



**International School**

## **Capstone Project 2**

**CMU-SE 451 – C2SE.12**

### **Product Backlog**

**Version 1.0**

**Date: March 20<sup>th</sup>, 2021**

## **Learn English Together**

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## PROJECT INFORMATION

<b>Project acronym</b>	LET		
<b>Project Title</b>	Learn English Together		
<b>Start Date</b>	26 Feb 2021	<b>End Date</b>	08 Jun 2021
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## DOCUMENT NAME

<b>Document Title</b>	Product Backlog Document		
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<b>Role</b>	Product Owner, Team Member, Scrum Master		
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## REVISION HISTORY

Version	Person(s)	Date	Description
1.0	Le Thanh Ha	20-Mar-2021	Create product backlog document

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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 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

- Lists the user's role.
- Write all the user's requirements.
- Lists some main function of 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

*Table 1: 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.mountangoatsoftware.com/agile/scrum/product-backlog/example/">http://www.mountangoatsoftware.com/agile/scrum/product-backlog/example/</a>	Product Backlog Example

## 2. Product Backlog

### 2.1. Product Backlog Specification

Priority and Estimates

Priorities are set from 1 to 5.

- The maximum priorities are 5
- The minimum priorities are 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

**Table 1: Product Backlog Specification (Admin)**

ID	Theme	As a/an	I want to	So that	Priority
PB01	Manager accounts	Admin	Have a manager account	I can monitor and manage users account	5
PB02	Manager groups	Admin	Have a manager group	I can monitor and manage all group	5
PB03	Manager courses	Admin	Have a manager course	I can monitor and manage all courses	5
PB04	Manage system	Admin	Manage the system	I can view and manage the entire system	5
PB05	View dashboard	Admin	View dashboard	I can have an overview of the users and activity on the system	4

**Table 2: Product Backlog Specification (Volunteer)**

ID	Theme	As a/an	I want to	So that	Priority
PB01	Register	Volunteer	Register an account	I can have an Account.	5
PB02	Login	Volunteer	Login into the website	I can use the function of the web.	5
PB03	Manager groups	Volunteer	Have a manager group	I can monitor and manage member in the group	4
PB04	Manager events	Volunteer	Have a manager event	I can monitor and manage member in the event	
PB05	Edit my profile	Volunteer	Edit my profile.	I can update my information when information need change.	2
PB06	Support users	Volunteer	Support user learning	I can connect and support learning for users	4
PB07	Message	Volunteer	Chat with users in system.	I can communicate with them.	4



**Table 3: Product Backlog Specification (User)**

ID	Theme	As a/an	I want to	So that	Priority
PB01	Register	User	Register an account	I can have an Account.	5
PB02	Login	User	Login into the web	I can use the function of the web.	5
PB03	Edit profile	User	Edit my profile	I can manage my account	3
PB04	Learn Vocabulary	User	Learn vocabulary	I can learn vocabulary on the system	4
PB05	Group	User	Join a group	I can participate in academic exchanges here.	4
PB06	Join event	User	Join an event	I can participate in event activity	4
PB07	Find random supporter	User	Find random supporters.	I can have questions answered when I have trouble.	4

### 3. Constraint

**Table 3: Constraint**

Constraint	Condition
Time	Project completion time limit in 3 months so time to complete project be restricted
People constraint	4 people working together to finish the project
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 gives the Requirement.	Duy Tan University
Scrum Master	This is the stakeholder who leading, manage the website development Team.	Le Thanh Ha
Requirement Analyzer	This is a stakeholder that works with the Analysts to correctly translate requests or needs into requirements to be used for design.	All Member
Software Architect	This is a stakeholder that is primary for leading the website development.	Ngo Ngoc My
Coder	This is a stakeholder that programs the software.	All Member