

Ideation Phase

Define the Problem Statements

Date	18 October 2022
Team ID	PNT2022TMID24130
Project Name	Detecting Parkinson's Disease using Machine Learning
Maximum Marks	2 Marks

Problem Statement:

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.



Problem Statement (PS)	I am	I'm trying to	But	Because	Which makes me feel
PS-1	Human Volunteer	SPECT scan	it is time consuming and too costly	The gamma camera will rotate around your body, creating three-dimensional images of your internal organs and tissues.	Frustrated and ineffective
PS-2	Human Volunteer	MRI Scan	it is costly	the strong magnetic fields and radio waves to produce detailed images of the inside of the body.	exorbitant