**MINISTRY OF EDUCATION AND TRAINING**

**DUY TAN UNIVERSITY**



**RENTING HELPER -**

**A SUPPORT SYSTEM FOR**

**FINDING HOUSE FOR RENT ON ANDROID OS**

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**PRODUCT BACKLOG DOCUMENT**

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**Da Nang, Feb-2018**

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| **PROJECT INFORMATION** | | | | | | |  |  |  |  |
| **Project Acronym** | RH | | | | |
| **Project Title** | Renting helper - a support system for finding house for rent on Android OS | | | | |
| **Start Date** | 01– Feb – 2018 | | **End Date** | 15 – Mar – 2018 | |
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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

* Provides a prioritized features list, containing short description of all functionalities 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.
* Writes all the user’s requirements.
* Lists some main function of system.
* Short description of all the functionality desired in the product.
* Given the priority of each feature and function of the product.

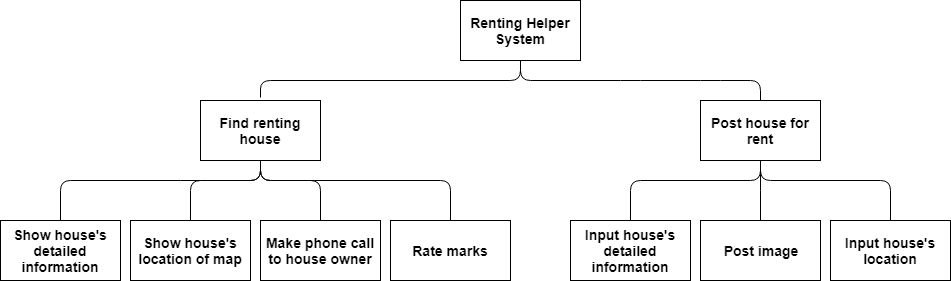
## References

*Table 1.1: References*

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

# PRODUCT BACKLOG

## Product backlog items diagram



##### Figure 2.1: Function Diagram

## Product backlog specification

###### Table 2.1: Product Backlog Specification

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Theme** | | **As a/an** | **I want to** | **So that** | **Priority** |
| **FIND RENTING HOUSE** | | | | | | |
| PB01 | Home page | | User | Find house by location, money, … | I can see which house fits my needs | must have |
| PB02 | House for rent’s details | | User | See house’s detailed information | I can see if house fits my needs | must have |
| PB03 | House for rent’s details | | User | See house’s image | I can see if house fits my needs | must have |
| PB04 | House for rent’s details | | User | See address of house on map | I can know house’s location clearly | must have |
| PB05 | House for rent’s details | | User | See house owner contact detail | I can rent a house | must have |
| PB06 | House for rent’s details | | User | Rate marks for the house I just rented | Other people can know it’s a good or bad place | optional |
| **POST HOUSE FOR RENT** | | | | | | |
| PB07 | | Homepage | User | Post a house’s information to system | I can rent my house | must have |
| PB08 | | Posting renting house details | User | Input house’s information | House seekers can see my house’s information | must have |
| PB09 | | Posting renting house details | User | Upload images | House seekers can see my house’s images | must have |
| PB10 | | Posting renting house details | User | Input house’s location | House seekers can see my house’s location clearly | must have |

# CONSTRAINTS

###### Table 3.1: Constraint

|  |  |
| --- | --- |
| **Constraint** | **Condition** |
| **Time** | Project completion time limits in 200 hours. |
| **People constraint** | 5 people work together to finish the project |
| **The integrated system** | Must be connected to Internet to operate. |
| **Requirements** | According to Product owner’s Requirements |

# STAKEHOLDERS AND USER DESCRIPTIONS SUMMARY

###### Table 4.1: Stakeholders and User Descriptions Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Role** |
| **Product Owner** | The person who give the requirement | Provides information to develop the system, makes 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 | Controls, manages, monitors, and makes sure that the project will be completed on time, within budget, according to plan and requirements. |
| **Requirement Analyzer** | 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 a parts of the system’s functionalities by describing one or the aspects of the requirements (functional and non-functional) |
| **Software Architect** | This is a stakeholder that is primary for leading the system development | Design 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 |