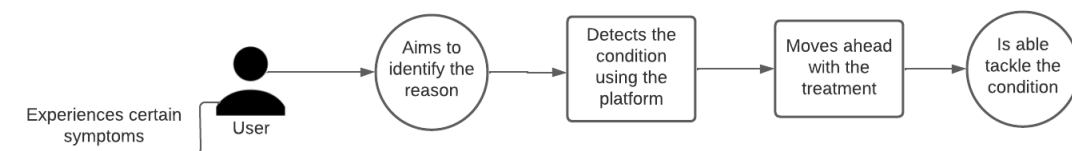


Problem Statement

Detecting Parkinson's Disease Using Machine Learning

For a few weeks, Bob has been experiencing symptoms such as anxiousness, sleeplessness, involuntary movements such as shaking, and so on. He is unsure whether he is afflicted with anything. He learns about Parkinson's illness while investigating the symptoms. So he wanted to find out for himself if he had the condition or not. It might be a website or program that takes photographs from the user and diagnoses Parkinson's disease.



What is the issue?	Parkinson's disease (PD) is a chronic, progressive, neurodegenerative disorder that begins when a certain area of the brain has been damaged. PD diagnosis at the earlier stage is very crucial for the survival of patients
Who does the problem affect?	Parkinson's disease affects around one in every 500 persons. The majority of persons with Parkinson's disease acquire symptoms after the age of 50, while around one in every twenty people with the disease develops symptoms before

	<p>the age of 40. Men are somewhat more likely than women to get Parkinson's disease. It usually starts in middle or late life, and the risk rises with age. People who are 60 or older are more likely to get the condition.</p>
What are the boundaries of the problem?	<p>Doctors, Medical technicians as well as the common people.</p>
What are the common risk factors associated with the Issue?	<p>Age, Heredity (Having a close relative with Parkinson's disease increases the chances that you'll develop the disease), Sex (Men are more likely to develop Parkinson's disease than women), and Exposure to toxins.</p>
What are the complications caused by the issue?	<p>Thinking difficulties, Depression and emotional changes Swallowing problems, Chewing and eating problems, Sleep problems and sleep disorders, Bladder problems, and Constipation.</p>
Why should people use this?	<p>It is free and open source and can provide the first step towards identification of the issue and move further towards the treatment process in a cost-effective manner.</p>
Why is it important that we fix the problem?	<p>By solving this problem, the treatments are more likely to improve the quality of life of the patients and their families.</p>

