Project Design Phase-I
Proposed Solution

Date	21 October 2023
Team ID	Team-591549
Project Name	Audiometric AI: Transforming Hearing Test Diagnosis Through ML
Maximum Marks	2 Marks

Proposed Solution :

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Traditional hearing health check-ups can be inconvenient and costly, leading to delays and avoidance. This can have a negative impact on people's quality of life, as hearing loss can interfere with communication, relationships, and work.
2.	Idea / Solution description	A new app that uses machine learning to help people check their hearing health at home. The app is designed to be easy to use and affordable, making it more accessible to people who might otherwise avoid getting the care they need.
3.	Novelty / Uniqueness	The app uses machine learning to personalize predictions for each user, based on their individual characteristics and risk factors. This makes it more accurate than traditional methods, and it also helps people understand their own hearing health better.
4.	Social Impact / Customer Satisfaction	The app can promote proactive health management by encouraging people to monitor their hearing health regularly. This can help to identify hearing problems early, when they are most treatable. The app can also reduce the environmental impact of healthcare by reducing the need for clinic visits.
5.	Business Model (Revenue Model)	The app can generate revenue through app downloads and premium features. There is also potential for partnerships with healthcare providers and employers, which could generate additional revenue streams.
6.	Scalability of the Solution	The technology is scalable, meaning that it can be used by a large number of people without any major problems. There are also opportunities for collaboration with institutions and integration into existing healthcare systems, which could further increase scalability.