

Mock Servers with Postman

A mock API server imitates a real API server by providing realistic mock API responses to requests.

Within Postman, you can make requests that return mock data defined if you do not have a production API ready, or you do not want to run your requests against real data yet.

Example –

{{base_url}}/getapitestingcourses

<https://4e612d63-31bb-41f3-9430-d30ca851391e.mock.pstmn.io/getapitestingcourses>

```
"data": [
  {
    "course": "Postman",
    "price": 150,
    "category": "Javascript"
  },
  {
    "course": "SoapUI",
    "price": 25,
    "category": "Groovy"
  },
  {
    "course": "RestAssured",
    "price": 100,
    "category": "Java"
  },
  {
    "course": "RestAssured",
    "price": 100,
    "category": "Java"
  }
]
```

->

Json Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array",
      "items": [
        {
          "type": "object",
          "properties": {
            "course": {
              "type": "string"
            },
            "price": {
              "type": "integer"
            },
            "category": {
              "type": "string"
            }
          },
          "required": [
            "course",
            "price",
            "category"
          ]
        }
      ]
    }
  },
  "required": [
    "data"
  ]
}
```

Categories: JavaScript, Java, Python etc.

Sample Example: -

```
{
  "data": [
    {
      "course": "Postman",
      "price": 150,
      "category": "Javascript"
    },
    {
      "course": "SoapUI",
      "price": 25,
      "category": "Groovy"
    },
    {
      "course": "RestAssured",
      "price": 100,
      "category": "Java"
    },
    {
      "course": "RestAssured",
      "price": 100,
      "category": "Java"
    }
  ]
}
```

{{base_url}}/getcoursedetails?name={{course}}

```
{
  "name": "postman",
  "category": "javascript",
  "content": "videos",
  "length": "15hours",
  "students": 12342
}
```

Functional Validations –

- Verify if JavaScript Category is added for getapitestingscourses call
- Verify if JavaScript course details are retrieved and students count is greater than 10,000 using getcoursedetails call