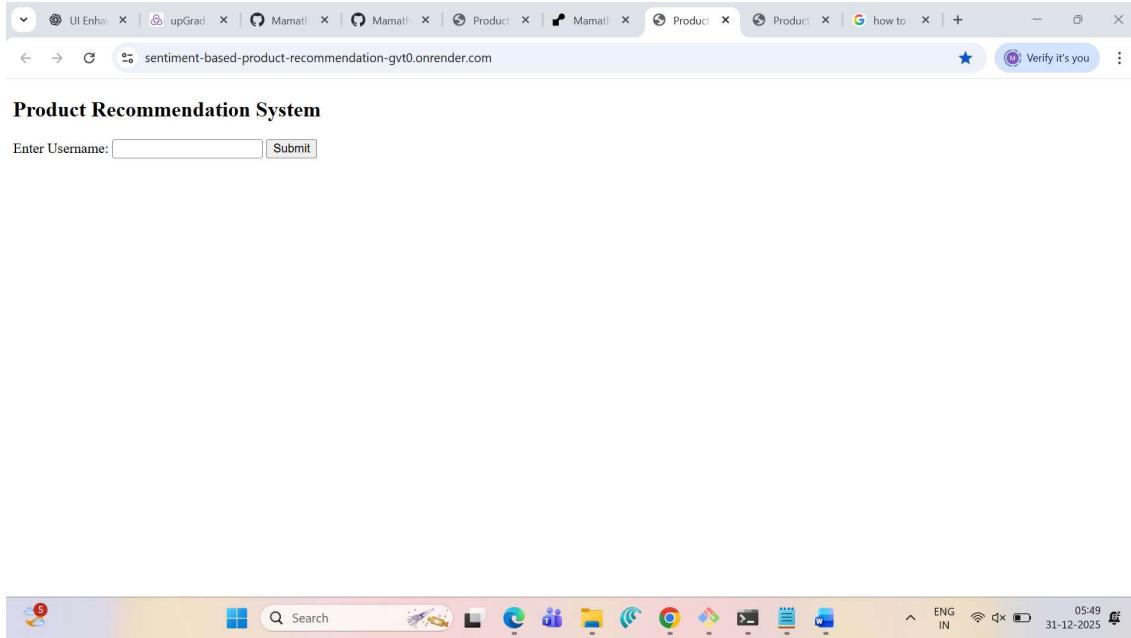
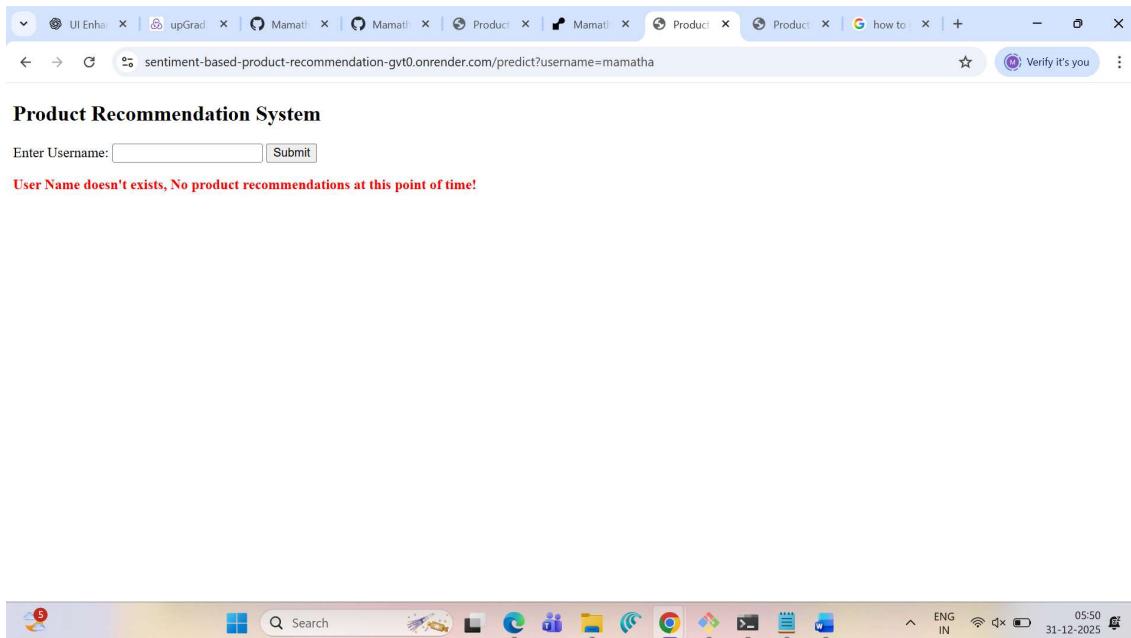


## Screen Shot 1- of mainpage Render- Sentiment based product recommendation system



## Screen Shot 2 : Invalid user input:



Screen Shot 3: valid user recommendation for 123charlie

The screenshot shows a web browser window with multiple tabs open. The active tab displays a "Product Recommendation System". A form asks for a "Username" (with "123charlie" entered) and a "Submit" button. Below the form is a table titled "Recommended Products" containing five rows of data.

name	brand	manufacturer	pos_sentiment_percent
Vaseline Intensive Care Healthy Hands Stronger Nails Red (special Edition) (dvdvideo)	Vaseline	Vaseline	94.74
Summit Entertainment	Summit Entertainment	93.9	
Planes: Fire Rescue (2 Discs) (includes Digital Copy) (blu-Ray/dvd)	Disney	Walt Disney	93.52
Clorox Disinfecting Bathroom Cleaner	Clorox	AmazonUs/CLOO7	93.18
Stargate (ws) (ultimate Edition) (director's Cut) (dvdvideo)	Lionsgate	Lions Gate	91.94

The taskbar at the bottom of the screen shows various pinned icons and the date/time (31-12-2025, 05:51).

Screen shot 4: Valid user Joshua input.

The screenshot shows a web browser window with multiple tabs open. The active tab displays a "Product Recommendation System". A form asks for a "Username" (with "joshua" entered) and a "Submit" button. Below the form is a table titled "Recommended Products" containing six rows of data.

name	brand	manufacturer	pos_sentiment_percent
Planes: Fire Rescue (2 Discs) (includes Digital Copy) (blu-Ray/dvd)	Disney	Walt Disney	93.52
Clorox Disinfecting Bathroom Cleaner	Clorox	AmazonUs/CLOO7	93.18
My Big Fat Greek Wedding 2 (blu-Ray + Dvd + Digital)	Universal Home Video	Universal	91.47
Clorox Disinfecting Wipes Value Pack Scented 150 Ct Total	Clorox	Clorox	90.46
Godzilla 3d Includes Digital Copy Ultraviolet 3d/d Blu-Ray/dvd	Warner Home Video	Test	89.26

The taskbar at the bottom of the screen shows various pinned icons and the date/time (31-12-2025, 05:52).