Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID10815
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)	To build a model to accurately detect the presence of Parkinson's disease in an individual.
2.	Idea / Solution description	In this project we find the disease from comparing patient's hand drawn spirals and waves with healthy person's hand drawn spirals and waves. First, we have to get the input of hand drawn spirals and waves from both PD affected patients and healthy patients and create a dataset. The dataset contains spiral and waves drawing made by healthy people and PD infected people. Then we have to use the classification algorithm and applying the algorithm to training and testing the algorithm to find the accuracy of the algorithm.
3.	Novelty / Uniqueness	Existing methods are getting the inputs from the Parkinson disease infected patient's medical reports. According to this project we get the input from the patient's hand drawn spirals and waves. Accuracy of this method is comparatively higher than previous methods.
4.	Social Impact / Customer Satisfaction	In this Machine learning approaches have also reached high accuracy as shown in the present study and we can use check out online pharmacy
5.	Business Model (Revenue Model)	Through machine learning approach provides better understanding from PD dataset in the present decade.
6.	Scalability of the Solution	To design a detecting Parkinson's disease using machine learning which is easily access on through online mode for example using apps and online applications etc..