# API Document

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| --- | --- | --- | --- |
| **API** | **Url** | **Input** | **Output** |
| **Create Customer** | <http://localhost:8090/api/v1/create_customer/> | Auth :  Basic Auth:  Username: admin  Password admin123  Request Type: POST  Body:  {  "First\_Name": "Ben",  "Last\_Name": "Stokes",  "DOB": "25-06-1991"  } | 201- Created  {"id":8,"First\_Name":"Ben","Last\_Name":"Stokes","DOB":"25-06-1991"} |
| **Create Policy** | http://localhost:8090/api/v1/create\_policy/ | Auth :  Basic Auth:  Username: admin  Password admin123  Request Type: POST  Body:  {  "Type": "personal-accident",  "Premium": 200,  "Cover": 200000  } | 201- Created  {      "id": 1,      "Type": "personal-accident",      "Premium": "200",      "Cover": 200000  } |
| **Map Policy To Customer** | <http://localhost:8090/api/v1/policy_associate/> | Auth :  Basic Auth:  Username: admin  Password admin123  Request Type: POST  Body:  {"CustId":8,"PolicyId":1} | 201- Created  {      "id": 1,      "CustId": 8,      "PolicyId": 1  } |

## **Example with Python Requests:**

### **Code: Create Customer**

|  |
| --- |
| import requests  url = "http://localhost:8090/api/v1/create\_customer/"  payload = "{\n \"First\_Name\": \"Ben\",\n \"Last\_Name\": \"Stokes\",\n \"DOB\": \"25-06-1991\"\n}"  headers = {  'Content-Type': 'application/json',  'Accept': 'application/json',  'Authorization': 'Basic YWRtaW46YWRtaW4xMjM='  }  response = requests.request("POST", url, headers=headers, data = payload)  print(response.text.encode('utf8')) |

### **Code: Create Policy**

|  |
| --- |
| import requests  url = "http://localhost:8090/api/v1/create\_policy/"  payload = "{ \n \"Type\": \"personal-accident\",\n \"Premium\": 200,\n \"Cover\": 200000\n}"  headers = {  'Content-Type': 'application/json',  'Accept': 'application/json',  'Authorization': 'Basic YWRtaW46YWRtaW4xMjM='  }  response = requests.request("POST", url, headers=headers, data = payload)  print(response.text.encode('utf8')) |

### **Code: Map Policy to Customer**

|  |
| --- |
| import requests  url = "http://localhost:8090/api/v1/policy\_associate/"  payload = "{\"CustId\":8,\"PolicyId\":1}"  headers = {  'Content-Type': 'application/json',  'Accept': 'application/json',  'Authorization': 'Basic YWRtaW46YWRtaW4xMjM='  }  response = requests.request("POST", url, headers=headers, data = payload)  print(response.text.encode('utf8')) |