

REPUBLIC OF ALBANIA

EPOKA UNIVERSITY

FACULTY OF ARCHITECTURE AND ENGINEERING

Computer Engineering

CEN 302 - Software Engineering

Personal submission

Name Surname: Joni Dajçi

TIRANA 2023

**1. Evaluation of the team members**

**(Please evaluate with grades the work done by your team members, and a short description of what they did.)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Name** | **\*Team effort** | **\*Time management** | **\*General grading** | **Description** |
| **1** | **Joana Jaupi** | **10** | **10** | **10** | **Team Lead, Product Manager, UI/UX Design** |
| **2** | **Jon Mukaj** | **10** | **10** | **10** | **DevOps Engineer** |
| **3** | **Fabio Marku** | **10** | **10** | **10** | **Product Owner, Full-Stack Dev** |
| **4** | **Kevin Tenolli** | **10** | **10** | **10** | **Software Architect, Frontend Developer** |
| **5** | **Lorenc Rrapaj** | **10** | **10** | **10** | **Frontend Developer** |
| **6** | **Mateo Tuku** | **10** | **10** | **10** | **Database Administrator** |

**(Explanation: \* The grading given is from 1-10)**

**2. Evaluation of the team leader**

Joana demonstrated remarkable leadership and managerial skills throughout our project. As a team lead, she was instrumental in guiding the project's scope and setting a clear path for all future initiatives. As a backend developer, I found her leadership particularly beneficial. Joana displayed an impressive ability to balance priorities, streamline workflows, and manage timelines, which enabled me to focus on the complex task of backend development. Her consistent support and guidance were invaluable in pushing me to optimize my performance, ensuring our backend architecture was robust and efficient.

1. **Work done by me**

As Backend Developer, my duties on this project spanned across various areas, from involvement in functional requirements definition, user interface requirements, managing external requirements, and even being responsible for backend tasks.

Initially, I was part of the team defining the Functional Requirements. Working in this area ensured I had a clear understanding of what the application needed to do from the perspective of the end-user. This knowledge was valuable as I carried out my subsequent tasks.

Next, I was solely responsible for defining the User Interface Requirements. This task was instrumental in providing a clear guideline for the UI/UX design team, thereby ensuring the user interface was not just aesthetically pleasing but also functional and user-friendly.

One of my significant tasks was managing External Requirements. This role involved understanding and incorporating any constraints or requirements placed upon our project by external entities or factors. These could be legal requirements, data protection standards, or even specific user-demographics related expectations.

I was also heavily involved in developing the User Scenarios and User Cases. Working on these allowed me to create a clear representation of how different types of users would interact with our application in various situations. This task was crucial to ensuring our product was designed and developed with the user's perspective in mind.

On the backend side, my role was not specified in the given tasks, but I was actively involved in the backend development of the application. This work involved developing and managing server-side logic, ensuring effective communication with databases, and maintaining the central database's integrity and performance. A major part of this was creating robust, secure, and efficient APIs for data exchange between the server and the user-facing side of the application.

In terms of testing, I was the main person in charge of Testing our Software. This responsibility was crucial in ensuring the software was ready for deployment, free from critical bugs, and that it met all our functional and user requirements.

Finally, I had a significant role in creating Activity Diagrams 18-22. These diagrams were essential in visualizing the flow of control in the system and understanding how different elements of the system interacted with each other.