



G. Narayanamma Institute of Technology & Science (For Women) (Autonomous)

Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad
Accredited by NBA & NAAC, an ISO 9001:2015 Certified Institution
Shaikpet, Hyderabad-500104

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

<GN-R-18> (2022 - 2023) II B.Tech II Sem Hobby Project
on "SASYA – AGRICULTURAL HARVESTING"

Abstract

This project will involve the use of modern web development technologies. The website will be designed to be responsive, ensuring that it works seamlessly on different devices, including smartphones, tablets, and desktops. Additionally, making the website an indispensable tool for its users. This project aims to develop a web-based application for harvesters to optimize their harvesting process. The application will be designed to help users to manage their equipment, and plan their harvest schedules. The application will also integrate with various data sources such as weather conditions according to their respective places, auto location detection with real-time insights. The platform will ultimately assist users in making informed decisions related to their harvests, such as crop selection, fertilization strategies, home harvesting techniques. The platform will aggregate and curate product listings from multiple online retailers, and will provide users with access to the lowest available prices for each product based on user preferences and also by providing basic guidance videos related to selected topics. The project will be completed within a timeframe of 3 months, and the final deliverable will be a fully functional platform that meets requirements of users.

H/W & S/W Requirements

H/W Requirements: Intel core i7, 1 TB HD, 16 GB RAM, 64-bit, Operating System

S/W Requirements: HTML, CSS

*Dept R&D: No

* If No : GNITS



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