A Plate

Project Vision Document

Version 1.0

9/28/2021

Revision History

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Edit	September 18, 2021	Kazi Hasanus Safa	Kursad Ozduman	Draft
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Document Approval List

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1   Introduction

This section contains an overview of the project. It contains information about what the purpose of the project is, why we chose this project, opportunities, and future expectations.

1.1   Purpose

The purpose of this document is to collect, analyze and describe the needs and specifications for the "A Plate" project. It briefly examines why these needs exist, along with the users' needs. Finally, we will provide an overview of how we aim to meet these needs by providing a business context analysis, as well as any additional documentation.

1.2   Scope

Developed by Aplate company, the project is primarily intended to be developed for web platforms but is intended to be made available on the Android mobile platform later on. The project allows users to easily list the discounts offered by the restaurants, to register easily and to take advantage of the opportunities. Users who come together at the tables of designated restaurants will both benefit from discounts and grow their networks by coming together with people they do not know. User experience rating system for restaurants given by users.

1.2.1   In Scope
Aplate is web-based application with a future Android application linked a REST API backend. Aplate will allow restaurants to run a promotion and determine that it will be on certain days and at designated tables. Restaurants will be subject to a certain fee in return for the campaigns they give. An advertising space will be provided in the project to fill it with third-party ads to generate revenue. Users will be able to register for any campaign they want and give ratings to restaurants. The app will include social media icons that allow users to quickly sign up, log in and share content on their social media accounts.

1.2.2   Out of Scope

The application will be free for users, there will be no paywalls for users.

1.3   Definitions, Acronyms, and Abbreviations

Android – The operating system that runs on smartphones. It is one of the target platforms to be designed for our project.

REST API - Representational state transfer is a software architectural style that was created to guide the design and development of the architecture for the World Wide Web

1.4   References

Reference File Name	Version	Description
Process Specification	1.0	Process Specification Requirements Engineering Model https://personal.utdallas.edu/~chung/RE/Presentations10F/Team-hope/3%20-%20Process%20Specification%20-%20Final.pdf
Template for Creating a Project Vision Statement	1.0	Template for Creating a Project Vision Statement http://downloads.esri.com/support/ProjectCenter/Project%20Vision%20Overview.pdf

2   Positioning

2.1   Business Opportunity

Due to the disease that is currently spreading around the world, people are confined to their homes, and because of this situation, everyone's relationship with technology has started to develop even more. Some took their classes from home, some took care of their work from home, but in most cases, they had to do it alone and were removed from social life. Human beings are social creatures and become happy by socializing. Due to the diminishing effect of the pandemic, people have now started to go out and start to enter social environments slowly. People start to search for new search because of their long-term loneliness. Here A plate comes into play. It encourages people to go to social environments, enables them to benefit from discounted opportunities, and enables them to establish new friendships and networks.

2.2   Problem Statement

The Problem of	Due to the problem of staying at home for a long time and not being able to go out, people cannot develop their networks and due to this situation, there is a tendency towards loneliness.
affects	Everyone especially those who are far from social life
the impact of which is	People tend to stay away from their social lives and, as a result, a low increase in their networks.
a successful solution would be	A modern designed, easy-to-use, web and mobile integrated application that everyone can use easily, expand their networks, make new friends, and benefit from various discount campaigns.

Table 1 Problem Statement

2.3   Product Position Statement

For	everyone and restaurants
Who	wants to expand their network while enjoying time of eating and communicating
The "A Plate"	is a software application
That	provides everyone some discount opportunity at designated restaurant and give opportunity to expands everyone network around a table while enjoying their meal
Unlike	there is no application to compare with the same specifications
Our product	provides a web-based service to everyone to expand their network who is registered to the platform

Table 2 Product Position Statement

3   Stakeholder and User Descriptions

3.1   Stakeholder Summary

Stakeholder Name	Represents	Role
Software Developer and Analyst	He/She works with stakeholders to transform needs into requirements.	Refines functional and non-functional requirements
Software Architect	Leads the project development	Architecture the needs and guide the design and implementations.
Project Manager	Project Development	Deliver better and faster result

Table 3 Stakeholder Summary

3.2   User Summary

Username	Description	Responsibilities	Stakeholder
User (can be anyone)	End user of the system	Uses the application to access campaign, register campaign, give reviews	Self
Restaurants	End user of the system	Uses the application to create campaign	Self
Moderator	End user of the system	View/ Download content, manage accounts, contents, suspensions	Self
Administrator	End user of the system	Configure features, make operation running smoothly, fix and update the system	Self

Table 4 User Summary

4   Stakeholder Requirements

ID	Requirement	Stakeholder
1	Handle DNS request	Software Architect
2	Handle HTTP request	Software Architect
3	Start Application	Software Architect
4	Accept keyboard input	Software Architect
5	Exit application	Software Architect

Table 5 Stakeholder Requirements

5   System Features

ID	Feature	Stakeholder Requirement ID
1	Create account	1,2,4
2	Delete account	1,2
3	Access campaign	1,2
4	Register to campaign	1,2,4
5	View registered campaigns	1,2
6	Give review	1,2,4
7	Create campaign	1,2,4
8	Delete campaign	1,2
9	Advertise campaign	1,2,4
10	Access registered users	1,2

Table 6 System Features

6   Assumptions

1. it is assumed users have access to the internet and a web browser to access the A Plate environment,
2. it is assumed users are intended to expand their network,

7   Constraints

1. Easy to understand feature
2. Well-maintained infrastructure
3. Efficient and effective form validation
4. Quick response and minimum number of clicks
5. Secure payment mechanisms