Project design phase – I
Proposed solution

Date	27 October 2023
Team ID	Team-592761
Project name	Detection of Covid -19 from chest X-rays using Deep learning.
Maximum marks	2 marks

S.no.	Parameter	Description
1.	Problem statement	To create a reliable and accurate diagnostic tool for detection of Covid – 19 like infections from chest X-rays.
2.	Idea/solution	A deep learning model that uses transfer learning algorithms to detect and diagnose the disease.
3.	Novelty/Uniqueness	The model adapts and updates its learning autonomously which allows detection of diverse X – ray inputs along with right diagnostics.
4.	Social impact/Customer satisfaction	Time and workload reduction of users along with efficient detection of the disease. It aims to improve overall health of general public with its timely diagnosis.
5.	Business model	A subscription-based software available to healthcare units to detect and analyze diseases.
6.	Scalability of solution	The solution can be extended to other disease detections that involve image processing diagnostics such as CT scans, MRI, ultrasound etc.