**E-learning-microservices API Documentation**

1. **Create Patient**

This API will create a patient and return the created patient's information

|  |  |
| --- | --- |
| URL | http://127.0.0.1:5000/patients |
| Method | POST |
| URL Params | <none> |
| Header | Content-Type: application/json |
| Data Params | <none> |
| Success Response | Code 201: Created  {  "message": "Add patients success!",  "patients": {  "address": "Quy Nhơn",  "birthday": "2008-05-15",  "gender": "nam",  "id": 25,  "name": "Văn Toàn",  "phone": "0914232371"  }  } |
| Error Response |  |

1. **Get Patient by ID**

This API will return patient information by ID

|  |  |
| --- | --- |
| URL | http://127.0.0.1:5000/patients/{id} |
| Method | GET |
| URL Params | <none> |
| Header | Content-Type: application/json |
| Data Params | <none> |
| Success Response | Code 200: OK  {  "address": "Quy Nhon",  "birthday": "2008-05-15",  "gender": "male",  "id": 25,  "name": "Van Toan",  "phone": "0914232371"  } |
| Error Response |  |

1. **Update Patient**

This API returns updated patient information

|  |  |
| --- | --- |
| URL | http://127.0.0.1:5000/patients/{id} |
| Method | PUT |
| URL Params | <none> |
| Header | Content-Type: application/json |
| Data Params | <none> |
| Success Response | Code 200: OK  {  "message": "Update patients successfully",  "patients": {  "address": "Quy Nhon",  "birthday": "2008-05-15",  "gender": "male",  "id": 25,  "name": "Toan",  "phone": "0914232371"  }  } |
| Error Response |  |

1. **Get all Patient**

This API will return a list of patients with complete patient information

|  |  |
| --- | --- |
| URL | http://127.0.0.1:5000/patients |
| Method | GET |
| URL Params | <none> |
| Header | Content-Type: application/json |
| Data Params | <none> |
| Success Response | Code 200: OK  [  {  "patient": {  "address": "Nhon Binh",  "birthday": "2023-05-10",  "gender": "female",  "id": 21,  "name": "Le Manh",  "phone": "0914232372"  }  },  {  "patient": {  "address": "Quy Nhon",  "birthday": "2023-05-20",  "gender": "male",  "id": 19,  "name": "King Phi",  "phone": "0336146663"  }  }  ] |
| Error Response |  |
| Sample Call |  |

1. **Get all courses**

This API will return information about all courses

|  |  |
| --- | --- |
| URL | http://localhost:8081/course/api |
| Method | GET |
| URL Params | <none> |
| Header | Content-Type: application/json  Authorization: Bearer <token> |
| Data Params | <none> |
| Success Response | Code 200: OK  Content:  [  {  “id”: “<id>”,  “name”: “<name>”,  “price”: “<price>”,  “description”: “<description>”,  },  {  “id”: “<id>”,  “name”: “<name>”,  “price”: “<price>”,  “description”: “<description>”,  }  ] |
| Error Response | Code 401: Unauthorized |
| Sample Call |  |

1. **Get course by id**

This API will return information about a specific course

|  |  |
| --- | --- |
| URL | http://localhost:8081/course/api/{id} |
| Method | GET |
| URL Params | <none> |
| Header | Content-Type: application/json  Authorization: Bearer <token> |
| Data Params | <none> |
| Success Response | Code 200: OK  Content:  [  {  “id”: “<id>”,  “name”: “<name>”,  “price”: “<price>”,  “description”: “<description>”,  },  ] |
| Error Response | Code 401: Unauthorized |
| Sample Call | http://localhost:8081/course/api/1 |

1. **Create a course**

This API will create a course and return information about the course

|  |  |
| --- | --- |
| URL | http://localhost:8081/course/api |
| Method | POST |
| URL Params | <none> |
| Header | Content-Type: application/json  Authorization: Bearer <token> |
| Data Params | <none> |
| Success Response | Code 200: OK  Content:  [  {  “id”: “<id>”,  “name”: “<name>”,  “price”: “<price>”,  “description”: “<description>”,  },  ] |
| Error Response | Code 401: Unauthorized |
| Sample Call | {  “id”: “<id>”,  “name”: “<name>”,  “price”: “<price>”,  “description”: “<description>”,  }, |

1. **Update a course by id**

This API will update a course by id and return information about the course

|  |  |
| --- | --- |
| URL | http://localhost:8081/course/api/{id} |
| Method | PUT/PATCH |
| URL Params | <none> |
| Header | Content-Type: application/json  Authorization: Bearer <token> |
| Data Params | <none> |
| Success Response | Code 200: OK  Content:  [  {  “id”: “<id>”,  “name”: “<name>”,  “price”: “<price>”,  “description”: “<description>”,  },  ] |
| Error Response | Code 401: Unauthorized |
| Sample Call | {  “id”: “<id>”,  “name”: “<name>”,  “price”: “<price>”,  “description”: “<description>”,  }, |

1. **Delete a course by id**

This API will delete a course by id

|  |  |
| --- | --- |
| URL | http://localhost:8081/course/api/{id} |
| Method | DELETE |
| URL Params | <none> |
| Header | Content-Type: application/json  Authorization: Bearer <token> |
| Data Params | <none> |
| Success Response | Code 200: OK |
| Error Response | Code 401: Unauthorized |
| Sample Call | http://localhost:8081/course/api/1 |