

CSE 305 – Software Engineering
2020-Fall Midterm

Software Requirements Specification of YumYum (Restaurant Finder App)

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1. Introduction

This document describes the software requirements for the project “YumYum”, which is an educational assignment within the compulsory course Software Engineering (CSE305) at Adnan Menderes University Computer Engineering Department.

1.1 Purpose (of SRS)

The purpose of the *software requirement specification* is to provide a full description of the project “YumYum”, so developers of this project can obviously report what is planned to do and inform the instructor about their actual progress referring to outlines. Also this document is considered as a schedule to manage educational work of development team.

1.2 Product Overview

The product of this project is a web application under the brand YumYum. YumYum serves as a restaurant finder app.

The aim of the application is to help people to find restaurants and bring together the peoples reviews about their experience in that place. Clients of the application will be able to criticize restaurants by giving stars and adding their personal comments.

1.3 Documents Overview

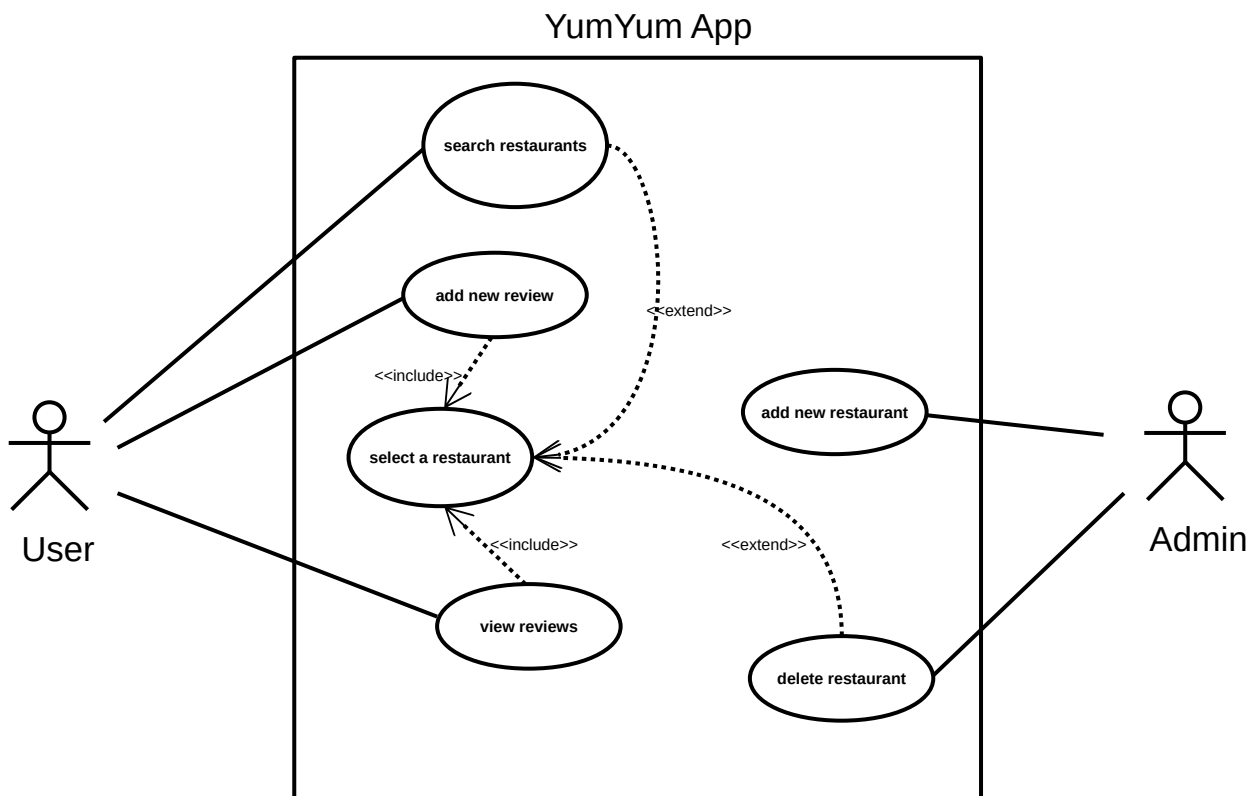
Second section of the SRS describes general concepts and functionality of the system. Also includes explanations about use cases and constraints in practical usage of the system.

