project **canvas**

Project name **Greenhouse sensoring**

Project owner **Didier Vereecke**

Purpose
What is the intent of this project?
Why are we doing this project?

Door technologische ontwikkelingen de groei van planten in de serre bevorderen.

Scope
What does this project contain?
What does this project not contain?

Met behulp van sensoren planten monitoren en uitlezen met home assistant.
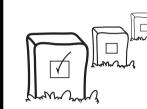
Success Criteria
What do we need to achieve in order for the project to be successful?
How can the Success Criteria be measured?

Nauwkeurige metingen, goede en betrouwbare connectie met home assistant,...

Milestones
When will we start the project and when is the final deadline ?
What are the key milestones and when will they occur?
How can the milestones be measured?

Actions
Which activities need to be executed in order to reach a certain milestone?

Outcome
What is the end result?

- A book
- A website
- An event

Team
Who are the team members?
What are their roles in the project?

Ruben
Kenrie
Xander

Taken: MQTT, ESP programmeren, hardware aansluiten, documentatie,...

Stakeholders
Who has an interest in the success of the project?
In what way are they involved in the project?

Studenten, docenten, overige bezoekers en gebruikers van de serre, mensen met interesse in het systeem/ gebruik van sensoren,...

Users
Who will benefit from the outcome of the project?

Resources
What resources do we need in the project?
- Physical (office, building, server)
- Financial (money)
- Human (time, knowledge)

Sensoren, microcontroller, energievoorziening, serre, planten, MQTT broker,...

Constraints
What are the known limitations of the project?
- Physical (office, building, server)
- Financial (money)
- Human (time, knowledge, politics)

-budget

Risks
Which risks may occur during the project?
How do we treat these risks?