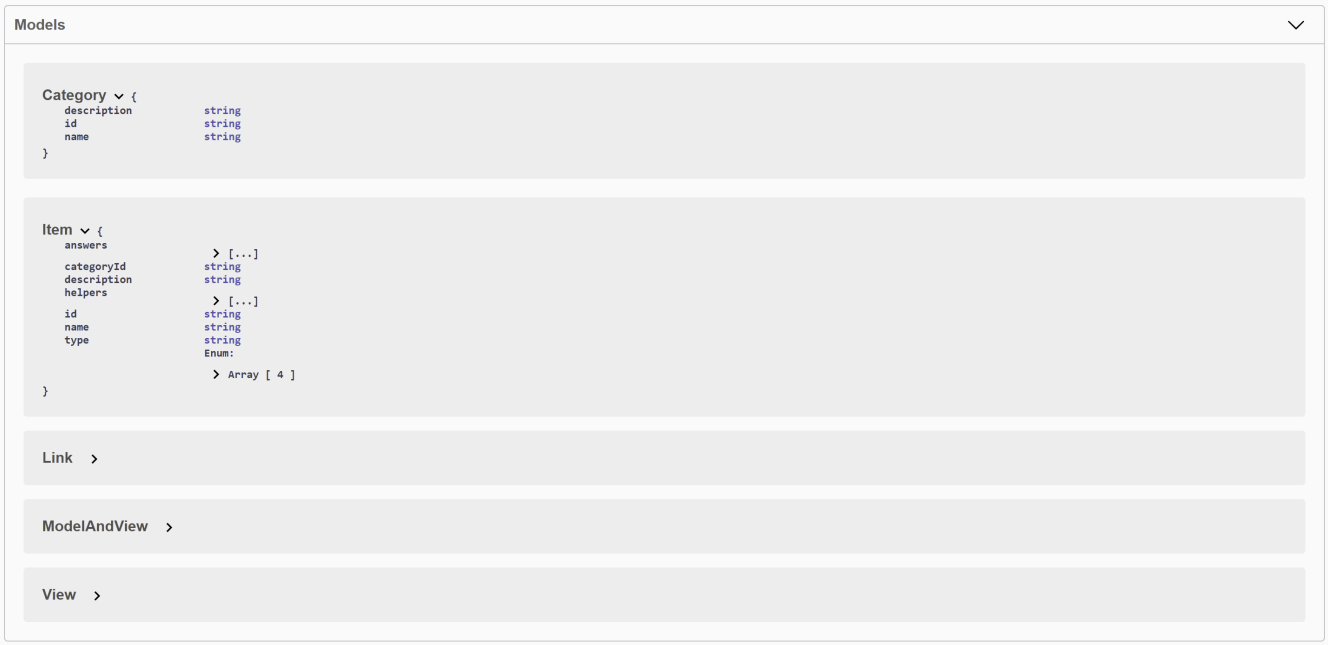
The app prototype

WARNING	All of the information (including visual) is a subject to change. This is only a prototype, which is not representing the final quality of the product.

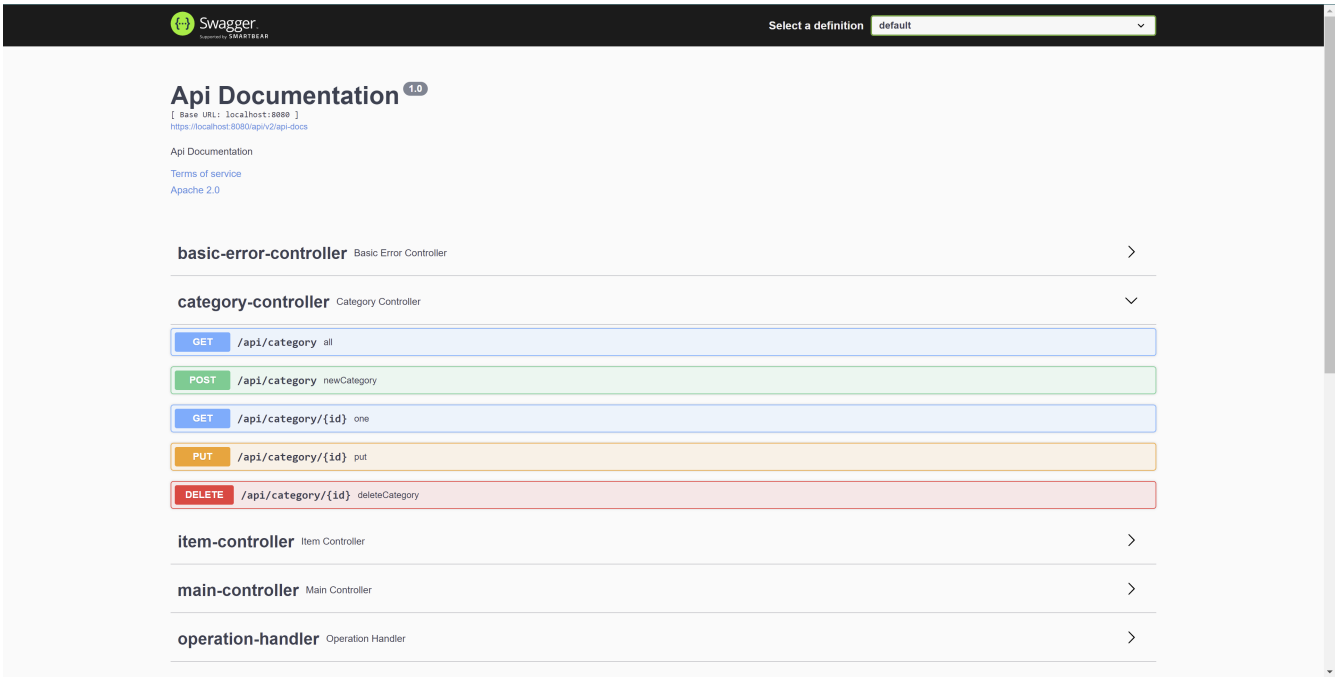
Backend

The app prototype includes basic backend providing API. There are two models implemented for now: Category and Item. Two screenshots below show the models on the `swagger-ui` page.

