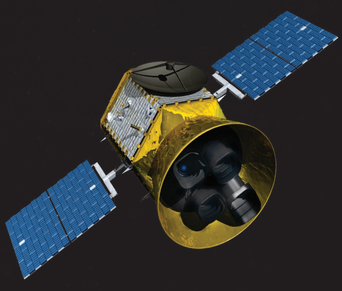
# Habitable Exoplanet Explorer

## Introduction

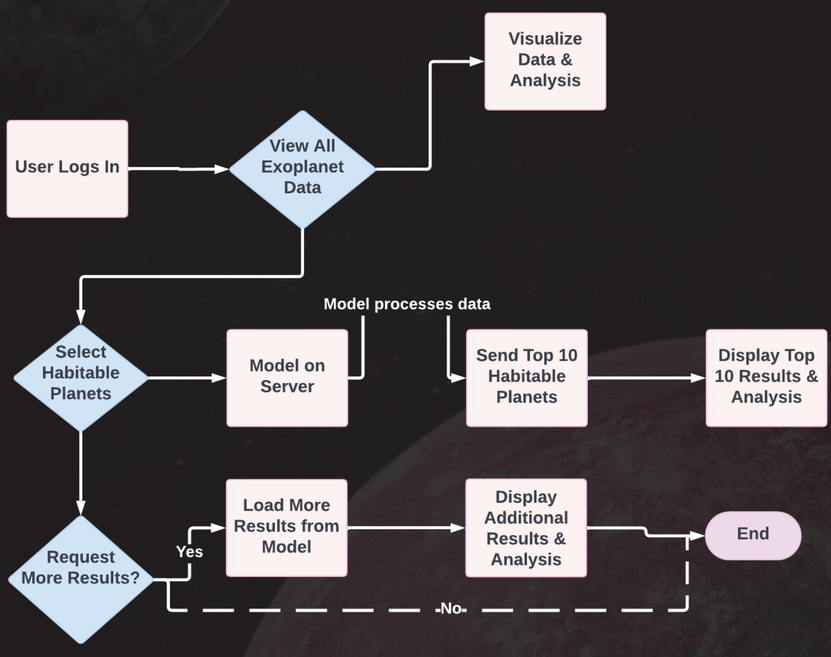
This project is vital for advancing our understanding of potential life beyond Earth. By identifying exoplanets within the habitable zone, it guides future space exploration, informs astrobiology research, and fosters global collaboration in space science. This project not only contributes to scientific knowledge but also engages the public, inspiring interest in space exploration and addressing fundamental questions about humanity's place in the universe.



## Goal

The project's ultimate output is an easy-to-use website where users can explore potentially habitable exoplanets. Think of it like an interactive map of the cosmos. This website uses the latest technology to predict whether these planets might support life. The information comes from various space missions, ensuring accuracy. In essence, it's a visually appealing and informative tool designed for both scientists and anyone curious about the wonders of space.

## WorkFlow




## Technologies

## Supervisor:

Dr. Omar Usman Khan

## Members:

Muhammad Ahmed Raza (19P-0070)