

News Articles Sorting

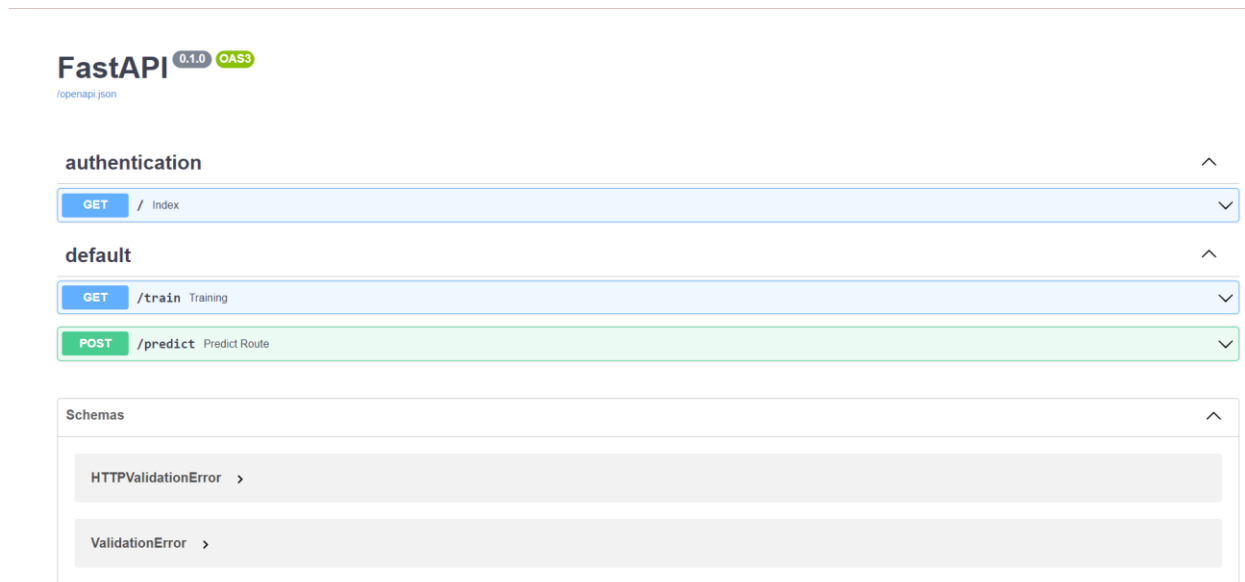
Wireframe Documentation

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Date: 1/08/2024

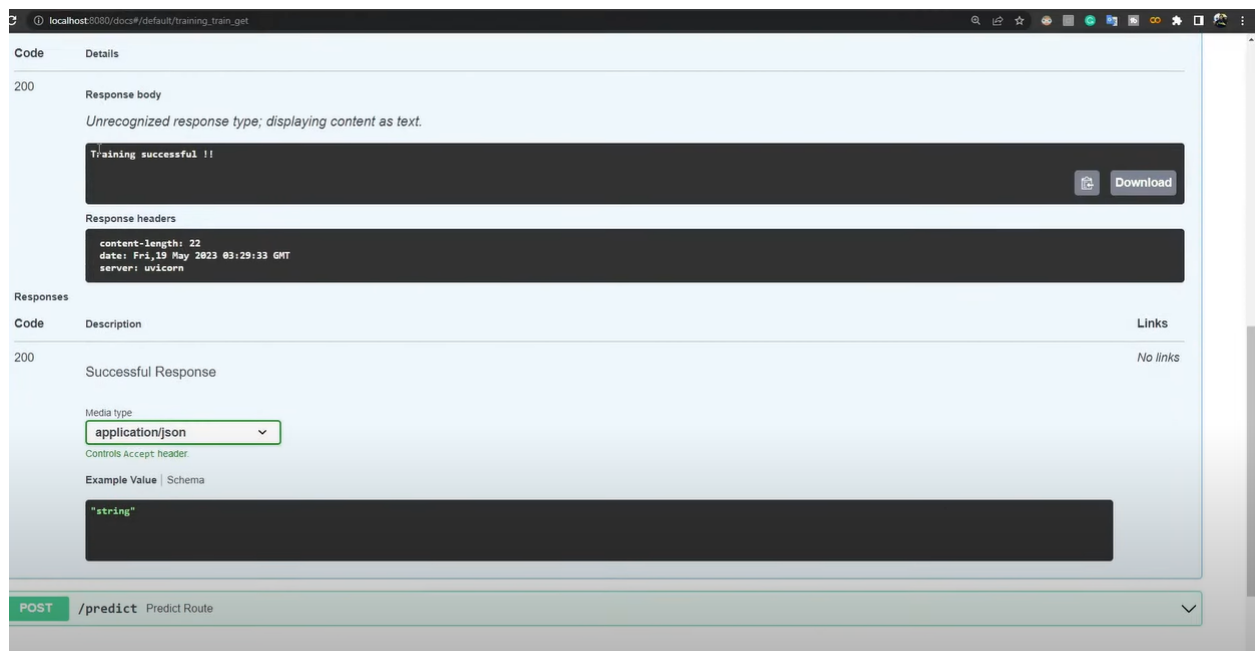
Homepage

The FastAPI Application homepage looks like the following. It contains two options for the users. One is Training and the other is Prediction Route.



Training Response

Upon clicking on the training option, the application provides a “try it out” which leads to the training of the system. Upon completing the training after a while, the systems responses as “Training successful” otherwise giving an error message.



Prediction Route

The prediction Route also allows the users to try out the classification system by putting the input in the text box. After inserting the text, users can press the “execute” button and the system gives back the response predicting the label and score of the text.

The screenshot shows the default API interface for the Prediction Route. The route is `POST /predict` with the description "Predict Route". The parameters section shows a required text input field labeled "text" with a description "(query)". The responses section shows a 200 status code with the description "Successful Response" and a media type of "application/json".


For this project, we have manipulated five kinds of news articles i.e. Sports, Entertainment, Politics, Business and Tech. The system is able to classify the articles according to their classes.

1. Entertainment Articles

The screenshot shows the default API interface for the Prediction Route with a sample request and response. The route is `POST /predict` with the description "Predict Route". The parameters section shows a required text input field labeled "text" with a description "(query)". The text input field contains the sample request: "rapper 50 cent scores chart first rapper 50 ce". The Execute button is highlighted. The responses section shows a 200 status code with the description "Successful Response" and a media type of "application/json". The server response is shown as a JSON object: `{ "label": "entertainment", "score": 0.9918357729911884 }`.

[illegible][illegible]

localhost:8080/docs#/default/predict_route_predict_post



localhost:8080/docs#/default/predict_route_predict_post