

**Project Design Phase-I**  
**Proposed Solution Template**

Date	19 September 2022
Team ID	PNT2022TMID34818
Project Name	Detecting Parkinson's Disease Using Machine Learning
Maximum Marks	2 Marks

**Proposed Solution Template:**

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

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	More than 10 million people are living with Parkinson's Disease worldwide, according to the Parkinson's Foundation. While Parkinson's cannot be cured, early detection along with proper medication can significantly improve symptoms and quality of life. Creating an efficient method to detect Parkinson's disease with ease of access to people and being more accurate using ML and Data Science.
2.	Idea / Solution description	An user-friendly web application with good UI desist to detect Parkinson's disease with help of spiral drawing from the user and check for parkinson's disease with appropriate ML algorithm. App has features like contact doctact, send reports to a doctor and other suggestions to parkinson's disease detected users. Get feedback about the result after the doctor's diagnosis.
3.	Novelty / Uniqueness	The feature of sending details to suggested doctors will be very helpful to users. With the feedback from the user the algorithms can be further optimised according to the user's report.
4.	Social Impact / Customer Satisfaction	The app will be very user friendly and be accessible to all users. The results are expected to be reliable. The users can have their report easily sent to doctors.
5.	Business Model (Revenue Model)	The app would be free to use for all customers.. The revenue would be from the hospitals and doctors who are suggested. Other revenue would be from licence for commercial use of the app example in hospitals.
6.	Scalability of the Solution	Solutions can be very easily implemented and be integrated with existing methods and will be accessible to the needy.