

REPUBLIC OF ALBANIA

EPOKA UNIVERSITY

FACULTY OF ARCHITECTURE AND ENGINEERING

Computer Engineering

CEN 302 - Software Engineering

Personal submission

Name Surname: Mateo Tuku

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.)**

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| --- | --- | --- | --- | --- | --- |
| **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** | **Joni Dajçi** | **10** | **10** | **10** | **Backend Developer** |
| **6** | **Lorenc Rrapaj** | **10** | **10** | **10** | **Frontend Developer** |

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

**2. Evaluation of the team leader**

Joana was a top team lead in our project. She made sure we all knew our tasks and kept things moving. As a database admin, her guidance was super helpful. She figured out what to do and when, and was always ready with good advice. This helped me a lot in managing our database. Thanks to her, I was able to focus better and do my job well. She made our project a big success.

1. **Work done by me**

My contributions to this project spanned across several areas, including project management, documentation, and database administration. In the early stages of the project, I was responsible for contributing to the Functional Requirements of the application. I worked alongside my team to define what our software needed to do in order to fulfill the requirements of the end-users. This foundational step guided much of the work that followed.

I also handled Organizational Requirements. I was responsible for determining and outlining the resources and structures we needed in place for successful project completion. This included understanding how the project would fit into our existing structures and outlining any changes or additions necessary for this particular endeavor. In terms of the User Scenarios and Extended User Scenarios, I worked on creating realistic situations for Scenarios 31-40 and Extended Scenarios 31-40. These scenarios provided valuable insight into how end-users would potentially interact with the system. This helped the team develop a product that would meet the needs of the users.

Moving on to the User Cases, I was responsible for defining User Cases 31-40. This task involved specifying the system's behavior under different situations with a focus on interactions between the users and the system. This allowed the team to understand the necessary system behavior to fulfill users' needs.

One of my major contributions was in the area of database administration, particularly regarding the Entity-Relationship Diagram (ERD) and Queries of the Database. I was responsible for creating the ERD, a significant component of our project as it visualizes the major entities within our system, their relationships, and their properties. Also, I created the queries of the database. This required a deep understanding of our database's structure and the information that needed to be retrieved or manipulated. This role was crucial, as efficient database management is key to the successful operation of any software application.

Finally, working on the backend, I was responsible for managing and administrating the database of our application. This was a substantial responsibility as it ensured that the data our application depended on was effectively organized, stored, and retrieved when necessary.