Project Scope

Product Scope & Minimum Viable Product:

- Goals
  - Creating a website where you can check how your food impacts the environment, listed in KgCO2 Equivalent. The SDG's of the project are "responsible consumption and production" and "climate action".
- Deliverables
  - Database where you can find all listed items' CO2 emissions. (27/7)
  - Search function where you can search for a specific item in the database.(11/9)
  - Create a list of items and calculate the total emission of the items in the list.(25/9)
  - Documentation of Code **Continual Deliverable
  - Documentation of Project, Project Report

Project Scope:

- Tasks to deliver MVP (in order)
  - Communication
    - Cooperate on establishing interfaces between the different Epics to allow for parallel work.
    - Hold sprint review meetings
      - Determine Product Owner/s
      - Create user stories
      - Establish working pairs and distribute tasks
  - Epic: Implement Database into the website
    - Parse Excel document of the data
    - output to site
  - Epic: Search function
    - Index of database
    - Search Algorithm
      - Goal: Should be able to, given a prefix, filter out all items in the database that do or do not match the given prefix.
        -Exclude/Include search.
    - Select item to list ->
  - Epic: List of selected items
    - A list storing selected items
    - Item.ToString()
    - Calculate the CO2 emission from all items in the list and display to user
  - Epic: Improve user experience
    - Make the site look good.
    - Make the site intuitive to use

- ○ Epic: Make money
  - ■ Implement donation button for zero hunger charities
  - ■ (?Monetization: Implement donation button for starving student developers)
  - ■ (?Monetization: Implement advertisements, send users to relevant food stores. Would be very relevant to capitalist stakeholders)
  - ○
- ● Costs
  - ○ None
- ● Deadlines
  - ○ A Report of the project should be finished 29/10 (Locked)
  - ○ The project should be finished 22/10, a week before the report (subject to change)

Scope statement - is a well written document that includes all the required information for producing the project deliverables.

An important function of the website is the search function which will filter out items that do not match a prefix. Meaning, if the user would type oni, onions should remain in the shown list, but milk should not. However, if an item is searched for that does not match the prefix of any item in the list, the list will be empty. A future improvement to this function could be to let the user request certain items to add to the list.
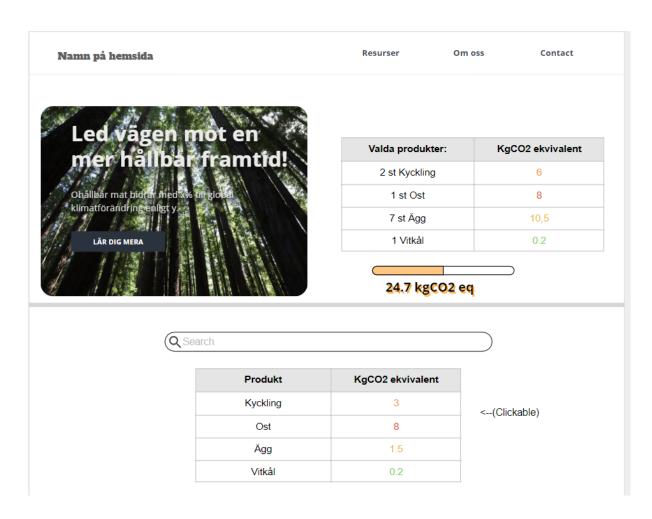
Furthermore, all the information displayed will be available from the database, meaning that we will not use external sites to provide relevant information to the user. A future improvement to this, however, might be to use external sites to recommend recipes based on searched items and scan digital receipts received directly from the food store.

The function of this app is to let the users know their CO_2 emissions based on their eating habits. The user will be able to input whatever foods they've purchased and see their CO_2 emissions. Once the minimum viable product is complete, if there still is time, additional functionality will be added to allow users to create accounts so as to track their previously entered foods to get a clearer overview of their emissions. Another possible expansion is a forum or some other similar social element where users can interact with each other.

The responsibilities of the group will be as following:
- ○ Scrum Master - **Malte** scrums
- ○ Code-responsible - **Jakob** skriver all kod
- ○ Test-responsible - **Joar & Sebastian** testar all kod
- ○ Documentation-responsible - **Johan & Aziz** dokumenterar

Mockup:

Namn på hemsida

Resurser   Om oss   Contact

Led vägen mot en mer hållbar framtid!

Ohållbar mat bidrar med x% till global klimatförändring enligt y.

LÄR DIG MERA

Valda produkter:	KgCO2 ekvivalent
2 st Kyckling	6
1 st Ost	8
7 st Ägg	10,5
1 Vitkål	0.2

24.7 kgCO2 eq

Q Search

Produkt	KgCO2 ekvivalent
Kyckling	3
Ost	8
Ägg	1.5
Vitkål	0.2

<--(Clickable)

Business Model Canvas:

Partners

Eventuellt kontakta mataffär för tillgång till digitala kvitton

Greta Thunberg?

Kanaler

Hemsida, sociala medier?

Resurser

En fungerande databas, en tydlig hemsida

Värdeerbjudande

Kundens behov att ha kunskap om varor och vilka som är bättre/sämre ur ett klimatperspektiv.

Aktiviteter

Släppa updateringar ofta, lägga till livsmedel som kunden har önskat

Förbättra user experience

Kundsegment

Våra kunder är människor som vill göra en bra påverkan på miljön genom att bli mer insatta i vilka livsmedel som har stora koldioxidutsläpp.

Kostnadsstruktur

Inga kostnader. Eventuellt för domännamn framöver.

Intäktsströmmar

Reklam?