

iMediX API for CoviApp

User Module

API endpoint: <https://imedixbcr.iitkgp.ac.in/api/user>

API Methods

POST /login

Description: Authorize a user for accessing the API

Request Parameters

Name	Value	Located In	Type	Description
username	<username> provided	Body	String	
password	<password> provided	Body	String	

Response HTTP Code

HTTP Code	Error Code	Description
200		OK
403		Forbidden

Example Response

```
{
  "hasPatientData": "no",
  "hasCovidData": "no",
  "type": "doc",
  "jwtToken":
  "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJCQ1JUMDE5MjgwNTIwMDAwMCIsInBhdGlkIjoiQkNSVDAxOTI4MDUyMTAwMDAiLCJleHAiOiJlMjMjI0MzA1OTAsImhhdCI6MTYyMjM5NDU5MH0.fCdsAG04tWWH5_GuZf24G2YZ_NaFv9Cy5SLaTOMwOMM"
}
```

Note: The token in the above example response will be required for calling all other methods. The following error message will appear if the token expires. Token expiration time is set to 30 sec for testing purposes.

```
{
  "message": "token has expired",
  "status": "error"
}
```

POST /coviapp/update-patient-detail

Description: Add or Update patient details.

Request Parameters

Name	Value	Located In	Type	Description
Authorization	Bearer <token>	Header	String	
hall		Body	String	Hall Name
parent_mobilenno		Body	String	Parent's Mobile Number
selected_category		Body	String	Student/Staff/...

Response HTTP Code

HTTP Code	Error Code	Description
200		OK
403		Forbidden

Example Request

POST https://imedixbcr.iitkgp.ac.in/api/coviapp/update-patient-detail

```
{
  "hall": "MS Hall",
  "parent_mobilenno": "8874522155",
  "selected_category": "Student"
}
```

Example Response

```
{
  "message": "Patient Details added successfully",
  "status": "success"
}
```

GET /coviapp/get-patient-detail

Description: Get the Patient details including data entered at the time of login creation.

Request Parameters:

Name	Value	Located In	Type	Remarks
Authorization	Bearer <token>	Header	String	

Response HTTP Code

HTTP Code	Error Code	Description
200		OK
403		Forbidden

Example Request

GET https://imedixbcr.iitkgp.ac.in/api/coviapp/get-patient-detail

Example Response

```
{
  "data": {
    "name": "coviapp demo1",
    "dateofbirth": "1980-06-05",
    "hall": "MS Hall",
    "phone": "1123455678",
    "opdno": "112233",
    "parent_mobileno": "8874522155",
    "selected_category": "Student"
  },
  "status": "success"
}
```

Note: The field "opdno" is Roll No/Employee code.

POST /coviapp/update-covid-detail

Description: Add or Update covid details.

Request Parameters

Name	Value	Located In	Type	Remarks
Authorization	Bearer <token>	Header	String	
isolation_address		Body	String	
supervisor_name		Body	String	
supervisor_mobilenno		Body	String	
symptoms		Body	String	
isolation_date		Body	String	dd-mm-yyyy
have_covid	yes/no	Body	String	

Response HTTP Code

HTTP Code	Error Code	Description
200		OK
403		Forbidden

Example Request

POST https://imedixbcr.iitkgp.ac.in/api/coviapp/update-covid-detail

```
{
  "isolation_address": "BCRTH",
  "supervisor_name": "Mr. X",
  "supervisor_mobilenno": "9965522147",
  "symptoms": "Fever",
  "isolation_date": "20-05-2020",
  "have_covid": "yes"
}
```

Example Response

```
{
  "message": "Covid Details added successfully",
  "status": "success"
}
```

GET /coviapp/get-covid-detail

Description: Get the covid data.

Request Parameters:

Name	Value	Located In	Type	Remarks
Authorization	Bearer <token>	Header	String	

Response HTTP Code

HTTP Code	Error Code	Description
200		OK
403		Forbidden

Example Request

GET https://imedixbcr.iitkgp.ac.in/api/coviapp/get-covid-detail

Example Response

```
{
  "data": {
    "isolation_address": "BCRTH",
    "isolation_date": "2020-05-20",
    "supervisor_name": "Mr. X",
    "supervisor_mobilenos": "9965522147",
    "symptoms": "Fever",
    "have_covid": "yes"
  },
  "status": "success"
}
```

POST /coviapp/add-data

Description: Add timestamp data.

Request Parameters

Name	Value	Located In	Type	Remarks
Authorization	Bearer <token>	Header	String	
fever		Body	String	
spo2		Body	String	
patient_condition		Body	String	
food_supply		Body	String	

Response HTTP Code

HTTP Code	Error Code	Description
200		OK
403		Forbidden

Example Request

POST https://imedixbcr.iitkgp.ac.in/api/coviapp/add-data

```
{
  "fever": "98.5",
  "spo2": "96",
  "patient_condition": "good",
  "food_supply": "yes"
}
```

Example Response

```
{
  "message": "Covid data added successfully",
  "status": "success"
}
```

GET /coviapp/get-data

Description: Get all the timestamp data of the patient logged in.

