Project Design Phase-I
Proposed Solution

Date	10 November 2023
Team ID	Team-592945
Project Name	End-to-end deep learning project for detecting melanoma diseases.
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To build a CNN based model which can accurately detect melanoma.
2.	Idea / Solution description	Building a CNN model which extracts the relevant features from the image dataset and classify them into one of nine categories
3.	Novelty / Uniqueness	The computer is trained to predict skin diseases, which were previously diagnosed by dermatologists using microscopes and laboratory tests.
4.	Social Impact / Customer Satisfaction	Early detection of Melanoma leads to timely treatment and prevent the spread of the disease
5.	Business Model (Revenue Model)	Can speed up the diagnosis process, leading to quicker treatment decisions and potentially lowering healthcare costs associated with delayed or misdiagnosed cases.
6.	Scalability of the Solution	Once developed it can be deployed on a large scale, Can be used in even remote areas