



<University Name>
<Department Name>

Summer Practice Report <Course Code>

Student Name:

Organization Name:

Address:

Start Date:

End Date:

Total Working Days:

Video Presentation Link (optional):

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1 Introduction

This document contains information regarding my internship in Siren Bilisim on summer of 2021. The document will consist of information about the organization, project I have worked on and my role in the project. Although its development process isn't perfectly aligned with software development lifecycle, the details regarding the project, namely PGMaster, will be organized as following:

- **Analysis:** In this section, I will be explaining the effort put into understanding and determining the requirements for the software.
- **Design:** In this section, the design choices that were made in accordance with the requirements will be demonstrated.
- **Implementation:** The development of the software is somewhat intertwined with the prior phases. However, explanations regarding the implementation specifically will be included in this section.
- **Testing:** This software's implementation involves thorough testing of its different modules. In terms of the timeline, the testing is not necessarily performed *after* implementation. Information regarding testing will still be written in this section of the document for sake of sticking with the outline demanded by the department.

The internship is performed in Siren Bilisim under the supervision of Koray Kocamaz. During that time, I have been mainly involved in web development activities. Before the internship, I have had developed various applications that utilizes web technologies. During the internship, I had chance to learn more about frontend development on top of backend. The project mainly involves active participation of three developers. While I have performed my day-to-day development activities under supervision of Koray, the team member that I worked with the most was Derviş Mahmutoğlu from HAVELSAN. In that regard, I could partially claim that my internship project included the contribution of multiple organizations although HAVELSAN itself is not officially involved.

Although my involvement in PGMaster was not limited to the frontend, majority of the source code I have written would allow users interact with the underlying system. Due to that, I will be sharing extensive demonstration of the user interfaces.

On top of web development, the project revolves around databases, containers, and clusters. Domain knowledge about these entities have been also learned during this internship. I will be mentioning them in detail within relevant sections of the report.

2 Information about Project

2.1 Analysis Phase

2.2 Design Phase

2.3 Implementation Phase

2.4 Testing Phase

3 Organization

3.1 Organization and Structure

3.2 Methodologies and Strategies Used in the Company

4 Conclusion

4.1 Appendices