Request Parameters:

Name	Value	Located In	Type	Remarks
Authorization	Bearer <token>	Header	String	

Response HTTP Code

HTTP Code	Error Code	Description
200		OK
403		Forbidden

Example Request

GET https://imedixbcr.iitkgp.ac.in/api/coviapp/get-data

Example Response

```
{
  "data": [
    {
      "entrytime": "2021-05-30T11:44:58.000+00:00",
      "fever": 98.00,
      "spo2": 94.00,
      "patient_condition": "good",
      "food_supply": "yes"
    },
    {
      "entrytime": "2021-05-30T11:45:27.000+00:00",
      "fever": 95.00,
      "spo2": 96.00,
      "patient_condition": "good",
      "food_supply": "yes"
    }
  ],
  "status": "success"
}
```

Test Functions

POST /coviapp/remove-patient-detail

Description: Delete patient details.

Request Parameters:

Name	Value	Located In	Type	Remarks
Authorization	Bearer <token>	Header	String	

Response HTTP Code

HTTP Code	Error Code	Description
200		OK
403		Forbidden

Example Request

POST https://imedixbcr.iitkgp.ac.in/api/coviapp/remove-patient-detail

Example Response

```
{
  "data": "Patient Details are deleted successfully",
  "status": "success"
}
```


POST /coviapp/remove-covid-detail

Description: Delete covid details.

Request Parameters:

Name	Value	Located In	Type	Remarks
Authorization	Bearer <token>	Header	String	

Response HTTP Code

HTTP Code	Error Code	Description
200		OK
403		Forbidden

Example Request

POST https://imedixbcr.iitkgp.ac.in/api/coviapp/remove-covid-detail

Example Response

```
{
  "data": "Covid Details are deleted successfully",
  "status": "success"
}
```

POST /coviapp/remove-data

Description: Delete timestamp data of the patient logged in.

Request Parameters:

Name	Value	Located In	Type	Remarks
Authorization	Bearer <token>	Header	String	

Response HTTP Code

HTTP Code	Error Code	Description
200		OK
403		Forbidden

Example Request

POST https://imedixbcr.iitkgp.ac.in/api/coviapp/remove-data

Example Response

```
{
  "data": "Timestamp data are deleted successfully",
  "status": "success"
}
```

Doctors Dashboard

GET /coviapp/get-all-patients

Description: Get the list of patients registered.

Request Parameters:

Name	Value	Located In	Type	Remarks
Authorization	Bearer <token>	Header	String	

Response HTTP Code

HTTP Code	Error Code	Description
200		OK
403		Forbidden

Example Request

GET https://imedixbcr.iitkgp.ac.in/api/coviapp/get-all-patients

Example Response

```
{
  "data": [
    {
      "pat_id": "VBCR0192309200001",
      "name": "Test 23rd Sep 1",
      "dateofbirth": "1984-05-23",
      "hall": "RK Hall",
      "phone": null,
      "ec_rollno": "TEST23-1",
      "parent_mobilenos": "885541235",
      "selected_category": "BTech",
      "isolation_address": "HOME Isolation",
      "isolation_date": "2020-05-19T18:30:00.000+00:00",
      "supervisor_mobilenos": "22563222145",
      "supervisor_name": "Mr. Y",
      "symptoms": "Fever",
      "have_covid": "yes",
      "entrytime": "2021-05-31T07:42:51.000+00:00",
      "fever": 102.00,
      "spo2": 92.00,
      "patient_condition": "Good",
    }
  ]
}
```

```
    "food_supply": "yes"
  },
  {
    "pat_id": "VBCR0190710200002",
    "name": "Test OCT7-3 patient",
    "dateofbirth": "1990-06-06",
    "hall": "RK Hall",
    "phone": "8854133221",
    "ec_rollno": "001254",
    "parent_mobilenno": "885541235",
    "selected_category": "BTech",
    "isolation_address": "BCRTH",
    "isolation_date": "2020-05-19T18:30:00.000+00:00",
    "supervisor_mobilenno": "9965522147",
    "supervisor_name": "Mr. X",
    "symptoms": "Fever",
    "have_covid": "yes",
    "entrytime": "2021-05-31T09:31:23.000+00:00",
    "fever": 99.00,
    "spo2": 96.00,
    "patient_condition": "Good",
    "food_supply": "yes"
  }
],
"status": "success"
}
```

POST /coviapp/get-patient-data

Description: Get all timestamp data of the patient

Request Parameters:

Name	Value	Located In	Type	Remarks
Authorization	Bearer <token>	Header	String	
patid		Body	String	Patient ID received from /get-all-patients

Response HTTP Code

HTTP Code	Error Code	Description
200		OK
403		Forbidden

Example Request

POST https://imedixbcr.iitkgp.ac.in/api/coviapp/get-patient-data

```
{
  "patid": "VBCR0192309200001"
}
```

Example Response

```
{
  "data": [
    {
      "entrytime": "2021-05-31T07:42:41.000+00:00",
      "fever": 98.00,
      "spo2": 97.00,
      "patient_condition": "Good",
      "food_supply": "no"
    },
    {
      "entrytime": "2021-05-31T07:42:51.000+00:00",
      "fever": 99.00,
      "spo2": 96.00,
      "patient_condition": "Good",
      "food_supply": "yes"
    }
  ]
}
```

```
],
  "patid": "VBCR0192309200001",
  "status": "success"

    "have_covid": "yes"
  }
],
  "status": "success"
}
```