CHAPTER 5

SYSTEM ARCHITECTURE
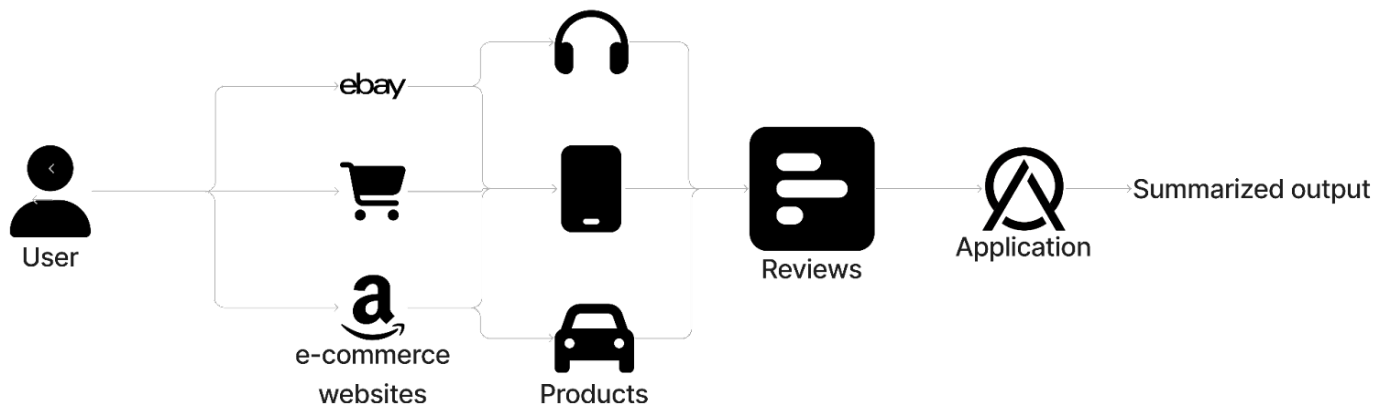
5.1 ARCHITECTURE OVERVIEW

Fig 5.1 Architecture diagram for chrome extension

The figure 4.1 consists of the system architecture for a Chrome extension to scrape product data from e-commerce websites involves the extension interacting with the website's HTML structure to extract product information. This information is sent to a server-side component that processes and stores it in a database. Customer reviews are a crucial aspect of the data scraped by the extension, providing valuable feedback on products and services. A one-line description of customer reviews is "an aggregation of customer feedback and opinions on a product or service."

5.2 MODULE DESCRIPTION

The chrome extension consists of 6 main modules.

They are,

- Sign up module.
- Log in module.
- product module.
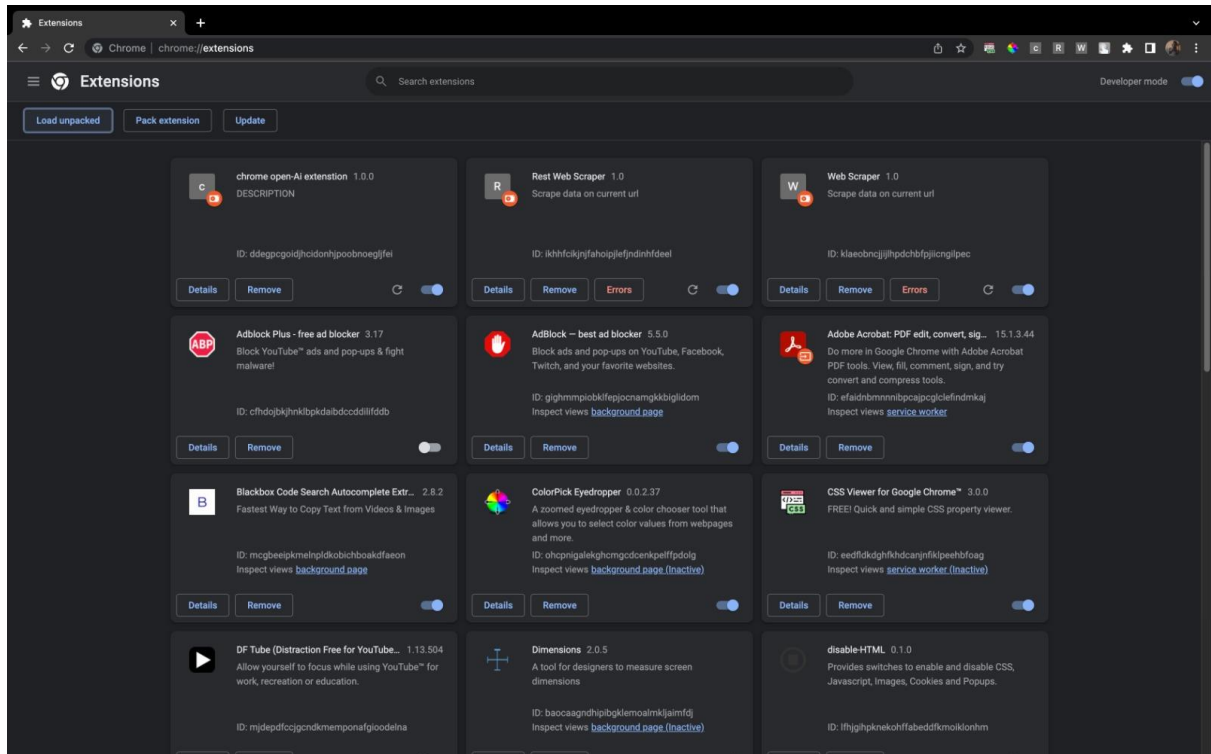- scrape module.

