

**CAPSTONE PROJECT 2**

**Project: Location-based Advertising System**

**USER STORY DOCUMENT**

Version 1.2

Date: Jan 28, 2018

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**Project Information**

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| **Project acronym** | LBA | | |
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**User Story Document**

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| --- | --- | --- | --- |
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| **Team Information** | **Name** | **Role** | |
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Table of Contents

[1. Introduction 6](#_Toc513538015)

[**1.1.** **Document overview** 6](#_Toc513538016)

[2. User Story of “Location-based Advertising System” 6](#_Toc513538017)

[3. Table User Story’s Priority 10](#_Toc513538018)

1. **Introduction**

In the field of software development, User Story (User Stories) is one or more sentences describing natural language (not technical language) or business language of the end user or system user to record what the user needs to do or not to do as part of their job or task. User stories are used in methods like Agile software development is the basis for determining the functions of the system are business development and create favorable conditions for requirements management. Help yourself to know the “who”, “what” and “why” in a simple request, short, often only limited by what details can be written on a piece of paper notes, small scrap paper.

User story is written by business users as the primary way users because they understand most of the process, work flow and functionality of the system should be working now. User story can also be written by developer to express non-functional requirements (such as security, performance, quality)

* 1. **Document overview**
* This document provides a user story and goal-oriented view of the Location-based Advertising System project which delivers several key project benefits below:
* It helps answer the question “What does this project do?” for the business, project sponsors, developers and architects including clearly defining scope.
* It supports to define target and future state architectures.
* It helps understand required capabilities to support a project.
* It provides a meaningful resource which can be used in conversation between the business and architecture team.

1. **User Story of “Location-based Advertising System”**

***Table 1: User Story Specification***

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Theme** | | **As a/an** | **I want to** | **So that** | | **Priority** | |
| **REGISTER & LOGIN/ LOGOUT** | | | | | | | | |
| US01 | Register | | User | Register account for myself | I can use the website/mobile | |  | |
| US02 | Login | | User | Access to the system by my account | I can use the website/mobile | |  | |
| US03 | Logout | | User | Log out system | I can stop using website/mobile and I can log in later | |  | |
| **ACCOUNT MANAGEMENT** | | | | | | | | |
| US04 | Change password | | User | Change my password regularly | I can keep it secure or make it easier to remember. | |  | |
| **MOBILE APPLICATION** | | | | | | | | |
| US05 | Search | | Customer | search something, they care | I can view list information about it when I input information and click on [Search] | |  | |
| US06 | Push Notifications | | Customer | receive notifications when new promotions occur | I can update and visit | |  | |
| US07 | View promotions | | Customer | view all list promotions on map or lists or camera (AR). | I can view details information about the promotion I like | |  | |
| US08 | Save Favorite Ads | | Customer | save my favorite ads | I can visit the shop in the next time | |  | |
| US09 | View List of Shops Within the Specified Radius | | Customer | view a list of shops within the specified radius | I can visit the shop easier. | |  | |
| US10 | Rate a Shop | | Customer | rate a shop | reflect on the shop and quality of service | |  | |
| US11 | Take suggestions for Directions and Estimate the Distance | | Customer | receivesuggestions for directions and estimate the distance | reflect on the shop and quality of service. | |  | |
| US12 | View the list of Shops by Tag. | | Customer | view the list of shops by Tag | I can know which Shop has the best quality of service. | |  | |
| **WEB APPLICATION (For Shop owner)** | | | | | | | | |
| US13 | | Create Shop | Shop Owner | Create a shop for shop owner | | I can add Shop on a account. | |  |
| US14 | | Edit Shop Information | Shop Owner | Edit shop information | | I can be updated information, add more picture, change avatar or business policy of my shop. | |  |
| US15 | | View Shops | Shop Owner | Views all shops | | I can manage my shops | |  |
| US16 | | View Statistic shop | Shop Owner | View statistic of my shops. Include: number of shops, number of progressing shops, number of locked shops | | I can know general my shop | |  |
| US17 | | View shop detail | Shop Owner | View information detail of shop | | I know information, avatar, pictures and position my shop | |  |
| US18 | | View views chart of shop | Shop Owner | View views line chart of shop | | I know number of views of my shop through each period | |  |
| US19 | | Delete shop | Shop Owner | Delete a shop | | I will delete my shop from the system | |  |
| US20 | | Close Shop | Shop Owner | Close a shop | | My customers can’t see my shop temporarily | |  |
| US21 | | Add new promotion | Shop Owner | Add a promotion | | My customers can see my promotion | |  |
| US22 | | View statistic of promotions | Shop Owner | View statistic of my promotions as number of promotions, operated promotions, closed promotions, future promotions | | I can know general information of promotions of my shop | |  |
| US23 | | Edit promotion | Shop Owner | Edit promotion information of my shop | | I can change information or picture of the event | |  |
| US24 | | Delete promotion | Shop Owner | Delete a future and operated promotion | | My customers can’t see the promotions anymore | |  |
| US25 | | View promotion detail | Shop Owner | View information detail of a promotion | | I know information detail of a promotion | |  |
| US26 | | View promotion | Shop Owner | View all my promotions | | I know all my promotions | |  |
| US27 | | View payment history | Shop Owner | View my payment history | | I know my transaction sessions | |  |
| US28 | | View customer commends | Shop Owner | View all customer commends about shop | | I know review of customers about the shop | |  |
| US19 | | Payment | Shop Owner | pay for promotions | | my promotion can reach more customer and I can use advanced function. | |  |
| US30 | | Budget Management | Shop Owner | View all my transaction sessions with the system | | I can manage my transaction sessions | |  |
| **WEB APPLICATION (For Shop Admin)** | | | | | | | | |
| US31 | | Manage admin account | Admin | View list admin account | | I can add or remove admin from list. | |  |
| US32 | | Manage customer account | Admin | View list  customer account | | I can know how many customer of LBA system and remove invalid account | |  |
| US33 | | Manage shop owner account | Admin | View list shop owner account | | I can know how many owners of LBA system and remove or block invalid account | |  |
| US34 | | Manage shop | Admin | View list shop of owner | | I can know how many shops from the owner of and remove the invalid shop | |  |
| US35 | | Manage promotions | Admin | View list promotions of the shop | | I can know how many promotions   of LBA system and remove invalid promotions | |  |
| US36 | | Add admin account | Admin | Add more admin to the system | | I can manage LBA system better | |  |
| US37 | | Delete | Admin | Delete account or promotion | | I can delete admin/customer/ shop/shop owner/promotion if it necessary | |  |
| US38 | | Block Shop Owner | Admin | block Shop Owner if they violate the contract or the requirement of the system. | | I can show the correct data to the mobile app. | |  |
| US39 | | Statistics | Admin | View information about LBA system | | I can know a total of customer/shop owner/shop/ promotion of LBA system. | |  |

