Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID05892
Project Name	Detecting Parkinson's Disease Using Machine Learning
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The Parkinson's disease is progressive neuro degenerative disorder that affects a lot only people significantly affecting their quality of life. The symptoms of Parkinson's disease will occur slowly, the symptoms include shaking, rigidity, slowness of movement and difficulty with walking, Thinking and behaviour change, Depression and anxiety are also common. There is a model for detecting Parkinson's using voice.
2.	Idea / Solution description	The deflections in the voice will confirm the symptoms of Parkinson's disease. This project showed 73.8% efficiency. In our model, a huge amount of data is collected from the normal person and also previously affected person by Parkinson's disease. these data is trained using machine learning algorithms. From the whole data 60% is used for training and 40% is used for testing. The data of any person can be entered in database to check whether the person is affected by Parkinson's disease or not.
3.	Novelty / Uniqueness	Results will be on spot which reduces the anxiety. The UI used here is very efficient and easy to handle.
4.	Social Impact / Customer Satisfaction	Since the results are quick and accurate without any delay, the customer can stay with precaution.
5.	Business Model (Revenue Model)	Since it's a software project it can be provided with a login credentials and marketed.
6.	Scalability of the Solution	Our applications can be easily scaled up by adding more items and products.

SUBMITTED BY:-

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