



# Capstone Project 2

CMU-SE 451

## Product Backlog

Version 1.1

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## Food Care

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## PROJECT INFORMATION

<b>Project acronym</b>	FC		
<b>Project Title</b>	Food Care		
<b>Start Date</b>	01 Mar, 2021	<b>End Date</b>	25 May, 2021
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## REVISION HISTORY

Version	Date	Comments	Author	Approval
1.0	05/03/2021	Initial Release	C2SE.18 team	
1.1	22/05/2021	Final	Vinh, Huynh Dac	

## Document Approval

The following signatures are required for approval of this document

<b>Mentor</b>	Dang Viet Hung	Date:
<b>Scrum Master</b>	Huynh Dac Vinh	Date:
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## 1. Introduction

The agile product backlog in Scrum is a prioritized features list, containing short descriptions of all functionality desired in the product. When applying Scrum, it's not necessary to start a project with a lengthy, upfront effort to document all requirements. Typically, a Scrum team and its product owner begin by writing down everything they can think of for agile backlog prioritization. This agile product backlog is almost always more than enough for a first sprint. The Scrum product backlog is then allowed to grow and change as more is learned about the product and its clients.

### 1.1. Purpose

- Provide a prioritized features list, containing a short description of all functionality desired in the product.
- Lists everything that the product owner and Scrum team feels should be included in the software they are developing.

### 1.2. Scope

- Display a list of roles: User, Admin
- Write all the user's requirements.
- Lists some main functions of the website.
- Short description of all the functionality desired in the product.
- Given the priority of each feature and function of the product.

### 1.3. References

No	Reference	Note
1	<a href="http://agilebench.com/blog/the-product-backlog-for-agile-teams">http://agilebench.com/blog/the-product-backlog-for-agile-teams</a>	How to create product backlog
2	<a href="http://www.mountaingoatsoftware.com/agile/scrum/product-backlog/example/">http://www.mountaingoatsoftware.com/agile/scrum/product-backlog/example/</a>	Product Backlog Example

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**2. Product Backlog****2.1. Product Backlog Specification**

## Priority and Estimates

Priorities are set from 1 to 5.

- The maximum/highest priority is 5
- The minimum priority is 1
- Priorities of some user stories can be the same with others
- If a user story has dependencies, it must have lower priority than its dependencies

ID	Theme	As a/an	I want to	So that	Prior	Est .
PB01	Login	Admin	Login to the system as admin	I can manage information	3	25
PB02	Change password	Admin	Change my account's password	I can keep it secure or make it easier to remember	4	35
PB03	Logout	Admin	Logout to the system	I can stop using the system. I can log in later when I want to use system on next time	1	10
PB04	View All User	Admin	View all the user in the system	I can manage users and take action if needed	4	90
PB05	Ban User	Admin	Ban a user in the system	I can prevent a user from using the system	4	145
PB06	View All Foods	Admin	View all food in the system	I can manage foods and take action on them	2	55
PB07	Approve Food	Admin	Approve a requested food	I can add user's custom food to the public	1	10

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PB08	Create Food	Admin	Create new food	I can add more food to the system	4	34
PB09	Edit Food	Admin	Edit food's information	I can update the correctness of food in the system	4	23
PB10	Delete Food	Admin	Remove food	I can remove incorrect food from the system	4	24

Table 1: Product Backlog Specification (Admin)

ID	Theme	As a/an	I want to	So that	Prior	Est .
PB01	Register	User	Create an account	I will be ready to use the system	3	25
PB02	Login	user	Login to system	I can access the features of the system	4	35
PB03	Logout	User	Logout of the system	I can stop using the system	1	10
PB04	Change Password	User	Change account's password	I can update my password to remember easier	4	90
PB05	Reset Password	User	Reset my password	Access to my account when forget password	4	145
PB06	Edit Profile	User	Update nmy information	I can change the information as needed	2	55
PB07	Filter Food	User	View Food with specific properties	I can choose the most suitable food	1	10

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PB08	Search Food	User	Find the Food by its name	I can look for a specific food	2	16
PB09	View Food's Details	User	View Food's information	I can know all about the food	5	23
PB10	Add To Favorite	User	Add a food to favorite list	I can save my favorite food	4	20
PB11	Remove From Favorite	User	Remove a food from favorite list	I can remove the food I don't like	3	14
PB12	View Favorite List	User	View all my favorite food	I can choose which one I like to eat	2	19
PB13	Add Food To Menu	User	Add a food to my meal plan	I can plan and prepare for the meal better	2	14
PB14	Remove Food From Menu	User	Remove a food from meal plan	I can plan and prepare for the meal better	2	15
PB15	View Menus	User	View all foods in my menu	I can evaluate my menu and adjust them	5	18
PB16	Create Collection	User	Create a food collection	I can store food based on theme	4	23
PB17	Add Food To Collection	User	Add food to a created collection	I can add suitable food to a collection for later use	3	22
PB18	Remove Food From Collection	User	Remove food from a created collection	I can remove a food that no longer fit that collection	3	12
PB19	Remove Collection	User	Remove a created collection	I can remove a collection that I don't need	3	12
PB20	View Collections	User	View all of my collection	I can manage my food collection	3	10



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PB21	View Collection's Detail	User	View all foods in a collection	I can know what food is belong to that collection	4	12
PB22	Create Custom Food	User	Create my own food	I can create a food haven't existed in the system	2	23
PB23	Update Custom Food	User	Update my own food	I can update the correctness of my customized food	2	20
PB24	Remove Custom Food	User	Remove my created food	I can remove my food that no longer needed	2	22
PB25	Receive Recommended Menu	User	Receive a recommended meal	I can save time planning meal and have a diversity menu	5	55
PB26	Request To Public Food	User	Request my food to be public	I can share my recipe with other people	1	15
PB27	View List Requested Foods	User	View all of my requested food	I can manage my application	1	18
PB28	Withdraw Requested Foods	User	Withdraw a requested food	I can update its information and apply later	1	12

Table 2: Product Backlog Specification (User)

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**3. Constraint**

<b>Constraint</b>	<b>Condition</b>
<b>Time</b>	Project completion time limit in 3 months so time to complete project be restricted
<b>People constraint</b>	4 people working together to finish the project
<b>Requirements</b>	According to Product owner's Requirements

*Table 3: Constraint***4. Stakeholders Summary**

<b>Name</b>	<b>Description</b>	<b>Role</b>
<b>Product Owner</b>	The Person who gives the Requirement	Provide information to develop the website. Make the decision to accept and implement the project, do the unit test
<b>Scrum Master</b>	This is the stakeholder who leading, manage the website development Team	Controlling, managing, monitoring, make sure the project complete on time, within budget, according to plan and according to requirements
<b>Requirement Analyzer</b>	This is a stakeholder that works with the Analysts to correctly translate requests or needs into requirements to be used for design	Specifies the details of one or more parts of the website's functionality by describing one or the aspects of the requirements,  This will include functional and non-functional
<b>Software Architect</b>	This is a stakeholder that is primary for leading the website development	Responsible for the software architecture, which includes the key technical decisions that constrain the overall design for the project
<b>Coder</b>	This is a stakeholder that programs the software	Implement the project

*Table 4: Stakeholders Summary*