

[Foodies]

Design Document



May 6, 2019

Design Document

Project Name: Foodies

Project Manager: Aya Hamdy

Synopsis: Initial Design Document

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Prepared by: Marwa El-sheshtawy

Authorized by: Foodies Team

* **Revision History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **Issue Date** | **Changes** | **Author** | **Reviewed By** |
| 1.0 | 06-05-2019 | Initial version | Marwa El-sheshtawy |  |
| 1.1 | 07-05-2019 | Add Architecture Diagram | Aya Hamdy |  |
|  |  |  |  |  |
|  |  |  |  |  |

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# Introduction

The Software Design Document to provide documentation which will be used to aid in software development by providing the details for how the software should be built. Within the Software Design Document are narrative and graphical documentation of the software design for the project including use case models, sequence diagrams, object behavior models, and other supporting requirement information.

## Document Purpose

The purpose of the Software Design Document is to provide a description of the design of a system fully enough to allow for software development to proceed with an understanding of what is to be built and how it is expected to built. The Software Design Document provides information necessary to provide description of the details for the software and system to be built.

## 1.2 Project Overview

**Foodies** is a web app that will provide a good source of the nearby restaurants so the users can discover, browse all the restaurants near him or perform a keyword search and order their food from mouthwatering photo-driven menus.

## 1.3 Document Scope

This Software Design Document is for a base level system which will work as a proof of concept for the use of building a system that provides a base level of functionality

## 1.4 Document Audience

* Development team
* Testing team
* Project Manager
* Product owner

# System Architectural Design

## High Level System Architecture



Figure 1 Foodies Sys Architecture

## Use Case Diagram

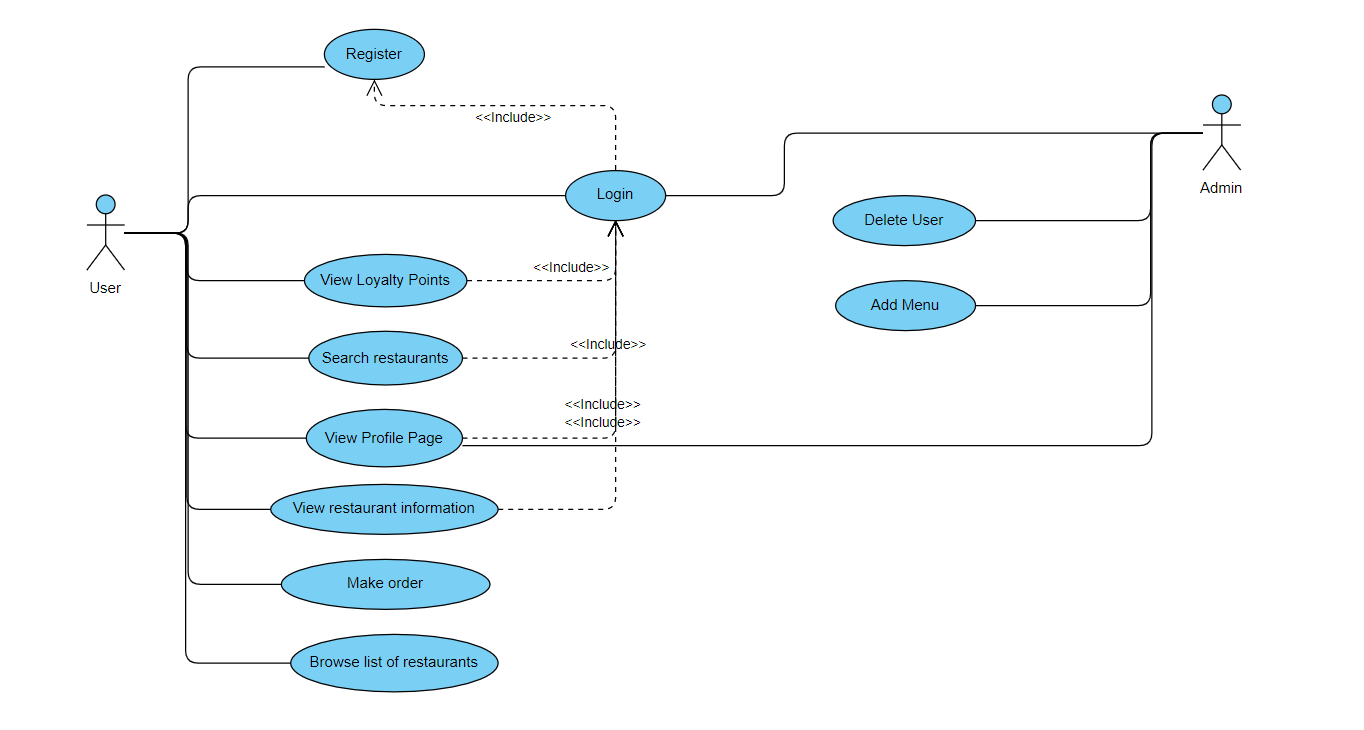


Figure 2 Foodies\_Sys\_UseCase\_001

* + 1. Use Case Scenarios

2.2.1.1 Register Use Case Scenario:

|  |  |
| --- | --- |
| **Foodies\_Sys\_UseCase\_001** | UseCase\_ID |
| Register | Scenario Name |
| User | Actors |
| A user of the System creates an account by entering his personal information to registers in the system. | Brief Description |
| None | Pre-condition |
| |  |  | | --- | --- | | **System Response** | **Actor** | |  |  | | Post condition |
| |  |  | | --- | --- | | **System Response** | **Actor** | |  |  | | Steps |

Table 1: Register Use Case Scenario.

2.2.1.1 Login Use Case Scenario:

|  |  |
| --- | --- |
| **Foodies\_Sys\_UseCase\_002** | UseCase\_ID |
| login | Scenario Name |
| User/Admin | Actors |
| A user of the System can login using his valid credentials. | Brief Description |
| User/Admin must be registered before. | Pre-condition |
| |  |  | | --- | --- | | **System Response** | **Actor** | |  |  | | Post condition |
| |  |  | | --- | --- | | **System Response** | **Actor** | |  |  | | Steps |

Table 2: Login Use Case Scenario.