Group 13

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ECS506U Software Engineering Group Project

Problem/Domain Analysis Report

**Contents**

[**1.** **Introduction** 3](#_Toc503163359)

[**2.** **Glossary** 3](#_Toc503163360)

[**3.** **Customers and users** 3](#_Toc503163361)

[**4.** **The environment** 3](#_Toc503163362)

[**5.** **Tasks and procedures currently performed** 3](#_Toc503163363)

[**6.** **Competing software** 4](#_Toc503163364)

[**7.** **Domain Model** 4](#_Toc503163365)

# **Introduction**

Name the domain, define the problem you are trying to solve and give the motivation for performing the analysis. The motivation normally is that you are preparing to solve a particular problem by development or extension of a software system.

# **Customers and users**

Describe who will or might buy/use the software, and in what industrial sectors they operate. Also, describe the other people who work in the domain, even peripherally. Mention their background and attitude as well as how they fit into the organization chart, and relate to each other. These people may become users.

# **The environment**

Describe the equipment and systems used. The new system or extensions will have to work in the context of this environment.

# **Tasks and procedures currently performed**

 Make a list of what the various people do as they go about their work. It is important to understand both the procedures people are supposed to follow as well as the shortcuts they tend to take. For example, if people are supposed to enter certain information on a form, but rarely do, this suggests the information is not useful. Tasks listed in this section may be candidates for automation.

# **Competing software**

Describe what software is available to assist the users and customers, including software that is already in use, and software on the market. Discuss its advantages and disadvantages. This information suggests ideas for requirements, and highlights mistakes to avoid.

# **Domain Model**