

SOFTWARE ENGINEERING

PART 3

SOFTWARE REQUIEREMENTS SPECIFICATION

TARİFİ BENDE

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1.) Introduction

Our website's name is 'Tarifi Bende'. We are going to design this website because of requirements. Anyone wants to reach related information in one hand. Thanks to this site everyone can attain different types of meals at only one website. In this section we are going to talk about our project's aim, scope, acronyms and abbreviations.

1.1) Purpose

Our website's purpose is to bring people together in a virtual world and share their recipes with other users. Also, thanks to this website we are going to plan a small and enjoyable competition between housewives. They will take grade from other users and try to become the first of the week, month and year. Another aim is to teach something about recipes to people who don't know about meals or learn tricks of specific meals.

1.2) Scope

Our website helps the users in order to access information about the meals in a quick way. Nowadays, everyone does their job in the internet and almost no one utilizes from paper and pencil in daily routine life. That's why users can easily access information about meals and cooking tricks from our website without using any tools. By this way people will not spend time for this issue thanks to our site.

'TarifiBende.com' will not contain any erroneous information about meals and recipes. Also, some messages may be forbidden from the administrator for their inappropriate contents. For this point our website will be reliable for every user.

1.3) Definitions, Acronyms & Abbreviations

User: A person who wants to share its recipe or comments to other users. There will be two types of user. 'Visitor' and 'Website's User'

Website's User: A real user which can share recipe and comments in the website to other users in order to inform them.

Visitor: A guest user which can only see recipe and comments. This type of users can not share any recipe or comments unlike real users. If they register to our system, then they will become a real user.

Administrator: A person who checks recipes and comments about the meals and determines whether comment or recipe acceptable or not.

ASP.NET: A technology for developing new generation web programs.

MS SQL: A type of database which will store information about meals, comments, info etc.

C#: Object oriented programming language which executes in Microsoft platform.

1.4) References

- Ian Sommerville ‘Software Engineering’
- Requirement Specification Template

2.) General Constraints

Software Limitations:

- System shall need any web browser such as Google Chrome, Mozilla Firefox...
- Application will be developed on Windows Operating System while using Microsoft Visual Studio for ASP.NET and C# programming languages.

Hardware Limitations:

- Each user shall need an internet connection at their tablets, computers or smart phones.
- The database shall be stored on MS SQL Server Management for some data for users to reach the information.

3.) Assumptions & Dependencies

- **Skill:** The application that the user has enough skill to use computer, tablet or smartphone.
- **Operating System:** The application is dependent on any OS such as Windows, Linux, Android which has any web browser.
- **People:** It is assumed to all people who want to cook.
- **Internet:** The system assumes that you have an active internet connection.

4.) Requirements

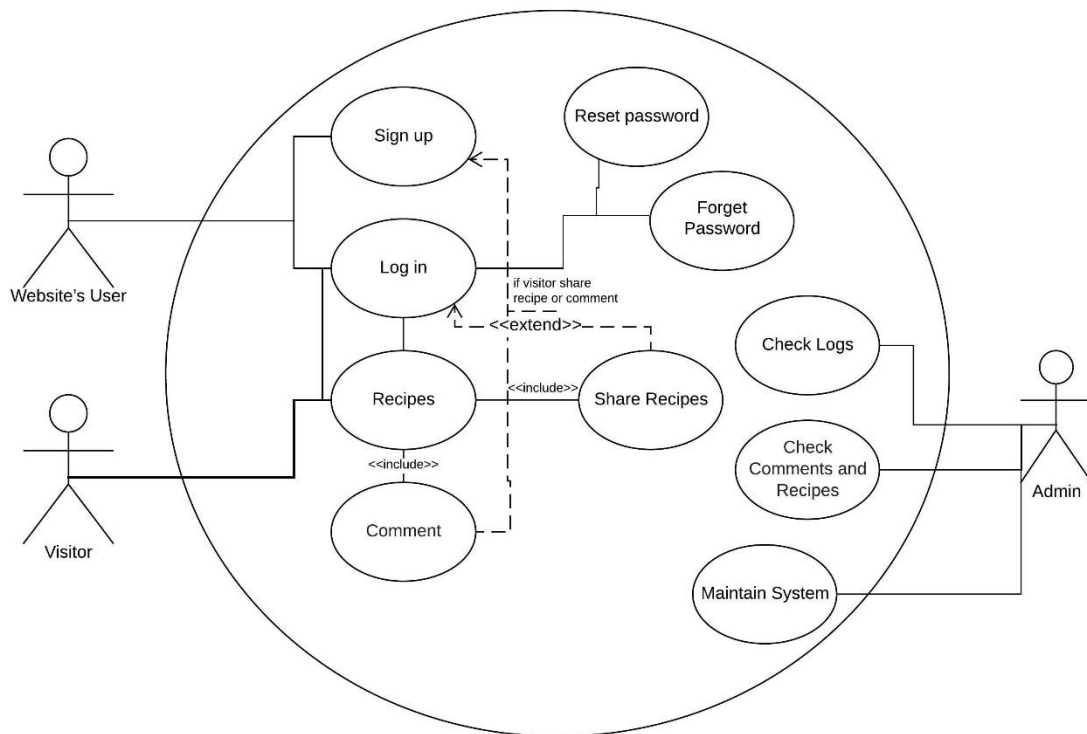
Functional Requirements

- Everyone will see the recipes and comments on the site.
- Only members will be able to share comments and recipes.
- Members can be added photos to the recipes.

Non-Functional Requirements

- The website will work on all operating systems, which are internet browsers.
- 100,000 people can use this site at the same time.
- Meal of the week and month will be determined by the admin.(Based on the rating)

5.) Case Diagram



6.) Sharing of Duties

In the 3rd step of the project, first of all we met and discussed about this step. We shared our ideas to each other and divide duties into three parts. First question is made by Emin Ahmet Yazıcı. Second and third questions are made by Emrullah Başoda. Finally, fourth and fifth questions are made by Burak Ruşen. These questions are made by from specific student. But at the end we shared and discussed on these answers and made some changes according to our discussion.