CHAPTER 9

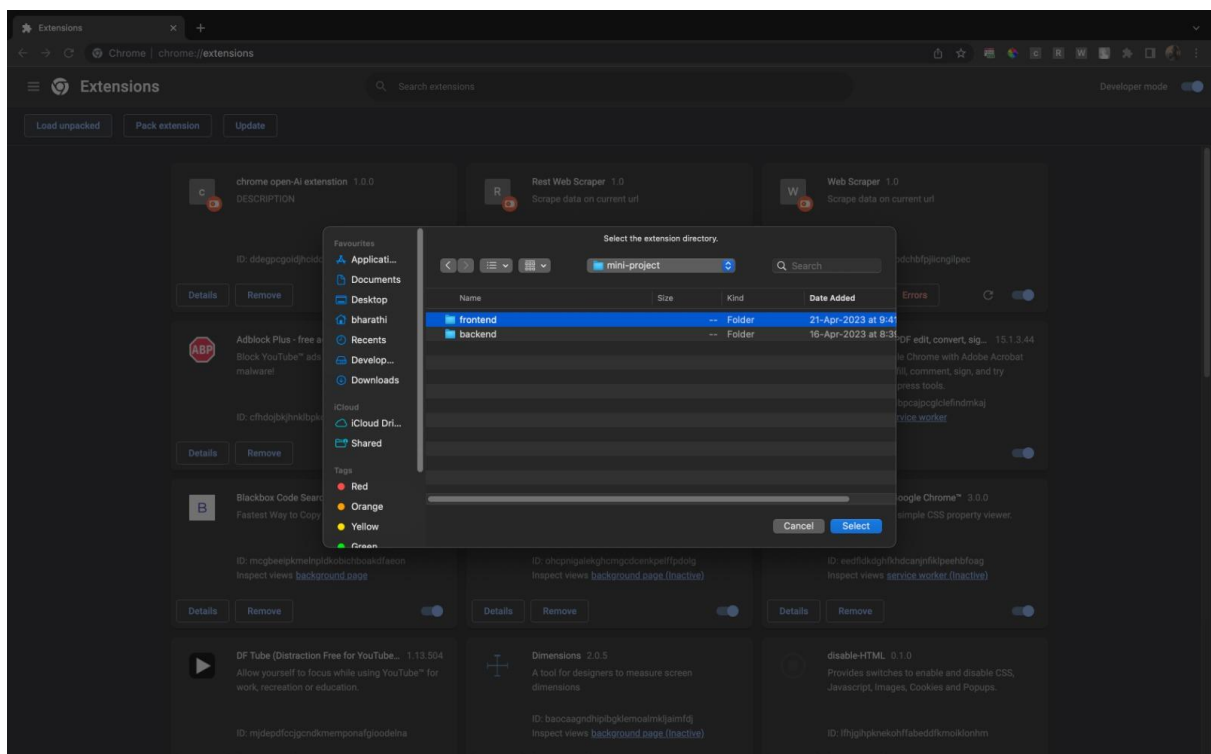# APPENDICES

fig 9.1 Web Scraper Extension installation page
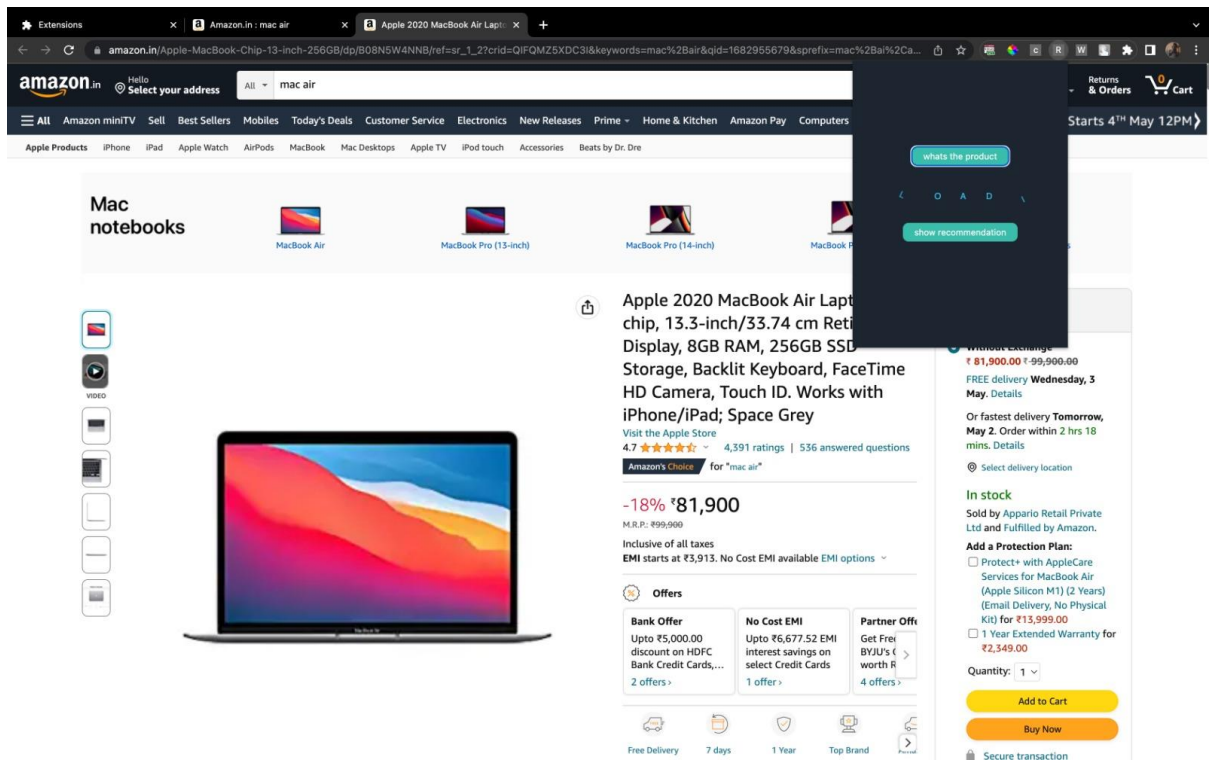

