

**SE322: Software Intensive Systems Engineering**  
**Semester 2 5785**  
**Lecturer: Michael J. May**

**Semester Project**  
**Due: 27 March 2025**  
**Kinneret College**

## Customer and Stakeholder Story

In this assignment you'll write the customer and stakeholder story for the semester project.

### 1 About the Story

The user and stakeholder story must describe the system to be developed in a simple, non-technically specific way. The story must be written from the perspective of the one who is ordering the development of the system.

The system you're going to develop must be distributed (*i.e.* deployed on more than one computer). It might have a front end and a back end, a customer app with a set of backing servers, end user terminal and cloud based server/storage. You may choose the overall distributed architecture for the system, but it must be reasonable (*i.e.* meet the requirements implied in the story).

Write your story as prose, describing how the system should operate and behave using natural language. Do not use bullet or numbered lists. You may include literary devices such as characters, motivation, and marketing pitches to make the story more interesting. Include pictures and figures to give the user a better idea of what the system in the story will be about.

#### 1.1 Story Minimum Requirements

To ensure that the stories are sufficiently complex and interesting, the story must have the following elements:

1. 500-700 words
2. Have 3 or more user categories or roles
3. Have 3 or more types of hardware (*e.g.* end user computers, servers, specialized hardware)

#### 1.2 Topic Blacklist

Due to repeated use of some project topics from past years, I will not accept project stories on the following topics this year:

- Security/police central office service
- Gym/Health Club management system

## 2 Use of Generative AI

In this part of the project, the use of generative artificial intelligence (AI) is acceptable. You may use generative AI tools to help you brainstorm for ideas, write story points, and organize your thoughts for story elements and behaviors. You may also use it to generate images for your story.

Edit all text created by the generative AI to ensure that it is logical and readable. You must also ensure that it meets the user story's content and technical requirements. Keep in mind that the user story will be graded as your work, so any mistake or error is your responsibility, not the AI's.

If you choose to use generative AI for your user story, you must include the following additional section to the user story template: **Use of Generative AI**. The section must include the following information:

- The manner in which the generative AI was used (*e.g.* brainstorming, idea elaboration, story points, image generation, etc.)
- A history of all prompt entries that were entered to generate the results.
- A short description of what editing steps were performed on the generative AI's output.

### 3 What to turn in by 27 March 2025

The customer story should let the reader answer the following questions without going into too many technical details or systems jargon:

1. What is the goal of the system?
2. In what environment will the system operate? (users, other systems, additional stakeholders)
3. What are the primary processes of the system?

You may use the ePark example or the other examples on the course web page for ideas. Use the MS Word template on Moodle to submit the user story.

Turn in the assignment as a single DOCX or PDF file filling in all parts of the MS Word template. All submissions must be turned in via Moodle.

### 4 Grading

The user story **will not** receive a numerical grade initially, but it must be approved to be able to continue with the course project. It will be given a numerical grade when the project is finally evaluated after the final project submission.