20MCA245 MINI PROJECT

ABSTRACT

RIT BAZAR

Abstract

RIT BAZAR is a web application designed for college students to buy and sell used items as they prepare to graduate. This platform aims to facilitate the exchange of personal belongings such as textbooks, electronics, furniture, and other items within the college community.The application targets graduating students looking to dispose of or acquire used items and provides a streamlined, user-friendly interface for managing these exchanges.

The scope of RIT BAZAR includes the creation of a marketplace tailored for college students, enabling them to trade used items effortlessly. The application caters to graduating students who need to sell their items before leaving and current students seeking affordable alternatives. The relevance of this project lies in its ability to provide a dedicated, efficient platform for a specific user base, promoting recycling, reducing waste, and offering cost-effective solutions within the college community.

The development of RIT BAZAR involves a thorough requirement analysis divided into functional and non-functional requirements. The User Module includes secure registration and login, item browsing and searching, detailed item views with images and descriptions, a mechanism for contacting sellers, the ability to post items for sale with images and pricing, and profile management to track listed items and transactions. The Admin Module focuses on managing user accounts, approving or rejecting item listings, and viewing transaction statistics and user activity. The Database Module ensures secure storage of user profiles, item listings, and transaction records, facilitating smooth communication between users and managing item details.

The project will follow the Agile methodology, promoting iterative development and flexibility. Development will proceed in iterations with frequent reviews, while comprehensive testing will encompass unit, integration, and user acceptance testing. Deployment will be carried out on a suitable server environment.

Keywords: Python Flask, Mysql, Agile methodology

Name and Signature of Student with date : VISHNU PRASAD C P