Third section of the SRS contains non functional constraints and dependencies of the app.

Fouth section of the SRS is glossary. You will find definitions of the keywords, abbreviations and acronyms used in the SRS.

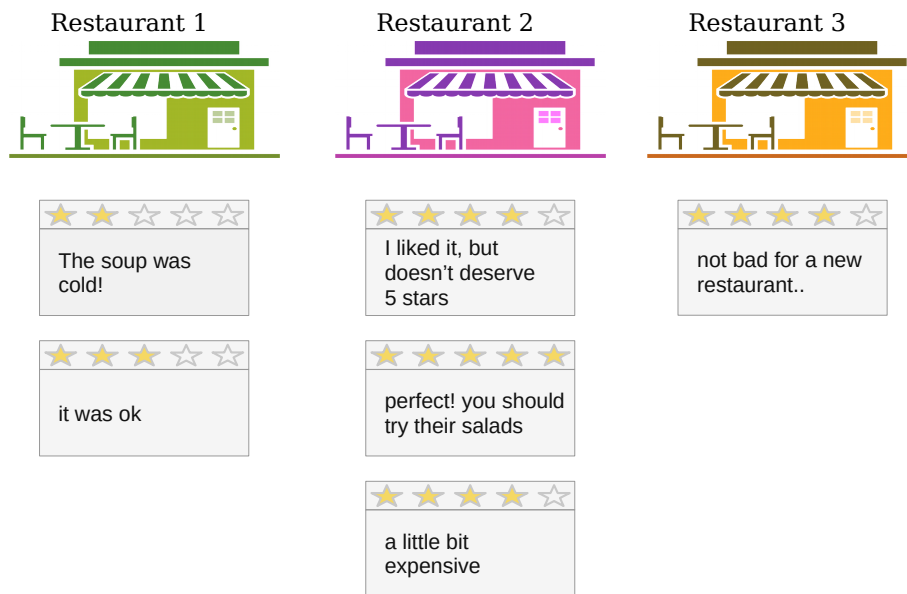
2. Functional Requirements

2.1 Use Case Diagram



2.2 General Concepts

Below drawing illustrates the intended onboard of the front-end. Restaurants are the main entities in the application and they have reviews and stars as their attributes.



2.3 User Stories

Logically use cases are separated into 3 possible scenarios:

1) Add New Review: User leaves a restaurant, and then uses YumYum to share his thoughts about their service by adding review.

preconditions: user opened the app, user selected a restaurant

postconditions: average rating of the restaurant recalculated, restaurant dashboard updated

2) View a Restaurant information: User is curious about a restaurant that s/he wants to go first time, and then uses YumYum to get information about that place.

preconditions: user opened the app, user selected a restaurant

postconditions: user had an opinion about to go or not to go

3) Search Restaurants: User does not have a clue about where to eat, and then uses YumYum to find a good place.

preconditions: user opened the app

postconditions:

3. Non-Functional Requirements

3.1 Constraints

The system may not involve every restaurants in real world and should not assure that.

3.2 Assumptions and Dependencies

The system works on browsers. Assuming that user has a device that has a web browser and able to enter the internet address of the app. User also must have internet connection. Nothing else needed in client side to use the app.

4. Glossary

4.1 Definitions, Abbreviations and Acronyms

Abbreviations and Acronyms:

SRS:	Software Requirements Specification
app:	Application
web app:	Web Application

Definitions:

The technical word ‘app’ or ‘application’ is used to represent the front-end and its functionality. Another technical word ‘system’ represents the whole parts of the software product and its functionalities.

4.2 References and Acknowledgments

<https://standards.ieee.org/standard/830-1998.html>

<https://ieeexplore.ieee.org/document/6146379>