

Project charter

Food waste management



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fontys

venlo

# Abstract

Contents

[Abstract 1](#_Toc161148291)

[Introduction 3](#_Toc161148292)

[Business case 4](#_Toc161148293)

[Approach 5](#_Toc161148294)

[Scope 6](#_Toc161148295)

[Deliverables 7](#_Toc161148296)

[Quality management 8](#_Toc161148297)

[Prerequisite 9](#_Toc161148298)

[Success criteria 10](#_Toc161148299)

[Work break down structure 11](#_Toc161148300)

# Introduction

In a world where the statistics of food waste are extremely high, we want to help to reduce this waste of food. With our combined skills and dedication, we want to create a website where people can connect with each other and share to food they have left.

As a team of three passionate developers, we are excited to create a solution: the Food Waste Management Website.

we see an opportunity to make a meaningful impact issue of food waste through innovative website. This will be a website where individuals, businesses, and communities can connect and share food, ensuring that no food goes to waste.

# Business case

**1.Identify the problem.**

Over the years food wasting has increased significantly. According to the statistics in the EU, over 58 million tons of food waste are generated annually, with an associated market values estimated at 32 billion euros. Eurostat roughly estimates that around 10% of food made available to EU consumers may be wasted. At the same time, over 37 million people cannot afford a quality meal every second day.

**2.Need or opportunity**

The FoodWaste Management project presents an opportunity to utilize technology to solve this problem. By providing a user-friendly platform for food donation and community engagement, we can bring people together to contribute to reducing food waste and addressing food insecurity

* Using technology: With this project we aim to use the technology by creating a website where people can easily donate their surplus of food. By doing this, will be easier for the people to get involved in reducing food waste.
* Bring people together: This project it's not just about donating food. We also want to bring people together. By connecting online, we can share ideas and support each other in reducing food waste and helping those who are struggling with food insecurity

**3. Expected benefits and outcomes:**

* **Reduce of Food Waste**: We want to make it easy for people and businesses to give away extra food. This way, we can stop a lot of food from going to waste.
* **Food Security:** By giving away the surplus of food to those who need it, we can make sure that the people from our communities don’t face food insecurity
* **Creating a community:** We want our platform to be the place where people support each other by sharing meal planning tips and ideas and working together to reduce food waste.
* **Protect the Environment:** Less food thrown away also means less waste in landfills and less harm to our planet.

# Approach

# Scope

The scope of the Food Waste Management Website encompasses the development, implementation. The project aims to provide a centralized hub helps individuals and organizations to reduce food waste through practical solutions.

1. Website Features:

* Design and implement interactive tools and features, including a social aspect like messaging and a friend function.
* Integrate donation help users to donate surplus food and reduce food in their communities.

2. Technology Infrastructure:

* Build a robust and scalable website architecture using modern web development technologies to ensure a good user experience.
* A way to verify users either a donator or receiver.

3. Project Management:

* Establish project milestones, and deliverables to ensure timely completion and launch of the website.
* Assign roles and responsibilities to project team members.

4. Maintenance:

After the project has been completed, we will not be maintaining this website. We will also not provide a manual or training.

# Deliverables

# Quality management

# Prerequisite

# Success criteria

# Work break down structure

A diagram of a project

Description automatically generated