecting, and defining the idea of “Smart NoteMaker — AI-Based Lecture Note Generator” as detailed in the proposal document.
* **Status:** Completed. No blockers were encountered.

**Sabri Mert PİŞKİN**

* **Issue:** Contribution to Project Proposal Document & Project Setup
* **Description:** Participated in researching, selecting, and defining the idea of “Smart NoteMaker — AI-Based Lecture Note Generator” as detailed in the proposal document. Also created the GitHub and Trello environments.
* **Status:** Completed. No blockers were encountered.

**Mete Cem TURAN**

* **Issue:** Contribution to Project Proposal Document
* **Description:** Participated in researching, selecting, and defining the idea of “AI-Driven Cybersecurity Framework for Intelligent Threat Detection and Analysis” idea as detailed in the proposal document.
* **Status:** Completed. No blockers were encountered.

## **Sprint Results**

### **Story Points Completed**

5 + 8 + 8 + 3 = 24 points(Note: Story points were estimated based on the sprint board since they were not originally provided.)

### **Comparison to Previous Sprint**

Since this was the first sprint, there are no previous sprint data for comparison.

## **Next Sprint Preview**

### **Proposed Sprint Goal**

Decide on the final project topic (Cybersecurity or Smart Note Generator) based on the proposal document. Set up the development environment and start working on the initial core functionalities.

### **Backlog Items for Next Sprint**

| **Title** | **Story Points** | **Description** |
| --- | --- | --- |
| **Finalize project topic** | 3 | Discuss as a team and select the main project (Cybersecurity or Smart NoteMaker). Prepare short justification. |
| **Define project architecture and modules** | 5 | Identify main modules (data collection for dataset, model training, visualization, etc.) |
| **Create detailed project plan** | 3 | Set milestones, responsibilities, and timeline in Trello and GitHub Projects. |
| **Set up GitHub repo structure** | 2 | Organize main folders (docs/, datasets/, src/, notebooks/, etc.) and add README explaining repo usage. |
| **Prepare ethical approval & data usage notes** | 2 | Make sure all datasets are open/public; add a short ethics statement. |
| **Draft implementation roadmap** | 3 | Define which parts will be implemented in next term (BİL496) vs. which are conceptual. |
| **Sprint 2 Review & Retrospective** | 2 | Summarize what’s completed, what’s pending, and lessons learned. |

1. **Conclusion**

The sprint ended successfully with the completion of the Project Proposal Document, which was the main goal.

The team collaborated effectively on researching and defining both project topics.

No major issues or blockers were encountered during the sprint.

The next sprint will focus on moving from the planning phase to the development phase.