## 

Sprint 2 Review

Oct 18, 2025 - Nov 1, 2025

**PAPILLON**

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## **Overview**

The main goal of this sprint was to establish a clear foundation for the project by finalizing the overall topic and scope, identifying the core system features and use cases, and creating supporting diagrams such as use case, activity, and context diagrams. These efforts aimed to ensure a shared understanding of the system’s objectives, functionality, and structure before moving into the design and implementation phases.

| **Meeting Name** | **Date of Meeting** | **Notes** |
| --- | --- | --- |
| Deciding on the project topic | 18.10.2025 | [Meeting Notes - Sprint 2](https://docs.google.com/document/u/0/d/1vTNPQkZ5lx-MC-wp8cXNVmTDQ6vlVCLk/edit) |
| Clarifying the user scenarios and scope of the project | 22.10.2025 | [IEEE\_SRS](https://docs.google.com/document/u/0/d/1C_G0Z8xmOOGoDDZTbulNw7rNapm_iBmS/edit)  [IEEE\_PMP\_v1](https://docs.google.com/document/u/0/d/1faza82w0pbEjXEzqX0kWL5wkx2-JODEkZr4qrytBTOU/edit) |
| Preparing the use case, activity and context diagram | 26.10.2025 | [Use Case Diagram](https://drive.google.com/open?id=104cV6GHuNQVyqlOU2mQ1Vpnx6kt8U4Qf)  [Context Diagram](https://drive.google.com/open?id=1t7pAGI-Joivj4dWQoSoekO4jFD2BoGI5)  [Activity Diagram](https://drive.google.com/open?id=1oCzvP7dH0MhRWpXEcU9hfrYAammutkfX) |

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## **Sprint Board**

| **Title** | **Status (To Do/In Progress/Done)** | **Estimated Story Points** | **Assignee** |
| --- | --- | --- | --- |
| **Finalize the project topic** | Done | 3 | Team |
| **Core system features and use cases identification** | Done | 3 | Team |
| **Use case, activity and context diagram** | Done | 2 | Team |
| **Define project architecture and modules** | Done | 5 | Mete Cem TURAN |
| **Create Detailed Project Plan** | Done | 3 | Kerem ELMA |
| **Set up GitHub repo structure** | Done | 2 | Sabri Mert PİŞKİN |
| **Draft implementation roadmap** | Done | 3 | Mehmet ESKİ |
| **Sprint 2 Review & Retrospective** | Done | 2 | Team |

## **Sprint Issues**

Team

* Issue: Finalizing the project topic, defining core system features and use case identifications, creating use case, context and activity diagram
* Status: Completed

Mete Cem Turan

* Issue: Defining project architecture and modules
* Description: The software architecture and modules file was created, the use case diagram was drawn and the first version of the scenarios was created.
* Status: Completed

Kerem Elma

* Issue: Creating detailed project plan
* Description: Prepared a detailed project plan including summary, scope, requirements, architecture, deliverables. Also created the context diagram, rearranged use case scenarios.
* Status: Completed

Mehmet Eski

* Issue: Drafting implementation roadmap
* Description: Prepared and updated the SRS document, created drafting implementation roadmap. Also created an activity diagram.
* Status: Completed

Sabri Mert Pişkin

* Issue: Setting up GitHub repository structure
* Description: Organized the GitHub repository for efficient version control and collaboration. Developed the initial Project Management Plan (PMP) to define our execution strategy. Created the detailed Gantt chart to map out the project timeline and key milestones. Set up the task tracking system
* Status: Completed

## **Sprint Results**

### **Story Points Completed**

3 + 3 + 2 + 5 + 3 + 2 + 3 + 2 = 23 story points are completed

### **Comparison to Previous Sprint**

In the previous sprint, 24 story points were completed. This sprint’s completed story point is 23 points. The slight decrease was expected because this sprint focused more on research, documentation, and defining the system scope rather than deciding on the selection of the project topic.

## **Next Sprint Preview**

### **Proposed Sprint Goal**

Compare candidate technologies and tools, finalize additional functional and non‑functional requirements, and produce a first complete system design with its checklists, design traceability & validation, and integration test scenarios, so the project is ready to move from definition to implementation planning.

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

| **Title** | **Story Points** | **Assignee** |
| --- | --- | --- |
| Comparing Technology and Tools | 8 | Team |
| Additional Requirements Definition | 5 | Team |
| System Designing | 13 | Team |
| Checklists Creation | 3 | Team |
| Design Traceability and Validation | 5 | Team |
| Integration Test Scenarios and Test Planning | 3 | Team |

**6. Conclusion**

This sprint made progress on the project: the team finalized the project theme and scope, identified core features and use cases, and developed use case, activity, and context diagrams. The GitHub repository, detailed project plan, and task tracking are all established, and the implementation roadmap and project architecture are completed for the purposes of this report. Overall 23 story points were completed, an expected small decrease resulting from an emphasis on research, documentation, and system definition. The progress made reduced some uncertainty and will help to quicken the next sprints. Next, the team will compare candidate technologies, finalize additional requirements, and develop a complete design for the system to allow overall implementation planning.