fig 9.2 Web Scraper Package upload in Chrome
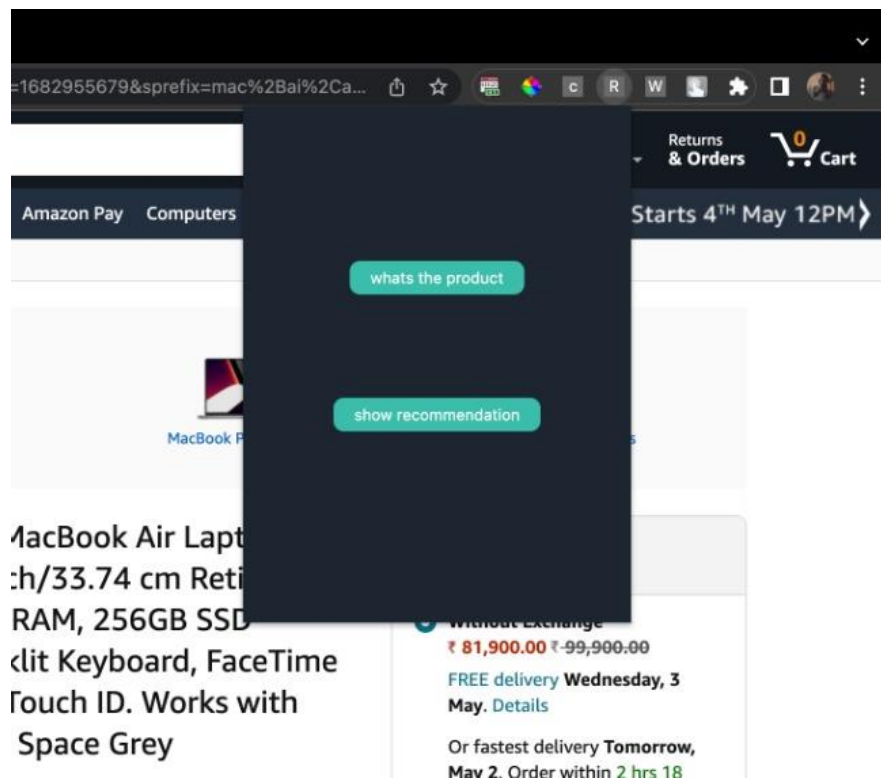
fig 9.3 Web Scraper