# Table User Story’s Priority

***Table 2: User Story Priority***

|  |  |  |
| --- | --- | --- |
| **User Story ID** | **User Story Name** | **Priority** |
| US01 | Register Account | High |
| US02 | Log in into system | High |
| US03 | Log out system | High |
| US04 | Change password | Low |
| US05 | Search | High |
| US06 | Notifications | Medium |
| US07 | View promotions | Medium |
| US08 | Save favorite ads | High |
| US09 | View list of shop within the specified radius | Medium |
| US10 | Rate a shop | High |
| US11 | Suggestions for directions and estimate the distance | Medium |
| US12 | View the list of shops by Tag | Medium |
| US13 | Create Shop | High |
| US14 | Edit Shop Information | Medium |
| US15 | View Shops | Medium |
| US16 | View Statistic shop | High |
| US17 | View shop detail | Medium |
| US18 | View views chart of shop | High |
| US19 | Delete shop | Medium |
| US20 | Lock Shop | Medium |
| US21 | Add new promotion | High |
| US22 | View statistic of promotions | Medium |
| US23 | Edit promotion | Medium |
| US24 | Delete promotion | High |
| US25 | View promotion detail | Medium |
| US26 | View promotion | High |
| US27 | View payment history | Medium |
| US28 | View customer commends | Medium |
| US19 | Payment | High |
| US30 | Budget Management | Medium |
| US31 | Manage admin account | Medium |
| US32 | Manage customer account | High |
| US33 | Manage shop owner account | Medium |
| US34 | Manage shop | High |
| US35 | Manage promotions | Medium |
| US36 | Add admin account | Medium |
| US37 | Delete | High |
| US38 | Block Shop Owner | Medium |
| US39 | Statistics | Medium |