

# **VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

JNANA SANGAMA, BELAGAVI – 590 018



**A Mini Project Report on**

## **WEB STORE SYSTEM**

*Submitted in partial fulfillment of the requirements as a part of the WEB TECHNOLOGY LABORATORY WITH MINI PROJECT for the VII Semester of degree of **Bachelor of Engineering in Information Science and Engineering** of Visvesvaraya Technological University, Belagavi*

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## DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING



### CERTIFICATE

This is to certify that the Mini project report entitled **WEB STORE SYSTEM** has been successfully completed by **Parameshwar Bhat** bearing USN **1RN17IS065** and **Nagesh Raj T N** bearing USN **1RN17IS060** , presently VII semester students of **RNS Institute of Technology** in partial fulfillment of the requirements as a part of the WEB TECHNOLOGY Laboratory for the award of the degree **Bachelor of Engineering in Information Science and Engineering** under **Visvesvaraya Technological University, Belagavi** during academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The mini project report has been approved as it satisfies the academic requirements as a part of WEB TECHNOLOGY LABORATORY WITH MINI PROJECT for the said degree.

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# **ABSTRACT**

This project examines the aspect of the e-commerce industry which involve buying and selling items over the internet. In the 21<sup>st</sup> century the use of the internet, computers and other electronic devices have made handling different jobs and aspects of commerce very easy. This project is the design and implementation of an online store system that allows businesses to make their presence online and also take orders over the internet which in turn boosts their revenue.

This project is designed to create a platform that allows businesses to showcase their products and also enables the customers to place orders for the items. The implementation is based on the requirements of the online store system.

This project aims to accomplish the task of building a system that ensures secure transactions by adding user authentication and authorization procedures. Most of the processes are done automatically by FireBase. A payments gateway such as Stripe has been added to ensure seamless payments for the items purchased. FireBase also provides an additional option of hosting our project for a nominal cost.

This project is designed with the help of ReactJS, CSS, HTML, FireBase to develop the user interface. React is an open-source, front end, JavaScript library for building user interfaces or UI components. CSS is used for the styling. FireBase is used as a backend cloud system which provides tools such as authentication, hosting and security.

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