Project Design Phase-II

Proposed solution template

Date	14-10-2023
Team ID	Team - 593379
Project Name	SNACK SQUAD
Maximum Marks	2 Marks

Proposed solution

A proposed solution, in the context of a project or problem-solving, refers to a suggested approach or plan to address a specific issue or achieve a particular objective. It outlines how we intend to tackle a problem or meet a set of requirements. The proposed solution is a well-thought-out strategy that lays out the steps, actions, or methods we will use to resolve the problem or achieve our project's goals.

S.NO.	PARAMETER	DESCRIPTION
1	**Problem statement**	The problem statement outlines the existing issues in the snacks ordering process. Traditional methods are often inefficient, leading to long wait times and limited menu options for customers. There's a clear need for a solution that simplifies the snacks ordering process, making it more convenient and user-friendly.
2	**Idea / Solution description**	This parameter explains the core concept of our snacks ordering Android app. The idea is to create a mobile application that allows users to easily browse through a diverse selection of snacks, place orders with customization options, and make secure payments through the app. Key features include menu exploration, order personalization, real-time order tracking, and support for various payment methods. The aim is to provide a hassle-free and enjoyable snacks ordering experience for users.

3	**Novelty / Uniqueness**	The uniqueness of our app lies in its innovative features. It includes a personalized recommendation engine that suggests snacks based on user preferences and dietary restrictions. Moreover, the app integrates with loyalty programs to reward frequent customers. These distinctive features set our app apart from existing solutions, offering a more tailored and rewarding snacks ordering experience.
4	**Social Impact / Customer Satisfaction**	Our app aims to have a positive social impact by reducing wait times, providing personalized recommendations, and offering a user-friendly interface. This, in turn, enhances customer satisfaction. Additionally, the app supports local businesses by optimizing order processing, ensuring that they can efficiently fulfill orders. It also contributes to reducing food wastage through better inventory management.
5	**Business Model (Revenue Model)**	The business model for our app is based on the freemium approach. Basic features are provided for free, while revenue is generated through premium subscriptions that unlock advanced features. Additionally, our app will earn income by charging commission fees to partner businesses, displaying in-app advertisements, and possibly offering in-app purchases. Data analytics may be used to provide insights and further monetization opportunities. This combination ensures sustainability and growth for the app.
6	**Scalability of the Solution**	Scalability is an essential aspect of our app's infrastructure. It's designed to handle a growing user base effectively. The app uses cloud-based infrastructure, enabling it to scale horizontally as the user count increases. This ensures optimal performance even during peak usage times. The architecture is set up to add more computing resources as needed, guaranteeing a smooth and responsive user experience regardless of the number of users using the app.