Societal



Agrilease

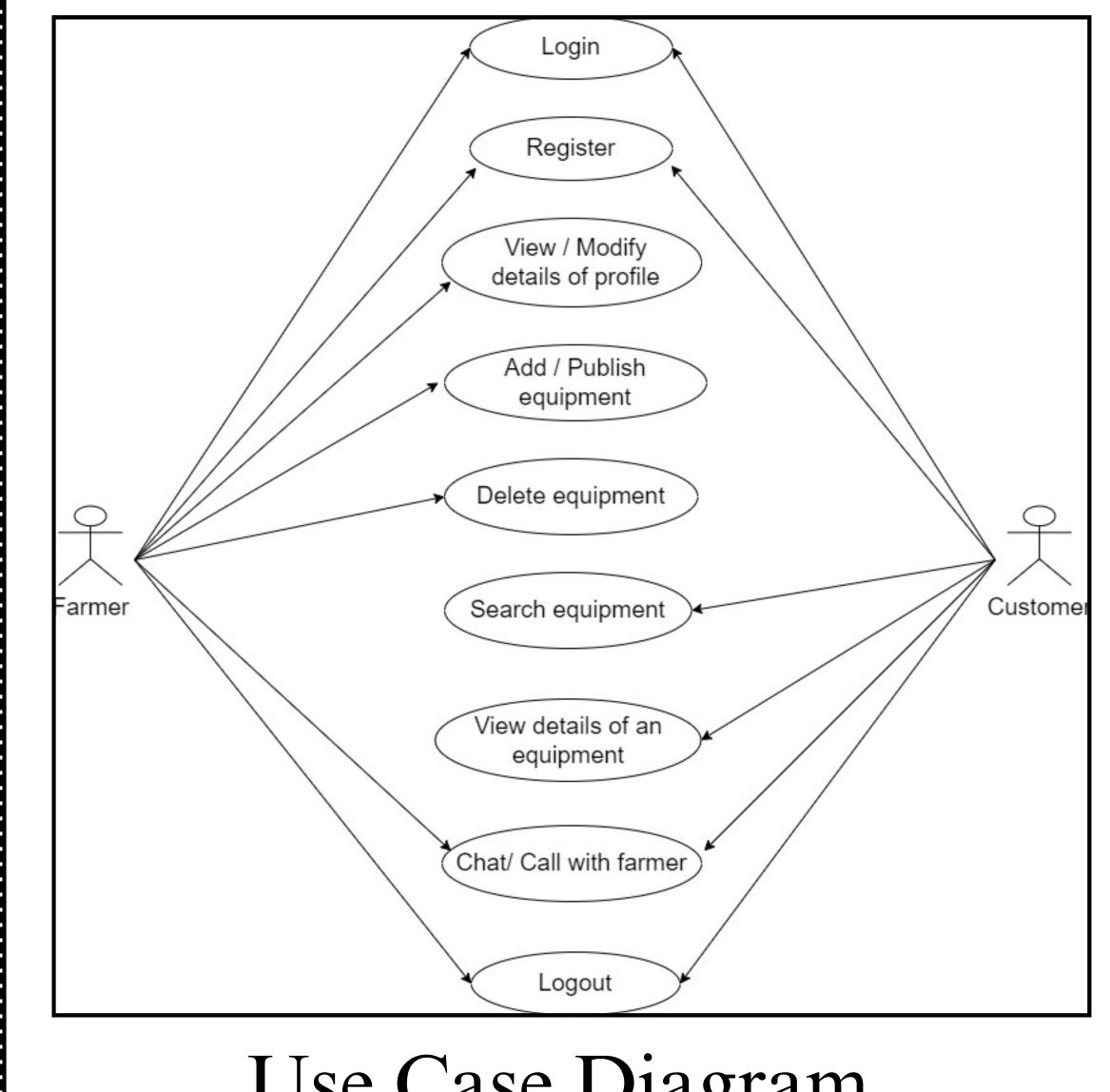
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Abstract

The "Development of an Agrilease App" is a groundbreaking mobile application aimed at revolutionizing the agriculture industry by providing a convenient solution for the rental of farming equipment. This app is designed to empower both farmers and equipment owners, offering a user-friendly platform that enhances accessibility and promotes sustainability in agriculture. By bridging the gap between equipment owners and farmers, the app fosters a sharing economy in the agricultural sector. Its key objectives include providing farmers with easy access to a diverse range of farming equipment and enabling equipment owners to efficiently monetize their machinery. With features such as secure user authentication, equipment listings, and a reliable chat application, the app ensures a seamless rental process for all users.

