Project Design Phase-I
Proposed Solution Template

Date	15 October 2022
Team ID	PNT2022TMID27650
Project Name	AI-based localization and classification of skin disease with erythema

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	This programme can facilitate detection ,localization and classification of skin disease with erythema.
2.	Idea / Solution description	By employing AI technology to import the relevant libraries into the Python code, these problems can be fixed. This research presents a system for the patients that could take up the affected part of the skin's image and the find out the type of disease.It is used to classify the type of the disease. By knowing this the patient can be cured earlier.
3.	Novelty / Uniqueness	This project was developed to address the need to translate a variety of modalities, such as images into Natural Language (NL) text, to identify the type of skin disease. The prototype created as a result of this research includes collection of various images and these all are verified and tested to give out the name of the disease and not much developed technology is available to detect such skin lesions and classify it.

4.	Social Impact / Customer Satisfaction	Erythema has wide-ranging negative effects on HRQoL, including psychosocial well-being in individuals who have mild, moderate, or severe facial erythema of rosacea. These effects, including impacts on self-perception and emotional, social, and overall well-being, were significantly greater in respondents with severe erythema of rosacea. These findings may provide insight and guidance to encourage physicians to consider QoL outcomes when treating patients with erythema.
5.	Business Model (Revenue Model)	A business must continuously keep its clients in mind in an environment where the pace is accelerating if it wants to keep their satisfaction and, consequently, their loyalty. Offering ICT-based services to people with intellectual disabilities is the case company's main focus. The case firm has concluded that in order to maintain and grow its revenue, it is essential to improve the customer experience because it has already greatly increased its market share and expanded its operations in its primary client categories. The challenge the company is now facing is to develop a business plan and continue offering customers satisfactory service in order to maintain and boost the company's returns.
6.	Scalability of the Solution	This is typically accepted in the public community, but normal people might not comprehend it.