

REPUBLIC OF ALBANIA

EPOKA UNIVERSITY

FACULTY OF ARCHITECTURE AND ENGINEERING

Computer Engineering

CEN 302 - Software Engineering

Personal submission

Name Surname: Jon Mukaj

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** | **Fabio Marku** | **10** | **10** | **10** | **Product Owner, Full-Stack Dev** |
| **3** | **Kevin Tenolli** | **10** | **10** | **10** | **Software Architect, Full-Stack Dev** |
| **4** | **Joni Dajçi** | **10** | **10** | **10** | **Backend 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 showed strong leadership in the project overview stage, where she was instrumental in outlining the complete scope of the project, a crucial first step that helped set the tone and direction for all subsequent work. Her clarity and vision in this stage demonstrated her ability to see the bigger picture and communicate it effectively to her team. She took charge of the Project Management and Project Documentation tasks, which are vital for keeping the project organized and on track. The effective management of these areas indicates a strong ability to oversee project logistics, manage resources, and ensure documentation is correctly maintained for reference and future needs. In addition, she was also involved in creating the UI/UX designs, which is a critical task in ensuring the software is user-friendly and meets user needs. Her involvement in Activity Diagrams 1-7 suggests she has an excellent understanding of how users will interact with the software and can translate this understanding into a design that enhances user experience.

1. **Work done by me**

As the DevOps engineer on this project, my primary duty was to establish and implement the infrastructure of the application.

In the early stages of the project, I defined the purpose and scope of the specification, helping the team to understand our objectives and the parameters of our work. This was an important part of setting up the project and ensuring that we had a clear goal and direction.

Once the project was underway, I took charge of User Scenarios 1-10 and the extended User Scenarios 1-10. This involved modeling potential user interactions with our application, giving us a better understanding of how our infrastructure needs to function to support these interactions.

In addition, I was responsible for User Cases 1-10. This involved mapping out specific use cases for our application and understanding how our infrastructure needs to support these cases. One of the major roles I undertook was defining the Techplaza Architecture and considering its future implications. This involved designing the technical structure of our application and considering how it might evolve and scale in the future. As part of this, I had to think about potential improvements, updates, and changes that might be needed, and ensure our infrastructure could support them.

Overall, my role as the DevOps engineer was to ensure that our application's infrastructure was robust, scalable, and capable of supporting our users' needs both now and in the future. This was a challenging but rewarding task, requiring a deep understanding of both the technical aspects of our application and the user experience we were aiming to provide.