## Wireframe Documentation

## **Mall Customer Segmentation**

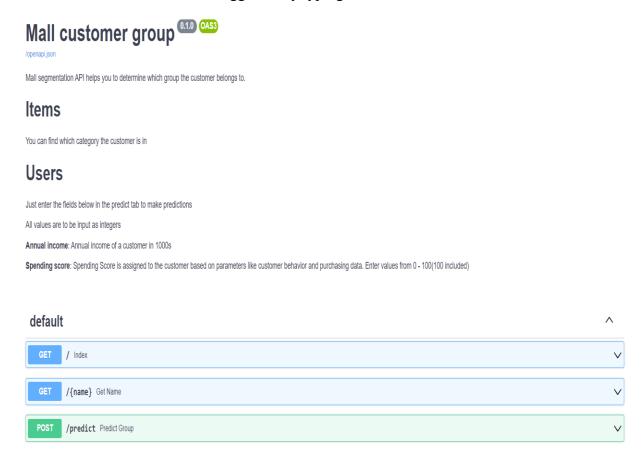
## Home page

The model is deployed in FastAPI as an API and after running the link to the connection at 127.0.0.1:8000, the user is greeted with a home page as seen below

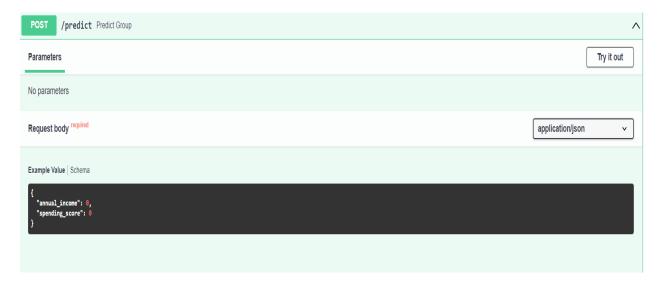
```
if name == ' main ':
   uvicorn.run(app, host = '127.0.0.1', port = 8000)
         Started server process [16252]
INFO:
INFO:
         Waiting for application startup.
INFO:
         Application startup complete.
         Uvicorn running on http://127.0.0.1:8000 (Press CTRL+C to quit)
INFO:
     → C ① 127.0.0.1:8000
{"Message":"Welcome to Customer group prediction. Type /docs at the end of the above url"}
```

## **Prediction Page**

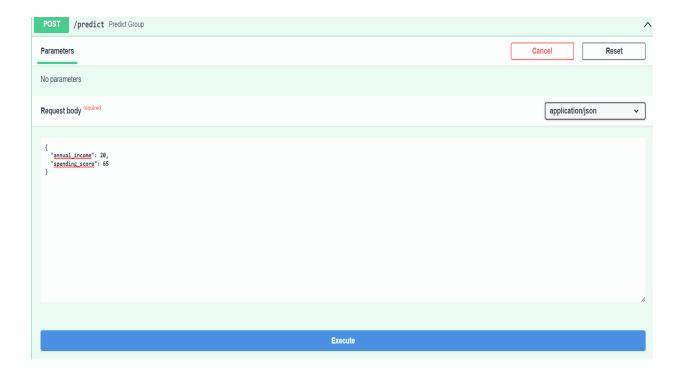
The link can be diverted to the Swagger UI by typing "/docs" at the end of the link



The user can start the prediction by selecting the predict pane and can input values so that the model can predict the group of the customer



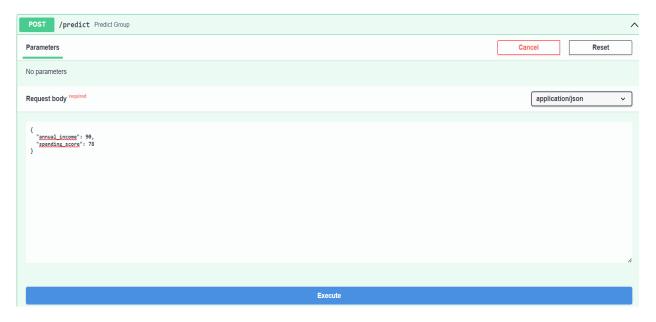
The values can be entered to the model by pressing on the "Try it out" button



After pressing the "Execute" button, the model outputs the group the customer belongs to.



The model can be used to make predictions again by re-entering the relevant values as seen below



The model again outputs the designated group of the customer

