1. Functional
- Tracks expiration date of the food
- Tracks food storage, inventory levels
- Changes automatically or manually the price of the products based on: the expiration date, amount available in stock
- Forecasts sales for a given product and the whole shop
- Tracks for how many tonnes of food that goes to waste each month/week, and perhaps presented also in terms of how many people it could have fed, or how many kgs of food the compost could have helped produce
- The product provides a food category
- Establishes item id
- Notifies when products go bad
- Option for automatic order when stock is low (within the system)
- Sales tracking
- Establishes critical thresholds for each item based on the statistics
- Recommended order, related to critical thresholds

2. Data
- Inventory levels, food categories, prices, expiration dates, place of production, levels of waste, personal information on workers
- Calculations based on the data might be done - sales forecaster, refiller of the inventory
- All information regarding the stock of products has to be up-to-date, and it can be quite extensive. It might change multiple times a day or even an hour, so it's important that it is always accurate.
- Many people - employees and employers - might have access to this data so in this case it has to be synchronized well
- The data about expiration dates might have to be persistent over many months, depending on the product.

3. Environmental

a) Social
- Data will be shared among many users (to keep it updated, or to view the status of the product stocking)
- The sharing can be both synchronous (so different people can view the up-to-date information at once) as well as asynchronous, such as when a user wants to modify or edit data about the status of a product
- Workers will be using the system across great distances

b) Technical
- Usage of available databases
- Connection to the internet
- Limitations of storage and running memory

4. User characteristics

- Restaurant, grocery store owners
- Our potential user group doesn't necessarily have a high skilled technological background
- Don't want to spend a lot of time on dwelling into the technicalities - system must be easy to learn and intuitive
- Clear guidance for new users
- More flexibility for experienced users, users in charge
- Possibility of more wide-ranging functionalities, so that they feel more in control (eg. employers over employees)
- Easily accessible

5. Usability goals and user experience goals
- Convenient and intuitive to use
- Has a prompt and detailed notification system
- Easy for users to communicate with each other