CS 411 - Software Architecture Design

**PROJECT TITLE**

Project Group 1

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| Bilkent ID here | Name here |



Department of Computer Engineering

Bilkent University

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Chapter 1

# Introduction

Describes the context and the introduction of the project.**Chapter 2**

# Case Description

What kind of problem will you address? What is the goal of the project? Describe the case. You can easily define sections and sub-sections.

## 2.1 Section title

## 2.2 Another Section title

Some text with reference [1], and some more text.

## 2.3 Section title

### 2.3.1 Sub-section title

Even more text with footnote [[1]](#footnote-1), and even more.

**Chapter 3**

# The Software Architecture Design Process

Describes the steps followed in designing the software architecture. These are essentially based on the synthesis-based software architecture design approach as discussed during the lectures.

|  |  |  |  |
| --- | --- | --- | --- |
| lattice | *d* | *q* |  |
| square | 2 | 4 | 1.763 |
| triangular | 2 | 6 | 1.648 |
| diamond | 3 | 4 | 1.479 |
| simple cubic | 3 | 6 | 1.330 |
| bcc | 3 | 8 | 1.260 |
| fcc | 3 | 12 | 1.225 |

Table 1: Table title

**Chapter 4**

# Requirements Analysis

Describes the stakeholders and for each of these the related requirements. Requirements can be defined using textual requirements, use cases, (architectural) scenarios, prototype(s), state transition diagrams (if necessary).

**Chapter 5**

# Technical Problem Analysis

Describes the basic technical problems/concerns that need to be solved by the software architecture.

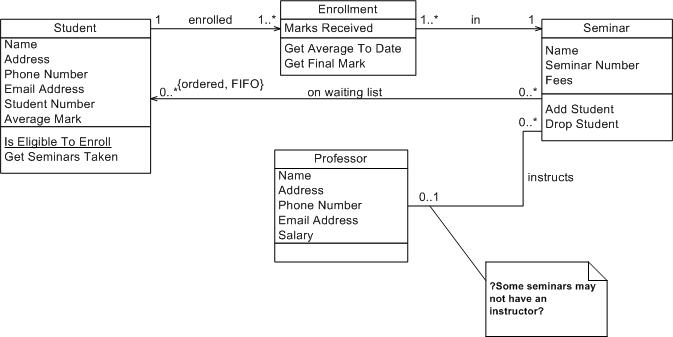


Figure 1: A figure with caption

**Chapter 6**

# Domain Analysis

Describes the identified domains, the knowledge sources, the evaluation of knowledge sources, the derived concepts, the structure and description of concepts.

**Chapter 7**

# Software Architecture Design

Presents the logical/conceptual software architecture design using UML (stereotyped classes).

**Chapter 8**

# Conclusion

Summary, lessons learned, obstacles, future work.

## 8.1 Lessons Learned

Some explanation

## 8.2 Obstacles

Some explanation

## 8.3 Future Work

Some explanation

# References

[1] Name of the reference here, [url here](url%20here)

[2] Name of the reference here, [url here](url%20here)

1. footnote text [↑](#footnote-ref-1)