extension pop-up menu
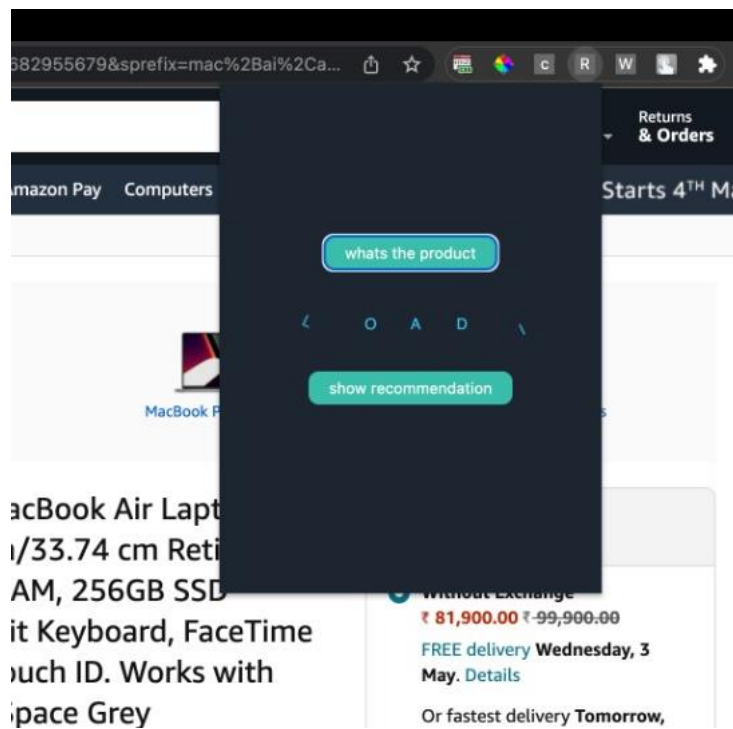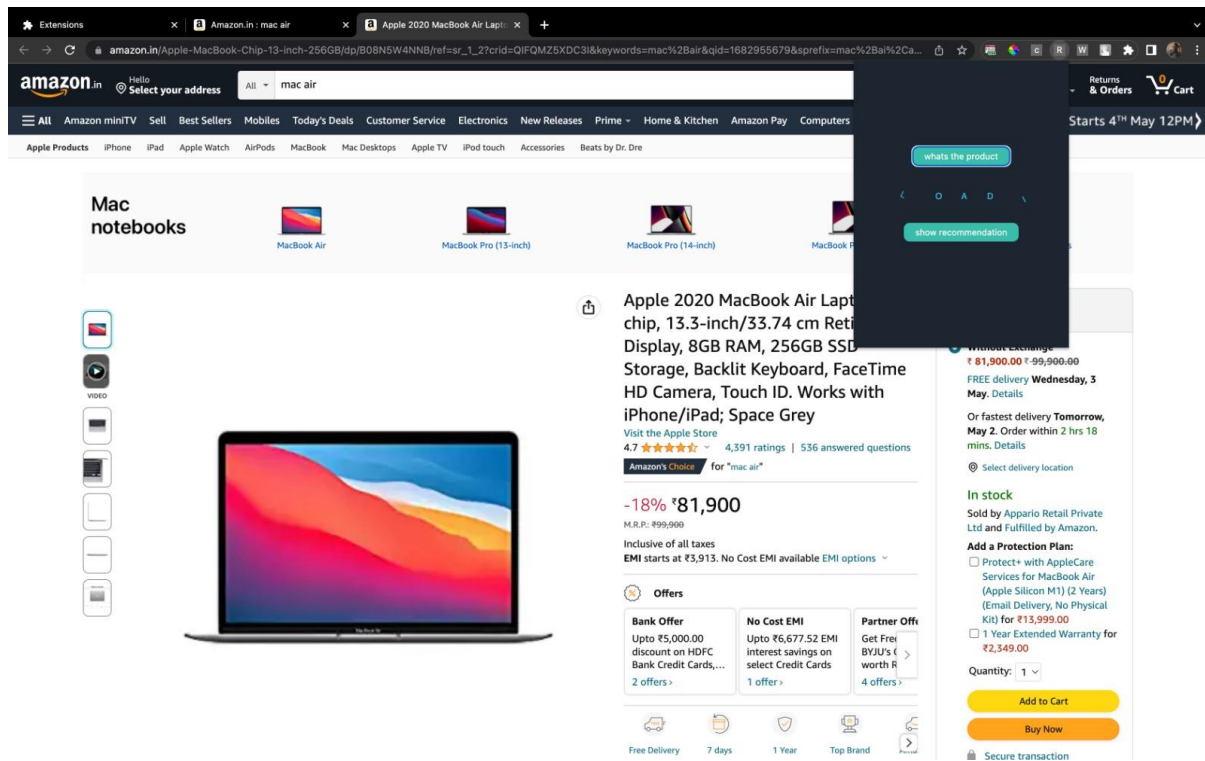

