



# Drone meshnetwerk simulatie

Software Design Document

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Versie 1

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# 1 — Inleiding

Het volgende verslag betreft de Software Requirements Specification voor de afstudeerstage van Maurice Berentsen (hierna: student). Dit document volgt het document: "*Software Design Description Template*" (Van Heesch, 2016)

Het beschrijft TODO

## 1.1 Overall Description

## 1.2 Doel van dit document

## 1.3 Begrippenlijst

Term	Omschrijving
term	Omschrijving

Tabel 1.1: Begrippenlijst

## **2** — **Architectural Overview**

## **3 — Detailed Design Description**

### **3.1 Deployment Diagram**

#### **3.1.1 Design Decisions related to deployment**

### **3.2 Design Sub-System Drone Simulatie**

#### **3.2.1 Design Class Diagram**

#### **3.2.2 Sequence Diagrams**

#### **3.2.3 Activity and State Diagrams**

#### **3.2.4 Design decisions made for the sub-system**

### **3.3 Design Sub-System Meshnetwork**

#### **3.3.1 Design Class Diagram**

#### **3.3.2 Sequence Diagrams**

#### **3.3.3 Activity and State Diagrams**

#### **3.3.4 Design decisions made for the sub-system**

### **3.4 Design Sub-System Wireless Simulatie**

#### **3.4.1 Design Class Diagram**

#### **3.4.2 Sequence Diagrams**

#### **3.4.3 Activity and State Diagrams**

#### **3.4.4 Design decisions made for the sub-system**

## Literatuur

Van Heesch, U. (2016, 23 september). *Software design description template*.

## A — Appendix 1