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# SRS creation toghether with

# Vultus



### **Problem Description**

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# Anomalies exists and create huge amounts of waste

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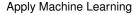
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Utilize Satellite Data

**GOAL:** Prevent Anomalies



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#### Customer

Farmer Management System (FMS)

Copernicus [1]

Investors and Product Owner (Vultus)

Other stakeholders

### Context Diagram

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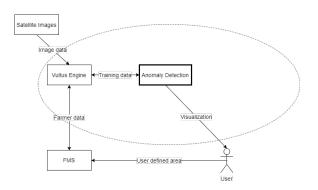
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## Alert Farmer of Anomaly [2]

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**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]

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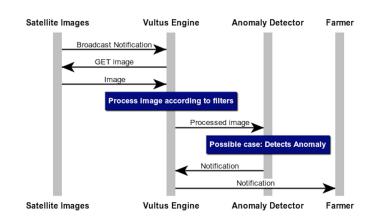
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# Deliver Farmer Data from FMS to Vultus Engine [2]

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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]

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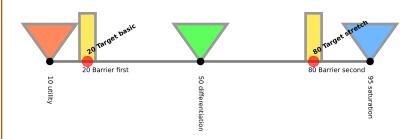
Reference



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]

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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**

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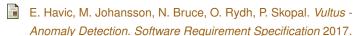
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