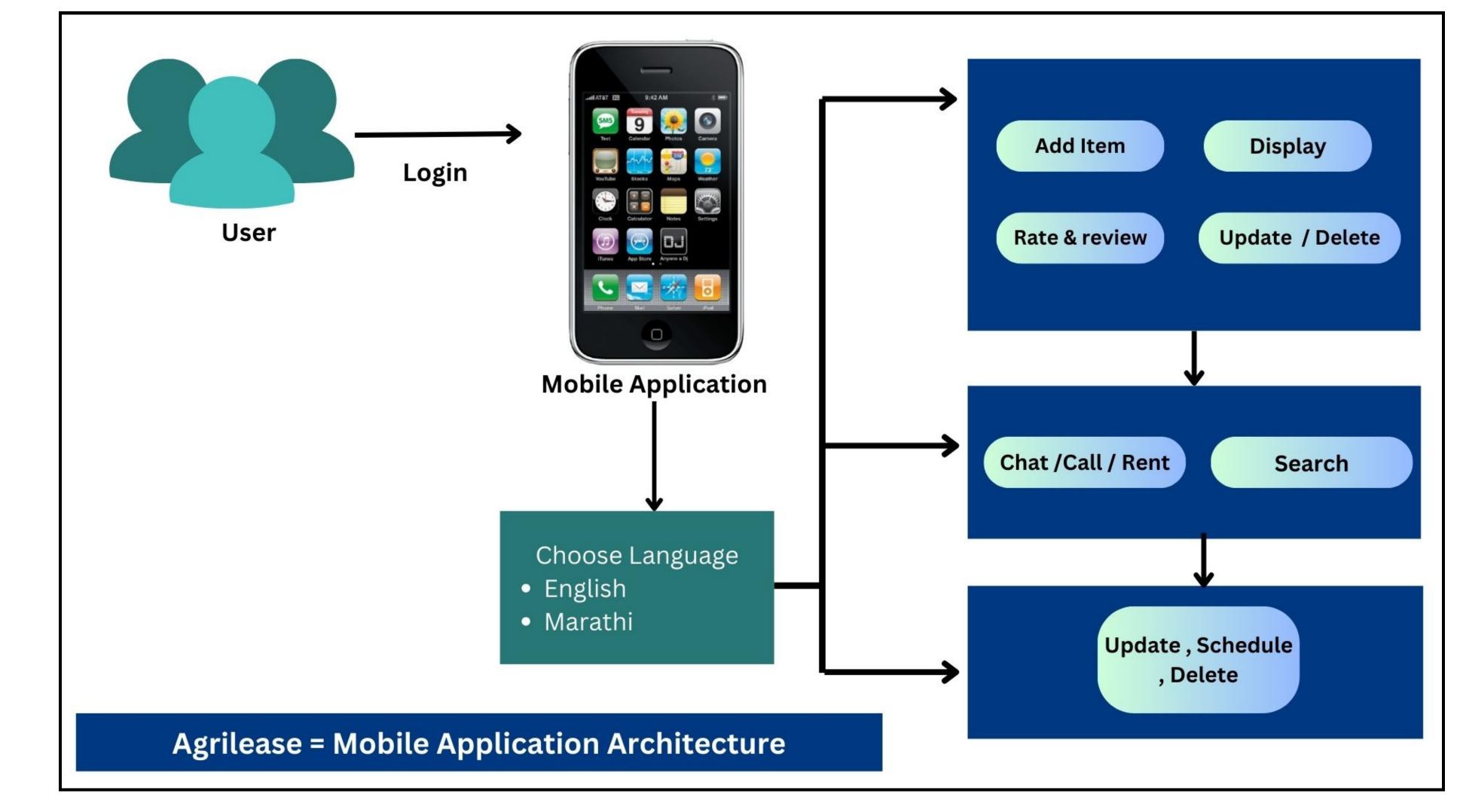
Keywords: product management, farmers benefits, equipment scheduling.

