**Introduction**

1. **Background**

Plants are a diverse group of living organisms that are characterized by their ability to photosynthesize and produce their own food using energy from sunlight. They are the primary source of food and oxygen for most life on Earth, and they play a vital role in the ecosystem by providing habitat and resources for other organisms.

Plants play a vital role in the ecosystem and have a wide range of uses for humans, including food, medicine, and ornamental purposes. However, despite their importance, there is still much that we do not know about the biology, ecology, and evolution of plants.

The topic of my research is the category of home plants. While there has been some research in this area, the knowledge base is still limited and there is a need for more comprehensive and in-depth studies.

The significance of this research lies in its potential to improve our understanding of the diversity and function of plants, their proper usage and excellent utilization and to inform the development of sustainable and effective plant-based solutions for a range of challenges facing society.

1. **Aim**

To design and develop a web application which bridges the gap between a common user and the vast pool of information that is available over the internet about the home plants by providing a platform with everything at one place.

To improve the user experience of the website by updating the design and layout, simplifying the navigation, and incorporating responsive design for mobile devices within the next three months.

To increase online sales by 10% over the next year through the implementation of an effective e-commerce platform and the development of a comprehensive online marketing strategy.