NOTE	Spring Boot also creates some models by default.

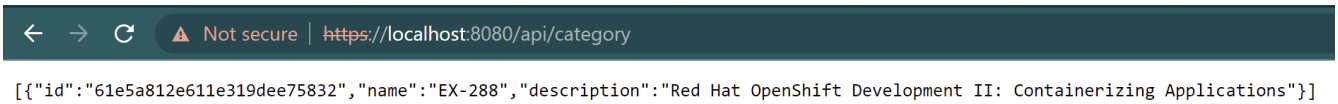


There are several API requests available for the **Category** model.

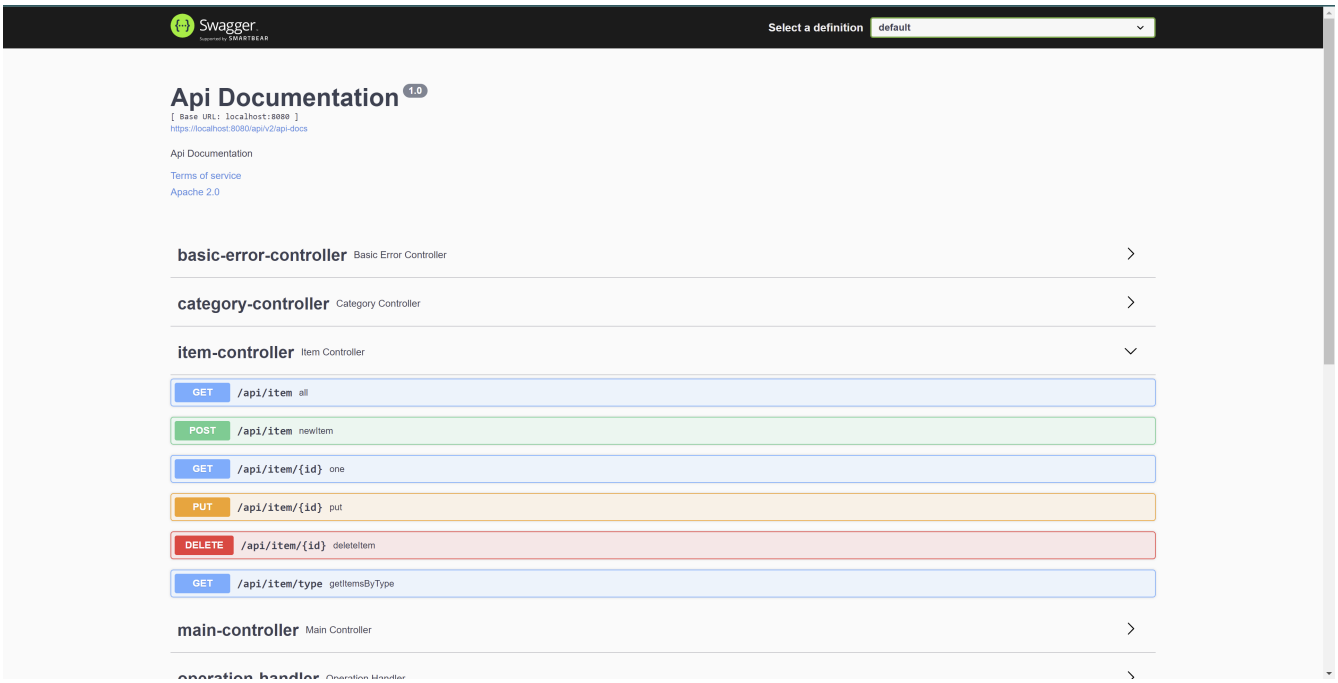


For example, GET request to the `/api/category` returns all categories available.

NOTE	The certificate issue is being investigated for now.



There is also an **Item** controller with several basic requests.



WARNING	All calls to the API must contain a *Basic Authentication* header. They will be rejected with response `403: Forbidden` otherwise.

Frontend

The frontend of the app has three screens implemented: **Categories**, **Questions** and **Item**. **Category** screen looks as follows:

← Categories

EX-288

Red Hat OpenShift Development II: Containerizing Applications

NOTE	For now the database is populated with only one category.

Each category has a name of the certification and a short description. Tapping/clicking on the specific category brings the user to the **Questions** screen listing the questions for the category chosen.

← Questions

Choosing a question navigates the user to the **Item** screen.

← Item

1. Enter your local clone of the DO288-apps Git repository and checkout the master branch
2. Create a new branch docker-build and push it to git
3. Load your ocp environment
4. Log in to OpenShift
5. Create a new project your_username-docker-build
6. Create a new application named echo from the Dockerfile in the ubi-echo folder. Use the branch you created in a previous step
7. Follow the build logs
8. Verify that the application works inside OpenShift
9. Get the application pod
10. Display the application pod echo-1-555 logs
11. Rebuild the application

DO288-apps, docker-build, master, ${RHT_OCP4_DEV_USER}, {RHT_OCP4_DEV_PASSWORD}, ${RHT_OCP4_MASTER_API}, https://github.com/${RHT_OCP4_GITHUB_USER}/, echo-1-555

Show Answer Next

There two buttons at the moment: `Show answer` and `Next`. The former puts a correct answer into the answer window; the latter brings up the next question.

NOTE	All data is being loaded via the live requests to API server right now running locally.