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TED UNIVERSITY

Computer Engineering Department

**CMPE 491 Senior Project – High-Level Design Report - AgroAutomaTED**

by

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# Table of Contents

[**Table of Contents 2**](#_heading=h.b3yyptp5h7k3)

[**1. Introduction 3**](#_heading=h.gjdgxs)

[1.1 Purpose of the system 3](#_heading=h.k9rmmyec2tr3)

[1.2 Design goals 3](#_heading=h.riaj2sazexru)

[1.3 Definitions, acronyms, and abbreviations 3](#_heading=h.rn6yu1pngm3)

[1.4 Overview 3](#_heading=h.kdympqds16bc)

[**2. Current software architecture 3**](#_heading=h.lrd4g9olh988)

[**3. Proposed software architecture 3**](#_heading=h.d04wranyv0bw)

[3.1 Overview 3](#_heading=h.s65m5mig27n8)

[3.2 Subsystem decomposition 3](#_heading=h.dcrfegnv6iyn)

[3.3 Hardware/software mapping 3](#_heading=h.why3e9n2o3iv)

[3.4 Persistent data management 3](#_heading=h.8ixu5iw353kb)

[3.5 Access control and security 3](#_heading=h.ak5e72t2g94)

[3.6 Global software control 3](#_heading=h.m8mfj5cq9mu2)

[3.7 Boundary conditions 3](#_heading=h.t4rmwt2yxfvu)

[**4. Subsystem services 3**](#_heading=h.ch9e42qpx1q5)

[**5. Glossary 3**](#_heading=h.pwazzoitdu1k)

[**6. References 3**](#_heading=h.9wpkvhw1m4ct)

# Introduction

In terms of this “High-Level Design Report”, a brief initial implementation demonstration will be provided which includes hardware-software relationships, the initial usage of the hardware components such as connection to the boards and receiving sensor data, used software architecture, database structure which enables the communication between the mobile application and the hardware system, ideas for the rest of the project such as machine learning models. In the introduction part, the purpose of the system, goals of the project, designing goals are provided.

## 

## Purpose of the System

## Design goals

## Definitions, acronyms, and abbreviations

## Overview

# Current software architecture

# Proposed software architecture

## Overview

## Subsystem decomposition

## Hardware/software mapping

## Persistent data management

## Access control and security

## Global software control

## Boundary conditions

# Subsystem services

# Glossary

# References

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