



### Introduction

### Introduction

**Project Mission** 

Stakeholders

System Requirements

System Tasks

Quality Requirements

### SRS creation toghether with

# **Vultus**



### **Problem Description**

### Introduction

Project Mission

Project Overview

Stakeholders
Context Diagrar

System Requirements

System Tasks

Quality Requirements

Design Requirement

Project Evaluation

Experiences

References



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# Anomalies exists and create huge amounts of waste

### **Project Mission**

Introduction

### **Project Mission**

Project Overviev

Context Diagran

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System Requirements

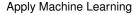
Quality Requirements

Design Requireme

### Project Evaluation

Experiences

References



Utilize Satellite Data

**GOAL:** Prevent Anomalies



### Stakeholders

Introduction

Project Mission

**Project Overvie** 

Stakeholders

Context Diagrai

. rojout modan

System Requirements

System Tasks

Quality Requirements

Design Requireme

Project Evaluation

Experiences

References



### Customer

Farmer Management System (FMS)

Copernicus [?]

Investors and Product Owner (Vultus)

Other stakeholders

### Context Diagram

Introduction

**Project Mission** 

Project Overviev

Stakeholders

Context Diagram

Project Result

System Requirements

Quality Requirements

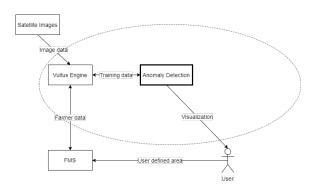
Design Requirement

Project Evaluation

Methods Utilized

References





## Alert Farmer of Anomaly [2]

Introduction

Project Wission

Project Overviev

Context Diagram

Project Result

System Requirements

System Tasks

Quality Requirements

Design Requirements

rioject Evaluatio

Experiences

References

**Purpose:** Alert the farmer of a potential problem.

Trigger/Precondition: Task 6.2.1.2 [2].

Frequency: On anomaly detected.

**Example Solution:** Push notifications, emails, text messages.



## New Satellite Image is Available [2]

Introduction

Project Mission

Contradiction

Context Diagram

Project Result

System Requirements
System Tasks

Quality Requirements

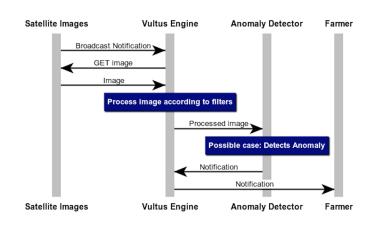
Design Requirements

Project Evaluatio

Experiences

Reference





# Deliver Farmer Data from FMS to Vultus Engine [2]

Introduction

Project Mission

Project Overview

Context Diagram

Project nesui

System Requirements System Tasks

Quality Requirements

Design Requiremen

Project Evaluation

Methods Utilized

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Purpose: Deliver Farmer Related Data to Vultus Engine.

Trigger/Precondition: On request.

**Frequency:** Varying.

**Example Solution:** Using any available open API from the FMS.

### Example Quality Requirement [2]

Introduction

Project Mission

Project Overviev

Context Diagram

Project Result

System Requirements

Quality Requirements

Design Requiremen

Project Evaluation

Methods Utilized

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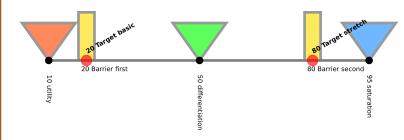
Reference



50% of the information delivered to the customer should be correct, as in not giving false positives or false negatives in anomaly detection. This is depicted in figure 1 as the differentiation level.

This is an Accuracy Requirement according to [3].

Figure: Hit Rate in accuracy



# Example Design Requirements [2]

Introduction

Project Mission

Stakeholders

Context Diagram

rioject nesult

System Requirements System Tasks

Quality Requirements

Design Requirements

Project Evaluation

Experiences

References



The color green should be used to show no anomalies

Any anomality found should use a scale from yellow: **Low severity** to red: **High severity** 



### **Elicitation Methods Utilized**

Introduction

Project Missior

Project Overviev

Stakeholders Context Diagran

roject riesuit

System Requirements

System Tasks

Quality Requirements

Design Requireme

Project Evaluation

Methods Utilized

Reference



Work Shops

Discussions

Document studies



### **Project Experiences**

Introduction

Project wission

Project Overview

Stakeholders

Context Diagrar

Floject Hesuit

System Requirements

System Tasks

Quality Requirements

Design Requireme

Project Evaluation

Experiences

References



Communication with Vultus

Communication within group

Elicitation Methods

SRS creation

### References

Introduction

Project Mission

Project Overvie

Stakeholders

Context Diagram

Fioject nesui

System Requirements

System Tasks

Quality Requirements

Design Requiremen

Methods Utilized

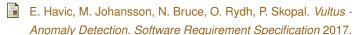
Experiences

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