

# Defense Report – First Presentation

## 1. Purpose of the First Defense

The goal of this first defense was to **present our technology choices** and **project organization**, and to collect early feedback to strengthen the foundation of the project.

### Proposed Technologies

- **Flutter** – High productivity, consistent UI across platforms, excellent documentation, fast development, and true cross-platform behavior.
- **React** – Very flexible, large ecosystem, highly scalable, ideal for component-based architecture and long-term maintainability.
- **Go** – Best-in-class performance, lightweight binaries, exceptional concurrency with goroutines, perfect for high-load backends and microservices.
- **PostgreSQL** – Robust, feature-rich, excellent for complex queries and scalable backend architectures.

The evaluator fully understood our technological choices and found them **coherent and justified**.

### Presented Organization

#### Strengths:

- **7-day sprints**
- **GitHub Project Kanban** board
- Use of **milestones** for defense checkpoints
- Tickets **evaluated and prioritized**

#### Weaknesses:

- Ticket descriptions were **too short or incomplete**
- Overall ticket structure requires improvement for clarity and traceability

## 2. Defense Summary

The presentation was clear and well-structured, focusing on:

- Technology selection for mobile, web, backend, and database layers
- Project organization and workflow
- Sprint planning and roadmap

The feedback was **overall very positive**, highlighting a solid understanding of the project. Most remarks were centered around **organizational clarity**, especially ticket documentation.

### 3. Areas for Improvement

To enhance the next defenses and improve project efficiency:

#### Organization & Project Management

- Rewrite ticket descriptions to make them **more detailed and informative**
- Improve task **granularity** by breaking down large tickets
- Clarify the **prioritization logic**

#### Presentation & Technical Justification

- Provide clearer explanations of our **benchmarks**
- Strengthen arguments behind technology choices with **data and comparison metrics**

### 4. Conclusion

The first defense was **overall successful**, with a score of **30/33**.

Despite a few areas needing refinement, the project is built on a **solid foundation**.

We remain **confident moving forward**, provided that we **clarify our organizational structure**, particularly regarding ticket management and technical justification.