**Title of The Project :** Amazon Clone

**Introduction to the Project and the Problem Statement:** This is an amazon clone which gives a dummy idea of that website. It has several features like authenticating the user by the use of firebase authentication. We have also implemented the cart with real-time access which has features like deleting and adding items into the cart and many more features are there.

**Problem Statement:**

1. In this project we (Akansha, Ananya and Kanishk) have made a very attractive and simple website which is a clone of an E-Commerce website we use in our daily life i.e. Amazon.in.
2. We have made a clone of Amazon Shopping website which is smooth in design, as cool as and as good as Amazon with all features of Amazon shopping website. It has the UI and dynamic features which the website Amazon has.

**Main Objective:** The main objective of this project is to create an ecommerce website which will work as a single page website and would be able to give us the look and features of Amazon.

**Working Methodology:** During this entire project we will use Agile model methodology for the development.

We used ReactJS (which is a library of javascript) for the UI implementation of our project. We used cards, NavLink, cart, navbar, footer and many other UI components by using the features of React.Js such as single page website etc. We used this technology because it is easy to mount and unmount the components by the use of React.

For the backend part we have used Express.Js which is a framework of Node.Js which is used to handle server requests and to serve the web pages according to the need of the client. It is very easy to implement and also very reliable.

**Details about Hardware and Software:**

**Hardware Used:** A basic computer without any special hardware

**Software Used:** WebStorm, Git, GitHub, Google Chrome and Mozilla Firefox

**Team contribution:** There are 3 members in the team and each member contributes equally.

**Limitations of the system proposed:**

1. No payment gateway implemented
2. No separate page for every product.
3. No database uptill now

**Online Git Repository:** [**https://github.com/Akansha0211/Amazon-Clone**](https://github.com/Akansha0211/Amazon-Clone)

**Live Website link (deployed) :** [**https://challenge-9a753.web.app/**](https://challenge-9a753.web.app/)

**References:** YouTube channels, HTML, CSS, Bootstrap, JavaScript and NodeJS ,ExpressJS documentations.

**Conclusion:** We developed a fully dynamic website which had similarities with the Amazon E-commerce website. It was made on React.Js which is a library to create single page websites easily and for the backend we used Firebase Authentication which has many advanced functionalities and for the server side programming we used Express.Js which is a framework of Node.Js. Node.Js is used to create a server environment which is pretty much hasslefree and very easy to implement.