

**International School**

**CDIO Project**

**CMU-CS 447 LIS**

**Product Backlog**

**Version 1.0 Date: March 6th, 2024**

**ECHO EPIC BOOKSTORE**

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**PROJECT INFORMATION**

|  |  |  |  |
| --- | --- | --- | --- |
| **Project acronym** | EEBOOK | | |
| **Project Title** | Echo Epic Bookstore | | |
| **Start Date** | 10 Jan 2024 | **End Date** | 06 Mar 2024 |
| **Lead Institution** | International School, Duy Tan University | | |
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**DOCUMENT NAME**

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# 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.

## 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.

## 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.

## References

### Table 1: References

|  |  |  |
| --- | --- | --- |
| **No** | **Reference** | **Note** |
| 1 | [http://agilebench.com/blog/the-product-backlog-for-](http://agilebench.com/blog/the-product-backlog-for-agile-teams) | How to create product backlog |
| 2 | [http://www.mountaingoatsoftware.com/agile/scrum/prod](http://www.mountaingoatsoftware.com/agile/scrum/product-backlog/example/) | Product Backlog Example |

# Product Backlog

## 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 categories | Admin | Have a manager categories | I can monitor and manage all categories | 5 |
| PB03 | Manager products | Admin | Have a manager products | I can monitor and manage all products | 5 |
| PB04 | Manage tags | Admin | Manage the tags | I can view and manage the entire tags | 5 |
| PB05 | Manage blogs | Admin | Manage the blogs | I can view and manage the blogs | 4 |

### Table 2: 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 website | I can use the function of the web. | 5 |
| PB03 | View list books | User | View list books | I can View list books | 4 |
| PB04 | View blogs | User | View blogs | I can monitor and View blogs |  |
| PB05 | View list categories | User | View list categories | I can View list categories | 2 |
| PB06 | View cart | User | View cart | I can View cart | 4 |
| PB07 | Pay | User | Pay | I can  Pay | 4 |

# 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 |

# 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. | Tran Phuc Nhan |
| **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. | All Member |
| **Coder** | This is a stakeholder that programs the software. | All Member |