**MEETING REPORT 1**

**Team Name: CEN B Group 1 Date of Meeting: 27/04/2025**

**Start Time: 10:00 End Time: 18:00 Meeting Location: Student’s Coffee**

**Moderator: Martin Shameti Recorder: Megi Selimi**

**Other Members Present: Anxhela Kullafi**

**Frenki Zelo**

**Kledisa Collaku**

**Members Absent: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Topics Discussed:**

Today we discussed the overall structure and planning of the Airline Booking System project. We started by analyzing the Executive Summary and Product/Service Description, during which we clarified the scope, objectives, and the stakeholders involved in the system.  
We identified the actors (Passenger, Admin, Tech Support), established key dependencies (e.g., login before booking), and outlined critical constraints such as platform compatibility and secure payment compliance.  
Additionally, we created a preliminary draft of the names of what requirements we will provide, including both functional (e.g., UC-101 to UC-601) and non-functional requirements, organized into product-related (performance, usability), organizational (deployment, DevOps), and external (security, compliance) categories.

**Decisions Made:**

The project will be implemented based on Agile methodology with defined weekly milestones.

Use cases were finalized and categorized; each member will take responsibility for specific UCs.

The final product will support multi-platform access (web + mobile responsive design).

Security measures such as HTTPS, 2FA for admin, and hashed credentials will be enforced.

Docker will be used for containerization, and Git will serve as the version control system.

**Tasks Assigned:**

**Martin Shameti (Moderator):**

Prepared the **Executive Summary**, defining the overall vision, goals, and scope of the project.

Contributed to initial planning decisions, including actor identification, project constraints, and system assumptions.

Led the brainstorming on system architecture and ensured all parts align with the intended direction.

**Megi Selimi (Recorder):**

Took detailed notes during the meeting and helped coordinate the document structure.

Responsible for drafting the **Functional Requirements**, ensuring every core functionality of the system is clearly captured and described.

Contributed to clarifying system dependencies and preconditions for major functions.

**Kledisa Collaku:**

Focused on formulating the **Non-Functional Requirements**, particularly ensuring system usability, performance benchmarks, and maintainability standards.

Helped structure how these requirements align with user expectations and technical constraints.

**Frenki Zelo:**

Assigned to complete the **Product Requirements** section, including technical aspects like UI responsiveness, browser compatibility, and backend efficiency goals.

Also contributed to defining constraints related to platform hosting, system performance, and logging mechanisms.

**Anxhela Kullafi:**

Worked on the **Organizational and External Requirements**, including deployment conditions, operational needs, GDPR compliance, and ethical considerations.

Summarized all legal, security, and regulatory expectations relevant to system functionality.

**Time, Place, and Agenda for Next Meeting:**

Epoka University, 03/05/2025

**MEETING REPORT 2**

**Team Name: CEN B Group 1 Date of Meeting: 03/05/2025**

**Start Time: 10:00 End Time: 18:00 Meeting Location: Student’s Coffee**

**Moderator: Megi Selimi Recorder: Frenki Zelo**

**Other Members Present: Anxhela Kullafi**

**Martin Shameti**

**Kledisa Collaku**

**Members Absent: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Topics Discussed:**

Completing and finalizing the USE CASE Diagram.Division and allocation of all system use cases (UCs) among team members.

Clarified scope and functionality for each assigned UC to ensure consistency and eliminate overlap.

Created complete Use Case tables for all UCs, including ID, Name, Summary, Actors, Preconditions, Main and Alternative Sequences, Postconditions, and Non-functional requirements.

Verified alignment between UC documentation and previously drafted requirements (functional & non-functional).

Ensured each UC is structured uniformly, following the established template format.

**Decisions Made:**

Every team member is now responsible for both the documentation and implementation of their assigned UCs.

All UCs must follow the same structure to ensure integration into the final specification document.

Reviewed and locked the UC numbering system (e.g., UC-001 to UC-601) and assigned authorship.

Agreed to begin translating use cases into sequence diagrams in the next session.

Final use case tables will be appended in the appendix of the SRS (Software Requirements Specification).

**Tasks Assigned:**

**All: Use Case Diagram**

Megi Selimi: Finalized use case tables for UC-001, UC-101, and UC-201.

Martin Shameti: Completed UC-002, UC-302, and UC-501

Kledisa Collaku: Documented UC-102, UC-103, and UC-503.

Frenki Zelo: Finalized UC-301, UC-401, and UC-505.

