PROJECT DESIGN PHASE - 1
PROPOSED SOLUTION TEMPLATE

Date	23rd October 2023
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Project Name	Snack Ordering Application
Maximum Marks	2 Marks

Proposed Solution Template :

S.No.	Parameter	Description
1	Problem Statement(Problem to be solved)	Existing snack ordering platforms may lack a user-friendly interface and a modern design, making the process cumbersome and time-consuming.
2	Idea / Solution Description	To address this challenge, we aim to develop a Snack Ordering App using Jetpack Compose, a modern Android UI toolkit, to create an intuitive and visually appealing user experience. The app should simplify the snack ordering process, allowing users to effortlessly browse through a variety of snacks, customise their orders, and complete transactions seamlessly.
3	Novelty / Uniqueness	**User-friendly Interface:** Design a clean and intuitive interface using Jetpack Compose that allows users to easily navigate through the app, view available snacks, and place orders effortlessly. **Snack Catalog:** Implement a comprehensive catalog of snacks with detailed information, including images, prices, and nutritional details. Enable users to search, filter, and sort snacks based on preferences. **Shopping Cart:** Enable users to add snacks to a virtual shopping cart, review their orders, and make modifications before finalising the purchase.

S.No.	Parameter	Description
4	Social Impact / Customer Satisfaction	**Responsive Design:** Ensure that the app's UI is responsive and adapts to various screen sizes and orientations, providing a consistent experience across different devices.
5	Business Model (Revenue Model)	**Subscription Plans:** Introduce subscription plans for users who want premium features, such as exclusive discounts, early access to new snacks, or free delivery on a certain number of orders per month. Offer different subscription tiers with varying benefits and durations. **Partnerships and Commissions:** Collaborate with snack vendors and establish a commission-based revenue model. Take a percentage cut from the sales generated through the app for each vendor. This incentivizes vendors to join the platform and offer a variety of snacks.
6	Scalability	**Mobile Platform Compatibility:** Consider cross-platform development frameworks to ensure compatibility with a wide range of mobile devices. This approach can streamline development efforts and maintenance across different platforms. **Operational Scalability:** Implement robust monitoring tools to track the app's performance, detect issues, and optimize resource allocation. Use management tools for efficient deployment, scaling, and maintenance.