Fig 9.4 Buttons on the Pop-up

Fig 9.5 Product Name loading animation

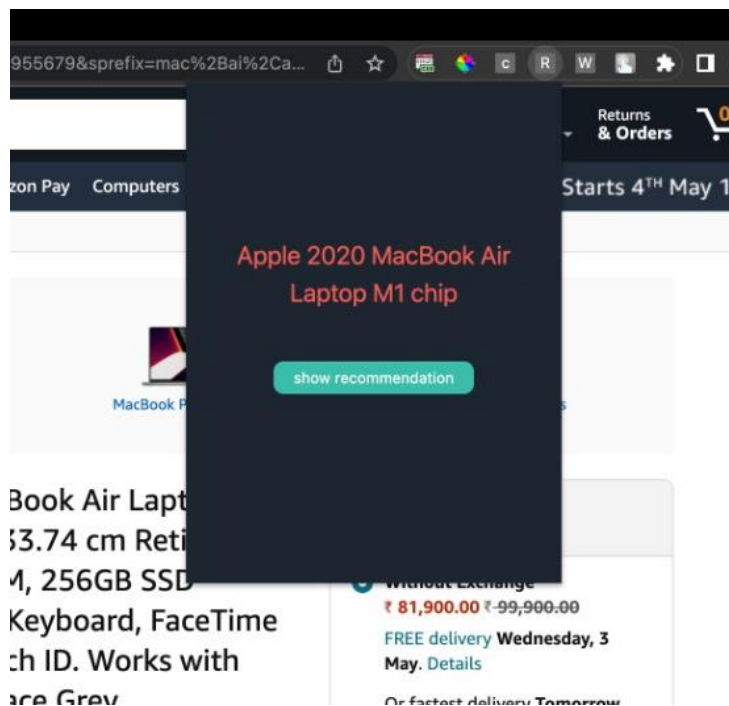