

Project Design Phase-I

Proposed Solution

Date	23 October 2023
Team ID	Team-591037
Project Name	Snack Squad: A Customizable Snack Ordering And Delivery App
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	India is a nation rich with cuisines. Most residents of the nation consume some or the other snack throughout their day to day lives. The snack industry is also one of India's rapidly growing economic sectors. In relation to total population figures, per person revenues of US\$47.14 are generated in 2023. To make it easier for citizens to get snacks, an application can be developed to make the ordering process convenient.
2.	Idea / Solution description	Developing an application (Android) that will allow the users to order snacks conveniently. This will provide the consumers with an easy-to-access app, which will showcase all snack vendors nearby. Users will also be able to filter their snacks by location, price, etc.

3.	Novelty / Uniqueness	While there are plenty of applications that provide users with traditional food vendors and other cuisines, there aren't many that provide the Indian consumer base with snacks related foods. As the snack industry in India is a growing sector, this application will boost the economy, while also catering to a large consumer base.
4.	Social Impact / Customer Satisfaction	Unsafe food is the reason behind a staggering 600 million infections and 4.2 lakh deaths every year. As various reports indicate, it isn't the ingredients in the snacks that cause diseases but rather the environment they are cooked in. The snacks displayed on the application will be provided by vendors who will have to pass hygiene checks. This will result in better snacks being provided at a reasonable price, with limited health hazards. The app will also provide employment opportunities to the snack vendors to improve their sales, as well as drivers for the delivery.
5.	Business Model (Revenue Model)	The users make their orders through the application. The order is redirected to the appropriate vendors, which is then delivered to the users. The core revenue stream would come from the commissions received from the orders made by the consumers, as well as advertisements displayed on the app.

6.	Scalability of the Solution	<p>The development of such an application is very scalable with the current technologies available for app development. It can easily accommodate the vendors and their corresponding snacks, as well as provide an easy interface for users to check their previous orders, addresses, payment options, etc. It can be integrated with present and future technologies to provide the best service to all consumers.</p>
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