CAPSTONE PROJECT 2

PRODUCT BACKLOG DOCUMENT

WHAT SHOULD I EAT TODAY?

VERSION: 1.0

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INTERNATIONAL SCHOOL OF DUYTAN UNIVERSITY

PROJECT INFORMATION

	PROJECT INFORMATION		
Project Acronym	WIET		
Project Title	What should I eat today?		
Start Date	02/12/2020	**End Date**	05/15/2020
Lead Institution	International School, Duy Tan University		
Project Mentor	Nguyen Thi Bao Trang		
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PRODUCT BACKLOG DOCUMENT

	DOCUMENT NAME		
Document Title	Product Backlog Document		
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REVISION HISTORY

Version	Person(s)	Date	Description
1.0	Nguyen Dinh Luu	03/22/2020	Create Product Backlog Document for project

Document Approval

The following signatures are required for approval of this document

Mentor	Nguyen Thi Bao Trang	**Signature:**	
		Date:	
Product owner	Le Nguyen Hoang Van	**Signature:**	
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		Date:	
	Luong Minh Hieu	**Signature:**	
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Contents

1. Introduction

1.1. Purpose

- Provide a prioritized features list, containing short description of all functionality desired in the product.
- Provide a prioritized features constraint list.

1.2. Scope

- Lists the management system's module role.
- Lists some main function of system manager.
- 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	References	Note
1	http://agilebench.com/blog/the-product-backlog-for-agile-teams	How to create product backlog
2	http://www.mountaingoatsoftware.com/agile/scrum/scrum-tools/product-backlog/example	Product Backlog Example

