

Project Design Phase-I

Date	23 September 2022
Team ID	PNT2022TMID590972
Project Name	Project – A demonstration of text input and validation with Android compose

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The project aims to create a demonstration of text input and validation using Android's Compose framework. The primary problem statement involves building a user interface that allows users to input text, such as names, email addresses, or other textual data, within an Android app developed with Compose. The primary goal is to showcase the capabilities of Android Compose for creating dynamic and interactive text input forms with robust validation to enhance user experience and data integrity in Android applications.
2.	Idea / Solution description	The idea for the project involves creating a practical and educational solution to showcase the power and flexibility of Android Compose for handling text input and validation in mobile applications. The solution aims to serve as a practical reference and learning tool for developers who want to leverage Android Compose for building feature-rich and user-friendly text input forms with robust validation.
3.	Novelty / Uniqueness	The novelty of this project lies in its use of cutting-edge technology, interactive real-time validation, customizability, educational value, and the emphasis on best practices. It serves as a valuable resource for both novice and experienced Android developers, offering insights into the capabilities of Android Compose in a crucial area of app development.
4.	Social Impact / Customer Satisfaction	The project can have a significant social impact by enhancing user experience, promoting accessibility, ensuring data integrity, providing education and skills, reducing development time, encouraging collaboration, empowering small businesses, and reaching a global audience. All of these factors contribute to

		higher customer satisfaction and a more inclusive digital landscape.
5.	Business Model (Revenue Model)	The business model or revenue model can encompass several strategies to generate income while maintaining its educational and open-source aspects. It's important to strike a balance between revenue generation and maintaining the project's educational and open-source values. Clearly communicate the benefits of premium offerings and consulting services to potential customers, while continuing to provide a valuable free resource for the developer community.
6.	Scalability of the Solution	The scalability of the solution refers to its ability to adapt, grow, and handle increased demand, both in terms of users and functionality. The solution can adapt to accommodate increased demand and evolving requirements, making it a robust and reliable resource for developers working with Android Compose for text input and validation.