# Project Members

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# PROJECT TOPIC

ARTIFICIAL INTELLIGENCE FOR MEDICAL DIAGNOSIS : HEALTHCARE CHATBOT

# STATEMENT

- A "personal health companion," it uses artificial intelligence and machine learning to track the health of users and help them understand how their health is changing. The platform is used by individuals, organizations, and physicians.
- In a conversational agent (Chat Bot), users are able to communicate using natural language.
- The experience of chatting with a real person.
- Designed to resemble human interactions.
- An Instance of a response to someone describing flu-like symptoms could be a prescription for over-the-counter medication from a pharmacist.

# APPROACH

- Python is the programming language will be used to create the chatbot.
- Decision tree
- Pandas, Numpy, and sklearn are some of the modules available.
- Most Significant word approach.

# DELIVERABLES

- According to reports, the chatbot would match the symptoms it receives from users to a list of diseases' signs.
- In response, it will suggest a course of action based on a combination of the reported symptoms.
- A user-friendly chatbot iteration
- The test data will assist in making a decision based on the user's responses to the questions.

# EVALUATION METHODOLOGY

- Decision Tree
- Users can find exactly what they're looking for: they sketch out a step-by-step approach in a conversational format to uncover the specific solution to the customer's issue.