Scientific paper kladd

Software engineering assignment 4

## Introduction

## Methods

## Requirements

Functional requirements

Take user input for filling checklist

Upload checklist to database

Indicate errors as alarm for supervisor

Display contents for supervisor

Let supervisor view and acknowledge alarms

Add date and current shift automatically

Allow for user to select different checklists

Non-functional requirements

Usability: User interface needs to be as simple as one on paper. It should be intuitive to select checklist and fill in the boxes.

Reliability: All data should be available for supervisor to view at any time. Checklists should be available for users to fill Friday through Sunday.

Performance: The system needs to operate smoothly and be quick in loading phase.

Supportability: The system needs to be scalable for further expansions.

A screenshot of a computer screen

Description automatically generated

Use case diagram

A diagram of a system

Description automatically generated

Domain model

There should only be one iteration of the elaboration phase. This iteration should take no longer than one week.

## Architecture

A screenshot of a computer

Description automatically generated