FoodGram web community

String Boot web application

Version 1.0

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| **03/04/2019** | **1.0** | **First steps** | **Jakab Gyongyi Aniko** |
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Vision

# Introduction

## Purpose

The purpose of this document is to collect, analyze, and define high-level needs and features of the *FoodGram*. It focuses on the capabilities needed by the stakeholders and the target users, and why these needs exist. The details of how the *FoodGram* fulfills these needs are detailed in the use-case and supplementary specifications.

## Scope

This Vision Document applies to the *FoodGram* web application, which will be developed by Jakab Gyongyi Aniko. The *FoodGram* application will provide a way for food lover individuals to keep in touch, find more recipes for a specific occasion, but also to develop an online community for posting and sharing recipes with pictures associated like on a food centered Instagram.

## Definitions, Acronyms, and Abbreviations

FoodGram – Instagram like online community centered on individuals loving to eat and share food

String Boot – Framework used to make Java based application components easy to develop and integrate

Thymeleaf – Template engine used to create application based on MVC architectural pattern

JPA – Java Persistence API – used for managing relational data in Java applications

JDBC – Java Database Connectivity API – used to define the database access methods

MySQL/PostgreSQL – relational databases used for this project

HTML – Hypertext Markup Language – used to create views in the application

CSS – Cascading Style Sheets – used to styles created in HTML

JS – JavaScript high-level interpreted programming language – used to make views of application more dynamic

Consult the Glossary for further terms.

## References

1. Vision Document Templates
2. Spring Boot information source page

<https://spring.io/projects/spring-boot>

1. HTML5 – CSS3 – JavaScript web development course

<https://www.udemy.com/the-web-development-course-html5-css3-javascript/>

## Overview

The further Vision document will present a general introduction of the idea of this project, why I considered it to be a good fit for a specific range of individuals, when, where and exactly for what can be used.

# Positioning

## Problem Statement

|  |  |
| --- | --- |
| **The problem of** | Individuals posting recipes or food pictures on Instagram or Facebook |
| **affects** | hungry or just note that foody individuals |
| **the impact of which is** | annoyed or even more hungry people |
| **a successful solution would be** | to separate the multiple types of individuals, and to offer those interested in cooking a platform to reach out for each other |

## Product Position Statement

|  |  |
| --- | --- |
| **For** | Food and cooking lovers |
| **Who** | are trying to reach out to other with similar interest |
| **The FoodGram** | is a software application |
| **That** | provides the ability to communicate with others and keep an up to date profile about a specific interest |
| **Unlike** | currently available web communities that merge all interest into one with adds and other popups that may annoy general users |
| **Our product** | provides users with means of expressing themselves, and more easily understanding others and their tastes. This is accomplished by post management system, which keeps track of your interest in food, color pallet that you prefer or specific users |

# 

# Stakeholder and User Descriptions

To effectively provide products and services that meet our stakeholders’ and users' real needs, it is necessary to identify and involve all of the stakeholders as part of the Requirements Modeling process. This section provides a profile of the stakeholders and users involved in the project, and the key problems that they perceive to be addressed by the proposed solution.

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Requirements Engineers | This stakeholder works with customers and stakeholders to translate needs into requirements. | Specifies domain, non-functional, and functional requirements. Refines requirements as needed. |
| Software Architect | This stakeholder is a primary lead in the development of FoodGram. | Responsible for overall architecture of the system and guides overall design and implementation of system. |
| Project Manager | This stakeholder leads development of FoodGram. | Plans, manages and allocates resources, decides priorities, coordinates interactions with customers and users, and keeps the project focused. |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Food posters | Primary end user of the application | Uses application to post images of the food eaten daily or occasionally but is not necessarily interested in others | Self |
| Recipe searchers | Primary end user of the application | Uses application to find appealing foods for his/her taste, but not necessarily is posting personal content | Self |
| “Chefs” | Primary end user of the application | Uses application to post personal content, meaning recipes and images and is also interested to interact with others opinion | Self |

## User Environment

Number of people involved in completing the task: 1, and it’s not changing.

The amount of time spent on task would be around a week, each component or so called microservice of this application will be implemented incrementally.

As the first version of this application I’m trying to create a desktop version, however it will be a web application. At the moment of launching it a Heroku cloud it will also be reached from any device that has internet connection, in the future making a specific mobile view version of the application.

For the moment the web application is easily reachable from desktop version, however I would also like to create a mobile application version for Android users.

Other similar application like Instagram or Facebook are currently in use, so I would also like the possibility of an individual to be able to sign in with his/her other account information, just to make reaching out to others more easier.

# Product Requirements

None specified.