

SYNOPSIS

Report on

PLANT KART

BY

AMAN DHIMAN

ROLL NUMBER: 2200290140023

AMAN KUMAR

ROLL NUMBER: 2200290140024

Session: 2023-2024 (III Semester)

Under the supervision of

Ms. DIVYA SINGHAL

<<ASSISTANT PROFESSOR>>

KIET Group of Institutions, Delhi-NCR, Ghaziabad



**DEPARTMENT OF COMPUTER APPLICATIONS
KIET GROUP OF INSTITUTIONS, DELHI-NCR,
GHAZIABAD-201206
(2023-2024)**

ABSTRACT

Plant Kart is an online plant purchasing website designed to offer a seamless and convenient experience for plant enthusiasts, gardeners, and interior decorators. This innovative platform leverages cutting-edge web technologies to provide users with a wide selection of quality plants and related products, expert guidance, and a user-friendly shopping experience.

This web application boasts an extensive catalog of plants, ranging from indoor houseplants to outdoor garden varieties. Users can browse through a diverse collection of flora, each accompanied by detailed descriptions, care instructions, and high-quality images.

Plant Kart aims to cater to the needs of plant lovers at every level of expertise, from beginners seeking their first houseplant to seasoned gardeners searching for rare botanical treasures. With its user-friendly interface, vast plant selection, expert guidance, and commitment to customer satisfaction, Plant Kart is the go-to online destination for all your plant purchasing needs. Join us in cultivating a greener, more vibrant world, one plant at a time, through Plant Kart.

TABLE OF CONTENTS

- Introduction
 - Project Objective
 - Research Methodology
 - Project Outcome
 - Proposed Time Duration
- References

INTRODUCTION

In today's fast-paced world, where urbanization and technological advancements dominate the landscape, there's a growing yearning for a touch of nature and tranquility. The allure of indoor greenery, the joy of tending to a garden, or simply the aesthetics of a well-placed potted plant have captured the hearts of people worldwide. Plant ownership has become more than just a hobby; it's a lifestyle, a form of self-expression, and a connection to the natural world.

Recognizing this burgeoning love for plants, we introduce "Plant Kart" - an online plant purchasing website that aspires to be your ultimate destination for all things green and growing. Plant Kart is not just a platform; it's an experience, a journey into the world of botanical wonders, where you can discover, learn, and acquire plants that resonate with your heart and soul. In this introduction, we'll take you on a tour of Plant Kart, unveiling its vision, mission, core values, and the myriad features that make it the premier choice for plant enthusiasts, gardeners, and nature lovers alike.

Our mission is simple yet profound: to provide a one-stop online platform that simplifies the process of acquiring and caring for plants. We aim to empower plant enthusiasts of all levels, from beginners looking for their first succulent to seasoned horticulturalists seeking rare specimens. We do this by offering an extensive plant catalog, expert guidance, community engagement, and a secure, user-friendly shopping experience. Plant Kart is not just a marketplace; it's a resource hub, a knowledge repository, and a place to connect with like-minded individuals who share your passion for plants.

Looking for plants that thrive in low light? Need drought-resistant outdoor options? Plant kart offers user-friendly filters and search options, enabling you to find plants based on criteria such as size, sunlight requirements, water needs, and more.

PROJECT OBJECTIVE

THE OBJECTIVE OF PLANT KART IS TO:

E-commerce Sales:

The primary objective for many plant purchasing websites is to sell plants and related products online. This involves providing a user-friendly platform for customers to browse, select, and purchase plants and gardening supplies.

Sustainability and Eco-Friendliness:

If the website specializes in eco-friendly or sustainable gardening practices, its objective may be to promote these values and provide information on how customers can garden in an environmentally responsible way.

Customer Engagement and Retention:

Encouraging repeat business and customer loyalty is often a key objective. This can involve offering loyalty programs, sending out newsletters with gardening tips, or providing personalized recommendations.

Sales Growth and Revenue Generation:

Ultimately, the website's objective may be to grow sales and revenue over time. This could involve strategies like search engine optimization (SEO), online advertising, and expanding product offerings.

RESEARCH METHODOLOGY

The methodology of developing of project will be a step-by-step sequence to design, develop and deliver the application. In software engineering this methodology called 'waterfall model' which one portion of work follows after another in a linear sequence. Following steps will

be followed in this methodology:

- Initiation (Requirement Specification);
- Planning and design;
- Execution (construction and coding);
- Validation (Testing);
- Closure (Installation and Maintenance).

By project requirements specifications we can analyze the tasks which going to be done by the system. The function and performance of allocated to software as part of system engineering are refined by establishing a complete information description. A detailed functional and behavioural description of the project and concentrating on requirements and constraints of that will provide and good product. The proposed system should follow these requirements:

1. IDE- NETBEANS;
2. JAVA (CONCEPTS: JSP,SERVLET,JDBC, JAVA BEANS).
3. WEB TECHNOLOGY(CONCEPT: BOOTSTRAP)

PROJECT OUTCOMES

THE OUTCOMES OF PLANT KART IS TO:

Increased Sales:

A primary outcome for most plant purchasing websites is increased revenue through the sale of plants and related products. Higher sales volume and revenue can indicate the website's success in attracting and converting customers.

Customer Acquisition:

Successful websites attract new customers who may have discovered the site through online searches, social media, or word-of-mouth referrals. Acquiring a steady stream of new customers is a positive outcome.

Sustainability and Environmental Impact:

Websites promoting sustainable gardening practices may have an outcome of contributing to eco-friendly gardening trends and encouraging customers to adopt environmentally responsible habits.

Positive Customer Reviews and Testimonials:

Websites that provide quality products and excellent customer service can generate positive reviews and testimonials from satisfied customers, which can build trust and attract new buyers.

REFERENCES

1. [What is Advanced Java? –\(GeeksforGeeks \)](#)
2. [Introduction · Bootstrap v4.6 \(getbootstrap.com\)](#)
3. Java: The Complete Reference, Twelfth Edition, 12th Edition
by Herbert Schildt.

PROPOSED TIME DURATION: 1.5-2.5 MONTH