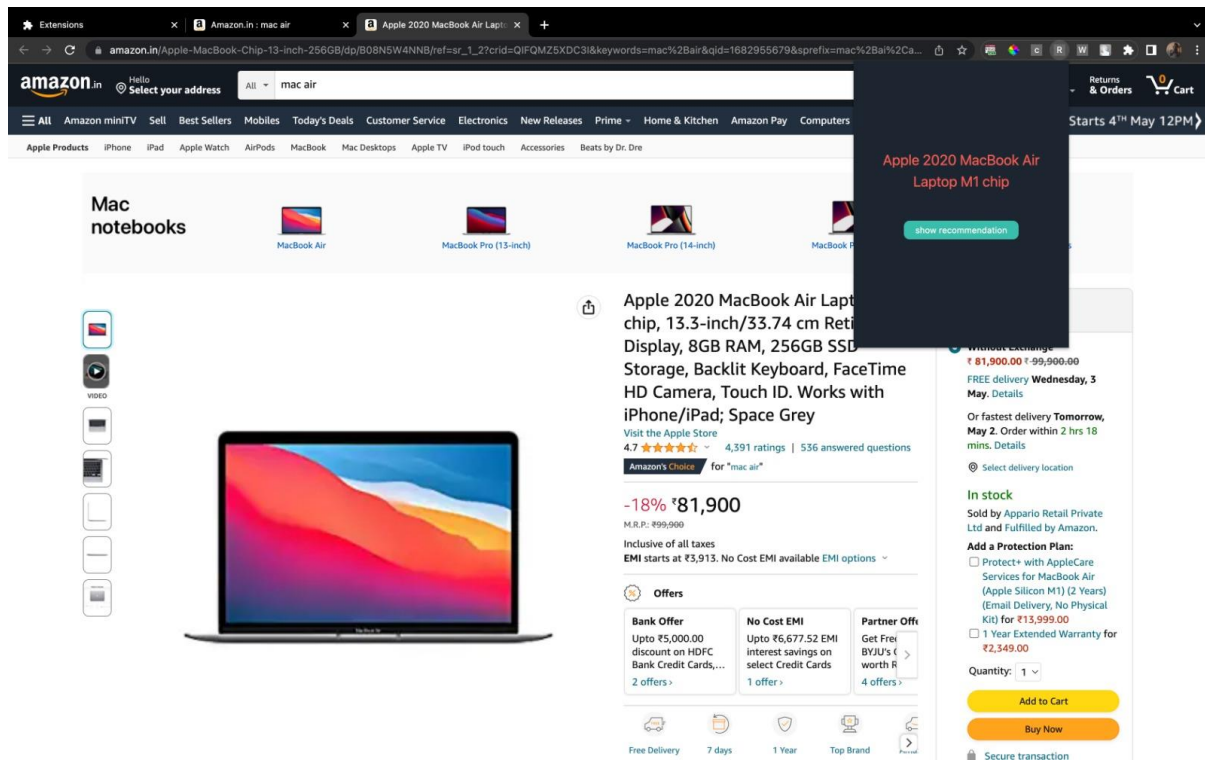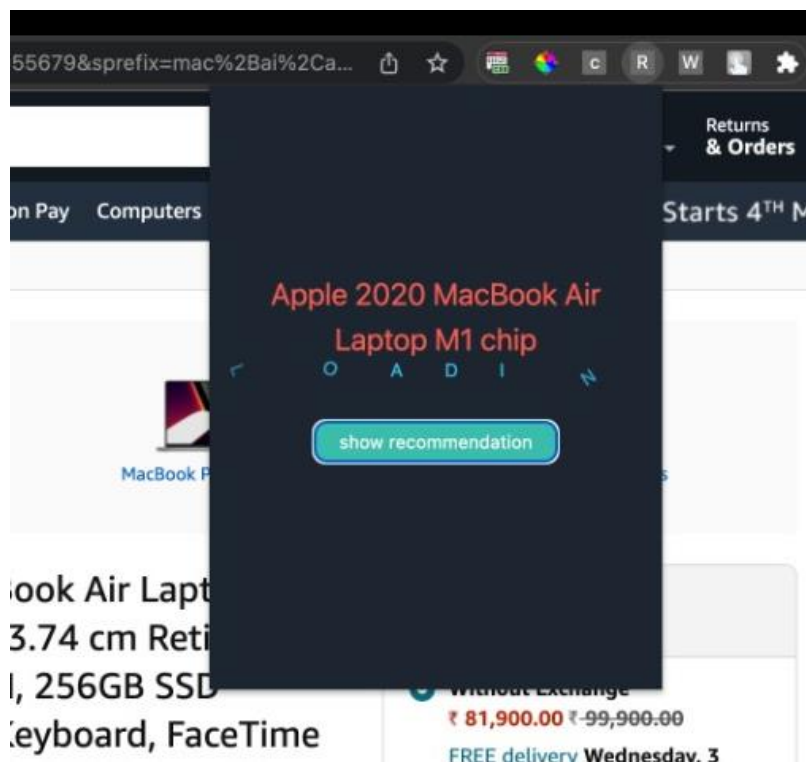