Parrot Mini Drone

Group 24



School: Fontys University of Applied Science

Program: Electrical Engineering

Course: Model Based System Engineering (MBSE)

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# Introduction

# Goal of the project

# Description of the system

## Functionality

## Requirements

# SysML diagrams

Requirement diagram

## Structure Diagrams

Block definition diagram

Internal block diagram

## Behavior Diagrams

Activity diagram

Use case diagram

# MATLAB explanation

## General system

## Flight control system

Waypoint follower

# Test plan

## Simulation

## Drone

# Conclusion

# Recommendations

# References