gobuy

PROJECT REPORT

CMPE-272 Enterprise Software Platform
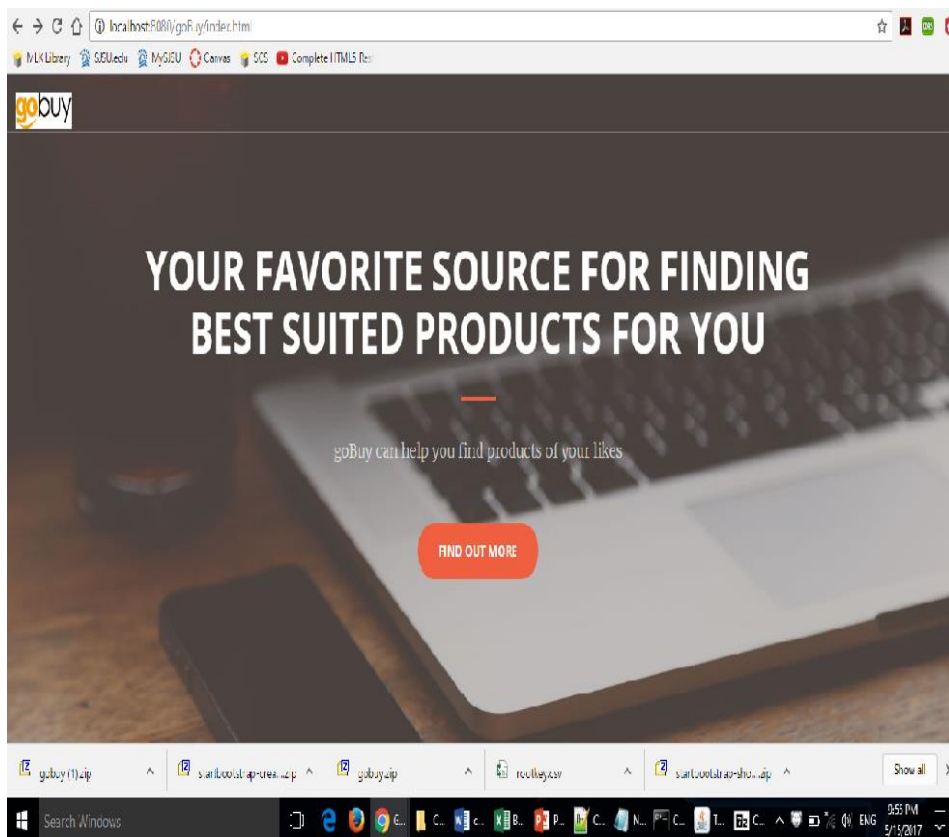
Avadh Boriya   Qiuye Kang

011487242   010781823

Introduction

People tend to get confused often while buying online as there are unlimited options that are available on various brands. It is a time-consuming process to look for various brands products before purchasing a product. So, here comes goBuy which helps people in suggest brands and products, which are best suited for them. goBuy takes data from an individual's twitter and based on their previous likes of products or brands, it suggests products according to the user's requirements . Users just need to provide their twitter user id and the product they want to buy. Based on their twitter likes history goBuy takes last 5 tweets which user liked and finds whether there are any matching tweets related to the product they want to purchase . goBuy would suggest them few brands of the product, which they liked on twitter. These products are searched in amazon and it would provide a link which redirects to amazon for ordering the product.
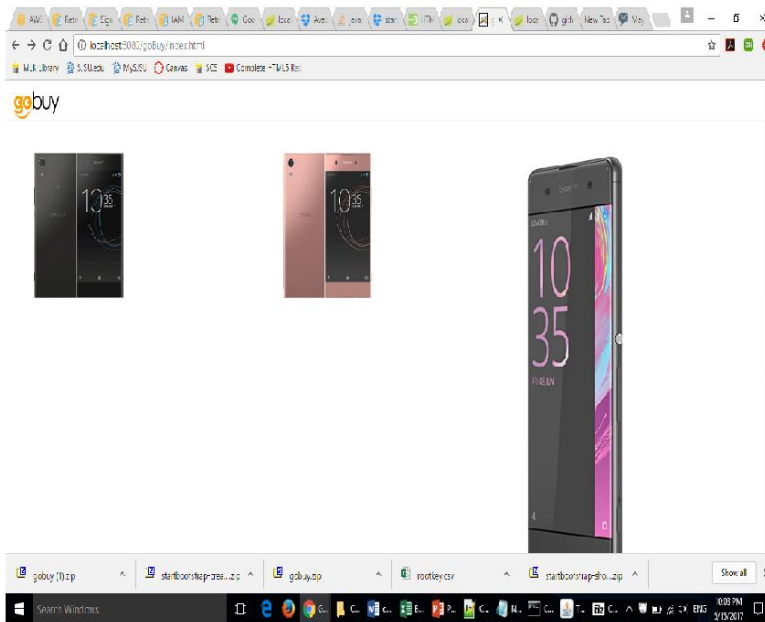
Website Flow

1. User input :

User is required to provide their twitter id and product which they want to buy

2 Enter your twitter id :

3 . results :

Architecture flow:

-Bootstrap :

Bootstrap helps to develop website, which is responsive for all devices like laptops, mobile phones, tablets .so we have use bootstrap for our websites frontend for rapid, responsive development that is consistent

- AJAX :

AJAX is asynchronous JavaScript and XML. It generally uses

1) browser built-in XMLHttpRequest object to request data from a web server and response as well

 2) JavaScript and HTML DOM is used to display or use the data)

Some of the advantages of using AJAX are

- It updates webpage without reloading the webpage
- It sends data to the server in background

In our project , we used AJAX to call micro services for getting twitter data .

- Microservices :

Micro services are used for separating business logic from from front end . it calls twitter API for getting twitter data based on the twitter id provided and searches product from the amazon API.

Future Scope :

- Why does your twitter followers or blog fans like or follow you? It can help you to automatically discover their motivations and values. Using such knowledge, you can have a better understanding of your fans based on their needs and wants.

 - Want to discover why your customers love your brand and products? For example, some customers prefer your products because your products make them stand out and achieve a sense of prestige, while others adore you because they find your products practical and consistent in quality.

This helps you analyze your fans and automatically derive your representative fans. With the help of this data an organization can find their unique features and the reason behind their customers preferring their brands.