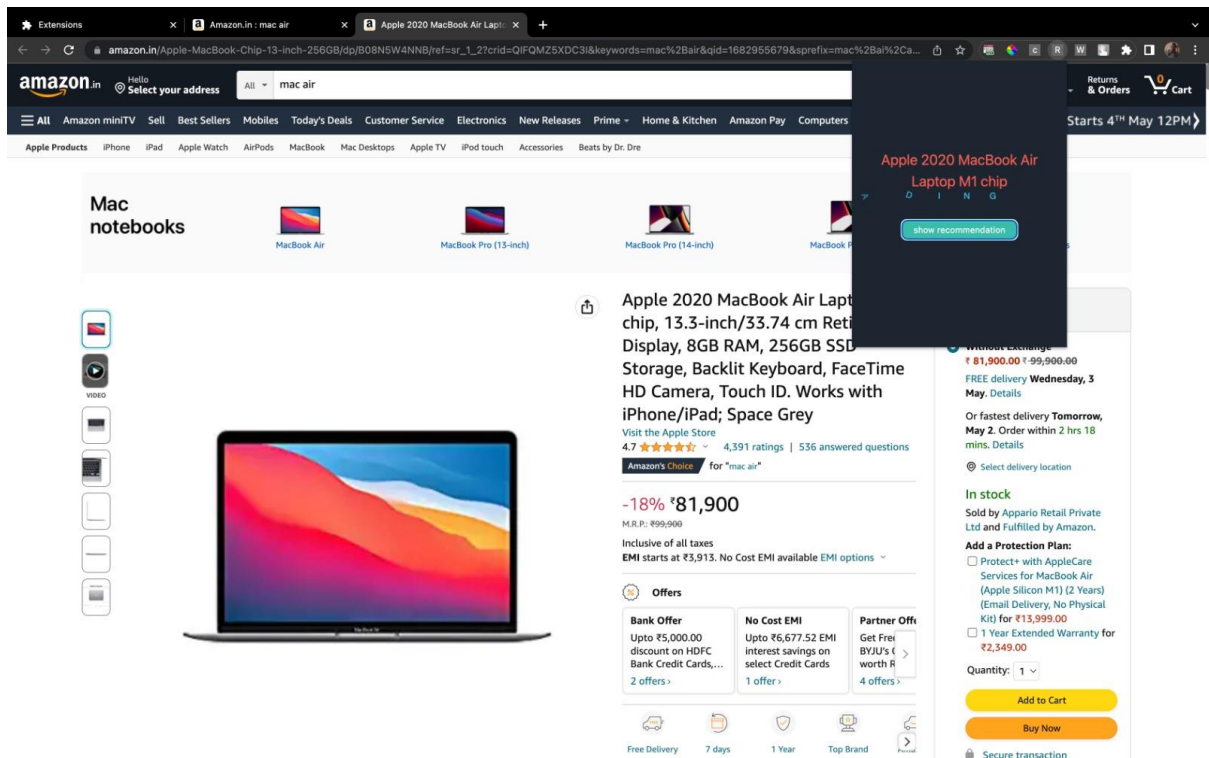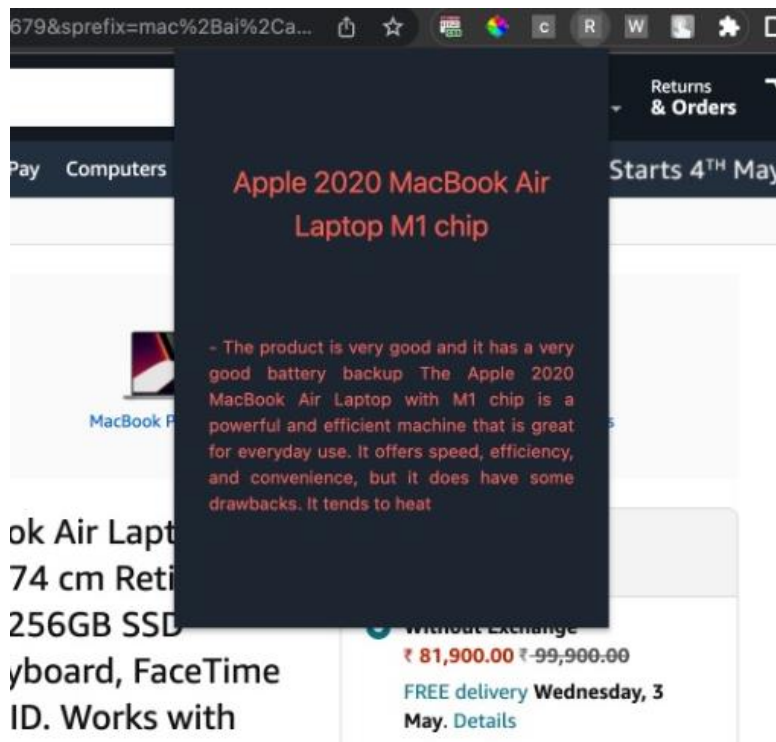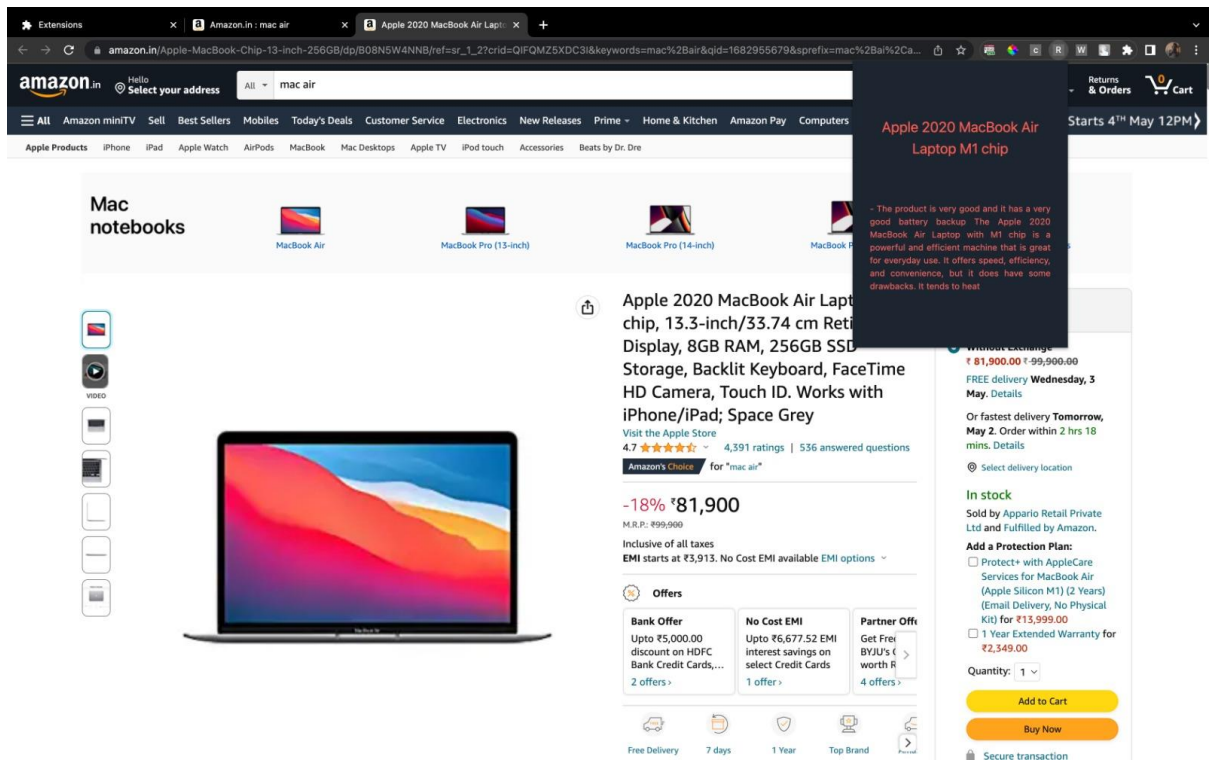**Fig 9.6 Loaded name of the product**

Fig 9.7 Review Summary Fetch animation

Fig 9.8 Fetched Review Summary