

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

Date	24 September 2022
Team ID	PNT2022TMID40423
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)	Sunil is a 52 years old teacher who find difficult to write on board as his hands shiver a lot need to find a right treatment for his problem.
2.	Idea/Solution description	This project uses Boosted Efficiency Binary Local Image Descriptor (BEBLID) along with Random Forest Classifier to automatically detect Parkinson's disease in hand drawn images of spiral and waves.
3.	Novelty/Uniqueness	To increase the accuracy of corner in images, BEBLID algorithm is introduced.
4.	Social impact/Customer Satisfaction	To detect the disease and control the effects of the disease in early stage.
5.	Business Model (Revenue Model)	Payers-Next generation managed care models.
6.	Scalability of the Solution	Any additional functionality, such as the employment of a chatbot to assist consumers, may be introduced at anytime and anyplace. It may be accessed simultaneously by any number of people.