2. Product Backlog

2.1 Product Backlog Items Diagram

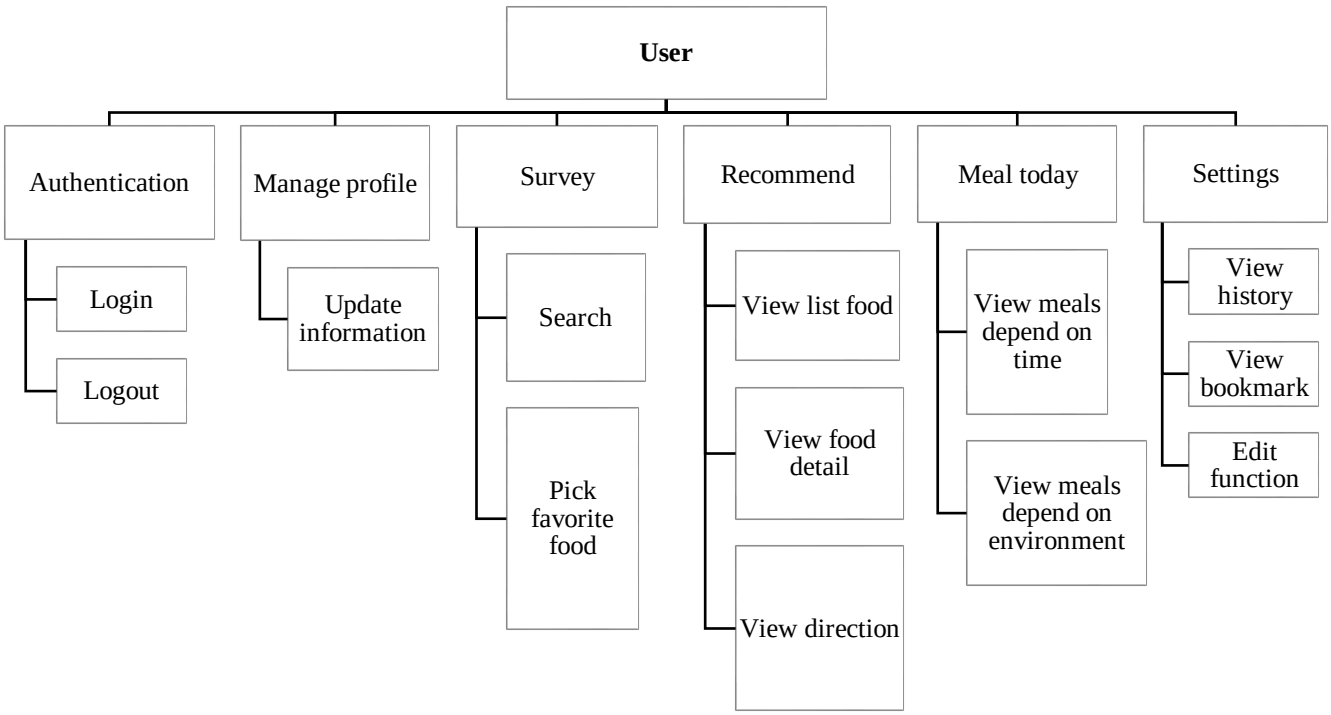

Figure 01: User Module

2.1. Product Backlog Specification

Table 1: Product Backlog Specification

ID	Theme	As a	I want to	So That	Priority
AUTHENTICATION					
PB01	Login	User	Access to the system by Facebook or Google account	I can use the application with my role	1
PB02	Logout	User	Log out system	I can stop using system. I can log in later when I want to use application on next time.	1
MANAGE PROFILE					
PB03	Update information	User	Update profile	I can update my profile on application	1
SURVEY					
PB04	Search	User	Search food I want	I can easily pick	2
PB05	Pick favorite food	User	Pick favorite food	System can easily make a recommend	2
RECOMMEND					
PB06	View list food	User	View list food from recommend system	I can easily pick a food	2
PB07	View food detail	User	View food detail	I can view more information about food	2
PB08	View direction	User	View direction	I can view location of food store on map	2

MEAL TODAY					
PB09	View meals depend on time	User	I can view meals for breakfast, lunch, dinner	I can easily pick a food	3
PB10	View meals depend on environmen t	User	I can view meals depend on season, temperature	I can easily pick a food	3
SETTINGS					
PB11	View history	User	View history	I can easily view history	3
PB12	View bookmark	User	View bookmark	I can easily view bookmark	3
PB13	Edit function	User	Edit function of application	I can edit application's function	3

2.2. Break down into Sprint Backlog

Table 2: Break down into Sprint Backlog

Sprint	Function	Started day	Due day
SPRINT 0	Set up environment, server, database	09/09/2019	13/09/2019
SPRINT 1	Login, Logout	16/09/2019	20/09/2019
SPRINT 2	View profile, edit profile, change password, forget password Create team, edit team, delete team, view swimmer in team	23/09/2019	27/09/2019
SPRINT 3	Send list swimmer account generated to email add swimmer into team, delete swimmer in team.	30/09/2019	04/10/2019
SPRINT 4	Create exercise, edit exercise, delete exercise	07/10/2019	11/10/2019
SPRINT 5	Create lesson, edit lesson, delete lesson	14/10/2019	18/10/2019

SPRINT 6	Create lesson plan, edit lesson plan, delete lesson plan	21/10/2019	25/10/2019
SPRINT 7	Add record, swimmer's functions	28/10/2019	01/11/2019
SPRINT 8	swimmer's functions, Add record, chart by month	04/11/2019	08/11/2019
SPRINT 9	swimmer's functions, chart by month, chart by quarter	11/11/2019	15/11/2019
SPRINT 10	swimmer's functions, chart by quarter, chart by year	18/11/2019	22/11/2019
SPRINT 11	chart by year, video	25/11/2019	29/11/2019
SPRINT 12	Retesting all & prepare for release	02/12/2019	06/12/2019

3. Constraint

Table 3: Constraint

Constraint	Condition
Time	Project completion time limit in 1296 hours so time to complete project be restricted
People constraint	4 people working together to finish the project
The integrated system	Must be connected to Internet network to operate
Requirements	According to Product Owner's Requirements

4. Stakeholders and User Descriptions Summary

Table 4: Stakeholders and User Descriptions Summary

Name	Description	Role
Product Owner	The Person who give the Requirement	Provide information to develop the system. Make the decision to accept and implement the project, do the unit test
Scrum Master	This is the stakeholder who leading, manage the system development Team	Controlling, managing, monitoring, make sure the project complete on time, within budget, according to plan and according to requirements
Requirement Analyzer	This is a stakeholder that works with the Analysts to correctly	Specifies the details of one or more a parts of the system's

	translate requests or needs into requirements to be used for design	functionality by describing one or the aspects of the requirements, This will include functional and non-functional
Software Architect	This is a stakeholder that is primary for leading the system development	Responsible for the software architecture, which includes the key technical decisions that constrain the overall design for the project
Coder	This is a stakeholder that programs the software	Implement the project