Anxhela Kullafi: Prepared complete tables for UC-502, UC-504, and UC-601.

**Time, Place, and Agenda for Next Meeting:**

Nela, 17/05/2025

**MEETING REPORT 3**

**Team Name: CEN B Group 1 Date of Meeting: 17/05/2025**

**Start Time: 10:00 End Time: 18:00 Meeting Location: Student’s Coffee**

**Moderator: Anxhela Kullafi Recorder: Kledisa Collaku**

**Other Members Present: Megi Selimi**

**Frenki Zelo**

**Martin Shameti**

**Members Absent: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Topics Discussed:**

Completion of activity diagrams corresponding to each documented Use Case (UC).

Discussion on visual clarity, logical flow, and correct representation of preconditions, decision points, and parallel actions.

Validation of consistency between activity diagrams and the finalized UC tabular descriptions.

Identification of shared patterns across diagrams (e.g., login flows, payment validation) to ensure reuse and cohesion.

Planning for next steps: development of sequence diagrams and UI mockups.

**Decisions Made:**

All use cases will now include an attached activity diagram as part of the Software Requirements Specification (SRS).

Diagram symbols and layout will follow UML conventions to ensure clarity and standardization.

Shared subprocesses (e.g., authentication, booking confirmation) will be referenced where possible to avoid redundancy.

Each team member is responsible for refining their diagrams based on feedback before integrating them into the documentation.

**Tasks Assigned:**

Megi Selimi: Created and finalized activity diagrams for UC-001, UC-101, and UC-201.

Martin Shameti: Designed activity diagrams for UC-002, UC-302, and UC-501.

Kledisa Collaku: Completed activity diagrams for UC-102, UC-103, and UC-503.

Frenki Zelo: Prepared activity diagrams for UC-301, UC-401, and UC-505.

Anxhela Kullafi: Finalized activity diagrams for UC-502, UC-504, and UC-601.

**Time, Place, and Agenda for Next Meeting:**

Epoka University, 23/05/2025

**MEETING REPORT 4**

**Team Name: CEN B Group 1 Date of Meeting: 23-24-25/05/2025**

**Start Time: 10:00 End Time: 18:00 Meeting Location: Epoka University**

**Moderator: Kledisa Collaku Recorder: Frenki Zelo**

**Other Members Present: Megi Selimi**

**Anxhela Kullafi**

**Martin Shameti**

**Members Absent: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Topics Discussed:**

Finalization of all Sequence Diagrams, one for each previously completed Use Case (UC), ensuring accurate representation of object interaction and message flow.

Completion of core architectural diagrams:

Entity-Relationship Diagram (ERD) – focusing on data structure and relational integrity.

Class Diagram – highlighting system structure and object-oriented modeling.

Component Diagram – depicting system modules, interfaces, and deployment context.

Ensured consistency and traceability between the UC tables, activity diagrams, and newly created sequence diagrams.

Began preliminary integration of all diagrams into the unified project documentation.

**Decisions Made:**

Each team member is accountable for the sequence diagrams of the UCs they previously authored.

All diagrams will be formatted uniformly (UML standard) and embedded within the final SRS appendix.

ERD and Class Diagrams will be used to guide database schema and object design respectively.

Component diagram will inform deployment and modularization strategies.

The team will move forward with wireframing and interface design in the next session.

**Tasks Assigned:**

Megi Selimi:

Created sequence diagrams for UC-001, UC-101, and UC-201.

Co-designed the Entity-Relationship Diagram (ERD).

Co-developed the Class Diagram structure.

Martin Shameti:

Completed sequence diagrams for UC-002, UC-302, and UC-501.

Co-authored the Class Diagram with Megi.

Reviewed inter-module relationships and object interactions.

Kledisa Collaku:

Finalized sequence diagrams for UC-102, UC-103, and UC-503.

Co-designed the Entity-Relationship Diagram (ERD) with Megi.

Cross-validated data relationships with use case scenarios.

Frenki Zelo:

Built sequence diagrams for UC-301, UC-401, and UC-505.

Co-developed the Component Diagram with Anxhela.

Focused on backend service interaction and payment gateway modules.

Anxhela Kullafi:

Produced sequence diagrams for UC-502, UC-504, and UC-601.

Co-developed the Component Diagram with Frenki.

Ensured accurate depiction of tech support and analytics components.

