** GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY (Autonomous)**

**Cheeryal (V), Keesara (M), Medchal Dist., Telangana - 501 301**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

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**MINI PROJECT ABSTRACT**

**IV B.Tech. I SEM CSE - C Section**

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| **BATCH NUMBER:**  **C8** | **Mini Project** | **Academic Year:**  **2024-2025** |

**PROJECT TITLE: E-Commerce: Shopping Application**

**TEAM MEMBERS:**

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***Project In-charge Guide with Date Project Coordinator***

**ABSTRACT**

The trend of online shopping has been surging in recent years at an astonishing pace. According to Statista, the retail e-commerce industry amassed approximately 4.28 trillion USD in sales in the year 2020. To put this growth into perspective, these retail e-commerce sales stood at a mere 1.3 trillion USD back in 2014. Moreover, the upward trajectory of online shopping shows no signs of slowing down. Statista's projections indicate that e-commerce sales are expected to reach a remarkable 6.3 trillion USD by 2024.

Online shopping applications are digital platforms that allow consumers to purchase products and services directly from sellers over the internet using web browsers or mobile applications. These applications aim to provide a convenient and time-saving shopping experience for users, enabling them to browse and buy products from the comfort of their own homes. Online shopping applications often include features such as product search, filtering, sorting, shopping cart management, and payment gateway integration to enhance the user experience. They also utilize technologies like deep learning and machine learning to provide personalized recommendations and relevant product accessories for customers. The development of user-friendly interfaces and interactive features in these applications aims to increase consumer enjoyment and satisfaction with the online shopping process.

With Web Development features and using HTML, CSS and JavaScript, we are able to create an online shopping app that has:

* Easy Login/Sign-Up Process
* Push Notifications
* Powerful Search Box
* Rating and Review Section
* Multiple Payment Options
* Wishlist/Cart
* Fast and Easy Checkout

The design aspects can be implemented using HTML and CSS while JavaScript can handle the backend of this project. In further scenarios, even a database can be added and show the availability of the product.

**Objective**: To create an Online Shopping Application that can help to search and place an order on products those are available and are needed by the user.

**Commercializeable: Yes/No: Yes**

**REFERENCES:**

[**https://medium.com/complete-coding/creating-a-shopping-app-from-scratch-part-1-352ebbd78655**](https://medium.com/complete-coding/creating-a-shopping-app-from-scratch-part-1-352ebbd78655)

[**https://www.vlinkinfo.com/blog/how-to-build-shopping-app-like-amazon/**](https://www.vlinkinfo.com/blog/how-to-build-shopping-app-like-amazon/)

[**https://en.wikipedia.org/wiki/E-commerce**](https://en.wikipedia.org/wiki/E-commerce)

**Date of Submission:** 27 April 2024

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