System Architecture



Use Case Diagram

System Architecture of Mobile Application



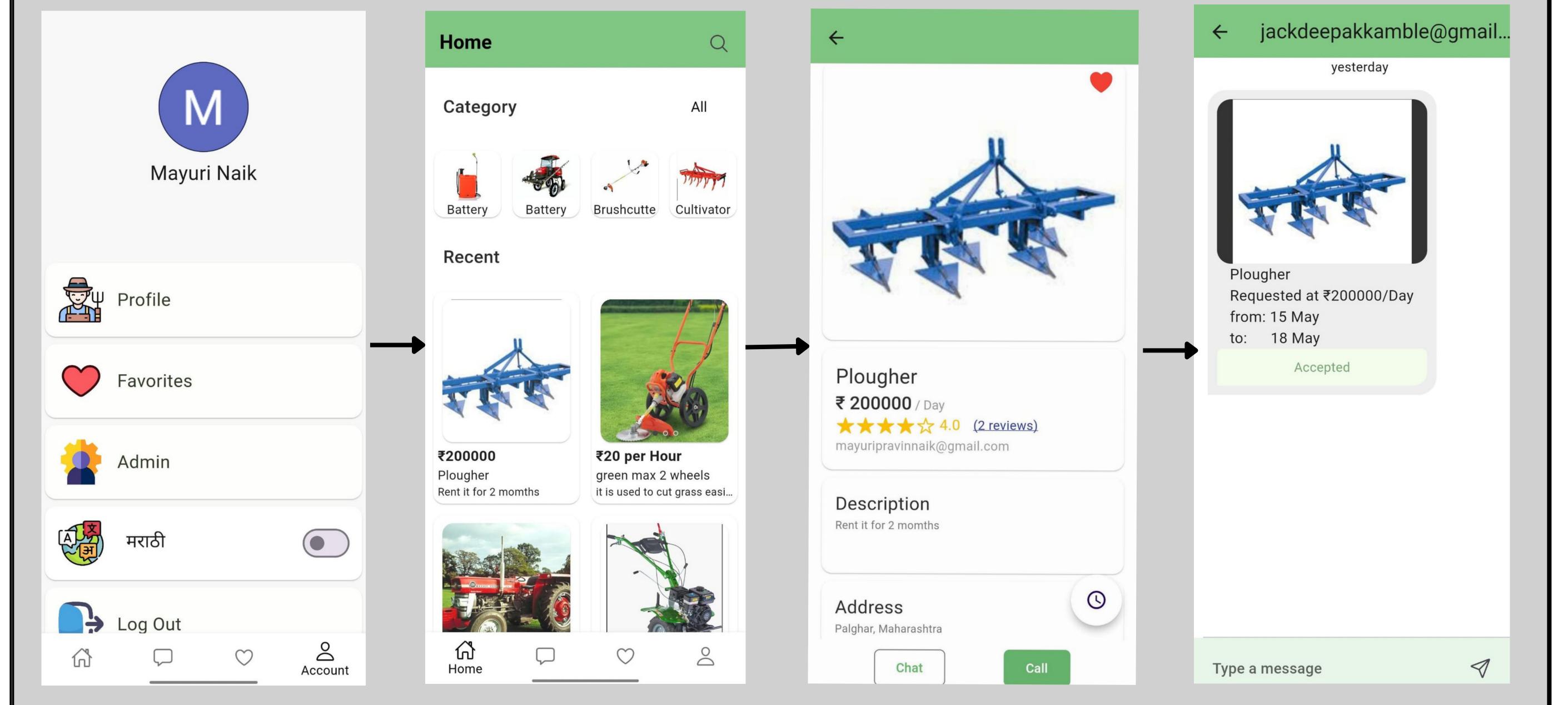
developed an Agriculture Successfully Equipment Rental App, enabling farmers to effortlessly rent farming equipment, and equipment owners to earn money by renting out their machinery. By facilitating easy access to equipment, the app saves farmers while promoting time and resources sustainability by reducing the demand for With a user-friendly machinery. interface and seamless functionality, our app enhances efficiency and collaboration in the agriculture industry.

Introduction

Food production greatly depends on the agriculture industry. However, the absence of equipment causes the farmers a lot of difficulties because they cannot afford to purchase the expensive machinery, forcing them to perform the labor by hand, which takes a lot of time and effort. They can rent equipment rather than purchase it to prevent having to perform excessive manual labor, which will save both the farmer's money and time.

Our app serves as a middleman between farmers, those who want the equipment for rent, and those willing to take it on a rental basis. Thus, the tenant can post an advertisement on our app with all the information about the equipment, such as its name, description, and photos, as well as the rental fee.

Mobile Application



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