Detection of Parkinson's Disease using Machine Learning

Movement, posture, and agility are all impacted by Parkinson's Disease (PD), a neurological condition. Fine motor movement, posture, muscular dexterity, and strength are all adversely impacted by the gradual loss of dopamine-producing neurons in the substantia nigra of the brain. A wide range of symptoms begin to manifest long before Parkinson's is formally diagnosed. The youngest children struggle with fine motor movements like sketching shapes and figures. The "Spiral Test" is a scientifically created diagnostic tool that assists the neurologist in estimating the degree of Parkinsonian symptoms displayed by the test taker by analysing the drawing pattern and applying artificial intelligence to generate a better estimate.

What do they THINK AND FEEL?
what really counts
major preoccupations
worries & aspirations

- It enhances the fundamental aspects of health
- is it replaced with the most recent methods?
- will it Improves the better understanding of disease ?
- will it gives accurate results?
- Is it user-friendly ?
- It releases the ability to advance technological trends.
- Better forecasting equates to accurate disease identification.

What do they HEAR?
what friends say
what boss say
what influencers say

- is Patients can receive the appropriate care and treatment guidance ?
- Quick Responding
- When compared to the picture spiral test task and the hand-written task, will it produce results at the same level?
- will patients can consolidate with doctors ?
- Free to discuss their illness in the platform chat room

What do they SEE?
environment
friends
what the market offers

- Contains the patients records and results
- delivering high search accuracy
- To Update their result to know their health condition
- well integrated Platform
- improvements to the web's user interface
- Detailed application for first-time visitors

What do they SAY AND DO?
attitude in public
appearance
behavior towards others

- it wiill consider using it after this it is well confrmed
- Has the application undergone the same testing and training as before?
- Can I access this application without the necessary credentials?
- How is it possible for a machine to detect a disease?
- How can I believe that this application proceeds with the right accuracy ?

PAIN
fears
frustrations
obstacles

- Will it handle the responsibility of managing user behaviour?
- A small deviation can deviate into the unrealisitc view
- Does this application tracks my personal data?
- There is a possibility that it leads to wrong guidance
- Is it is legal ?
- Right amount of data shoud be used for training

GAIN
"wants" / needs
measures of success
obstacles

- Better gathering of the results wanted
- Time constraint less usage
- Prediction and rapid treatement of infection
- self - regulating usage
- Provide Accurate results
- Best Interface to use