**Time, Place, and Agenda for Next Meeting:**

Epoka University, 06/06/2025

**MEETING REPORT 5**

**Team Name: CEN B Group 1 Date of Meeting: 06-07-08/06/2025**

**Start Time: 10:00 End Time: 17:00 Meeting Location: Epoka Univeristy**

**Moderator: Anxhela Kullafi Recorder: Martin Shameti**

**Other Members Present: Megi Selimi**

**Frenki Zelo**

**Kledisa Collaku**

**Members Absent: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Topics Discussed:**

Completion of full system implementation, including design, frontend, backend, and database components.

Final integration testing and validation of all functionalities against previously defined use cases and requirements.

Team reviewed UI responsiveness, route handling, form validation, data persistence, and system performance.

Prepared materials for the final presentation, including demo scenarios and documentation structure.

Discussed deployment options and local testing setup across different environments.

**Decisions Made:**

The entire project codebase has been reviewed and finalized for delivery.

All assigned team components are fully functional and integrated into a cohesive web application.

The final code submission will be accompanied by the complete documentation set: UC tables, diagrams, requirement specs, and reports.

Each team member is responsible for ensuring the quality and clarity of their respective modules.

No additional changes will be made unless necessary during professor review or presentation.

**Tasks Assigned:**

Megi Selimi:

Led the database schema development and data model mapping.

Co-developed the overall system design, including architectural layout and logic structure.

Finalized and tested all database interactions, queries, and storage logic.

Martin Shameti:

Co-developed the system design alongside Megi, defining module boundaries and communication flow.

Took a major role in the backend logic, especially for flight booking, user authentication, and API integration.

Supported backend testing and optimization for scalability.

Kledisa Collaku:

Developed key sections of the frontend interface, focusing on user-facing components such as booking forms and search pages.

Ensured UI/UX consistency across different browsers and screen sizes.

Collaborated with Anxhela on styling, form validation, and layout.

Anxhela Kullafi:

Worked on the frontend implementation, handling navigation, user registration/login forms, and interactive components.

Contributed to responsive design and error handling in the user interface.

Assisted in final testing for passenger flows and admin portal views.

Frenki Zelo:

Focused on backend development, implementing core features like payment processing, loyalty logic, and admin tools.

Ensured backend robustness and alignment with security and performance requirements.

Worked with Martin on deployment testing and backend performance tuning.

**MEETING REPORT FINAL**

**Team Name: CEN B Group 1 Date of Meeting: 9-10/06/2025**

**Start Time: 17:00 End Time: 22:00 Meeting Location: Remote via Google Meet**

**Moderator: Megi Selimi Recorder: Martin Shameti**

**Other Members Present: Anxhela Kullafi**

**Frenki Zelo**

**Kledisa Collaku**

**Members Absent: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Topics Discussed:**

Conducted a comprehensive review of all completed deliverables, including documentation, diagrams, and source code.

Ensured each use case (UC-001 to UC-601) had complete tabular documentation, sequence diagrams, and activity diagrams.

Rechecked alignment between requirements (functional and non-functional) and implemented features.

Cross-validated all diagrams (ERD, Class, Component) with system functionality and database structure.

Verified frontend-backend integration, tested user flows, and confirmed deployment readiness.

Finalized project documentation packaging for submission and presentation.

**Decisions Made:**

All documents (requirements spec, UC reports, diagrams, and code) are now finalized and consistent.

Any missing fields or inconsistencies in diagrams were corrected during this session.

UI flows and backend logic were tested to ensure compliance with the original use case goals.

No outstanding technical tasks remain; focus now shifts to presentation and documentation polishing.

A readme/guide will be prepared for smooth demonstration of project functionalities.

**Tasks Completed:**

Use Case Division & Completion: Each team member has completed their assigned UC tables, activity diagrams, and sequence diagrams.

Requirements Documentation: Functional and non-functional requirements were fully defined, categorized, and mapped to UC flows.

ERD and Class Diagram: Created and validated by Megi and Kledisa (ERD), and by Martin and Megi (Class Diagram).

Component Diagram: Designed by Frenki and Anxhela to reflect system modularity and deployment structure.

Frontend: Completed by Anxhela and Kledisa, covering login/signup, booking, and admin interfaces.

Backend: Developed by Martin and Frenki, with APIs for user management, booking, payment, and admin operations.

Database: Designed and implemented by Megi, supporting all business logic and data persistence.

System Testing: Full test coverage applied across modules to ensure functional correctness and performance compliance.