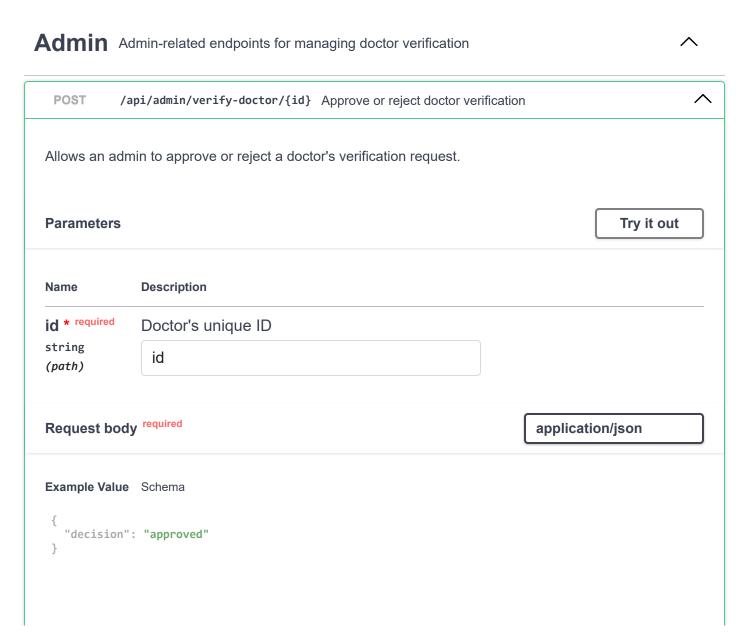


Uspark Backend API 1.0.0 OAS 3.0

API documentation for Uspark backend services

Servers		
https://two025s-rushhour.onrender.com - staging server	Authorize 🔒	



Responses

Code	Description	Links
200	Verification decision applied successfully	No links
404	Doctor not found	No links
500	Internal Server Error	No links

GET /api/admin/doctors Get list of all doctors

Fetches a list of all doctors and their verification status.

Parameters

Try it out

No parameters

Responses

Code	Description	
200	List of doctors retrieved successfully	No links

Media type

application/json

Controls Accept header.

Example Value Schema

```
[
    "_id": "65f4c3bdf1a3d7a9e9a4d8c2",
    "userId": {
        "email": "doctor@example.com",
        "fullName": "Dr. John Doe"
    },
    "specialization": "Cardiology",
    "verificationStatus": "approved"
    }
]
```

Code	Description	Links
500	Internal Server Error	No links

Appointments Endpoints for booking, viewing, updating, and deleting appointments

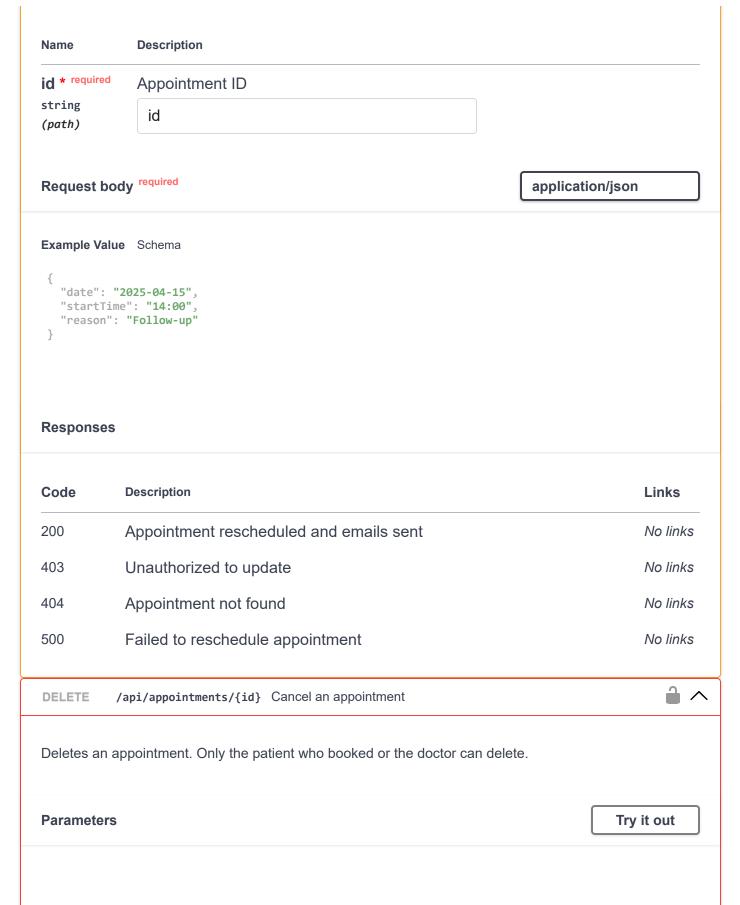


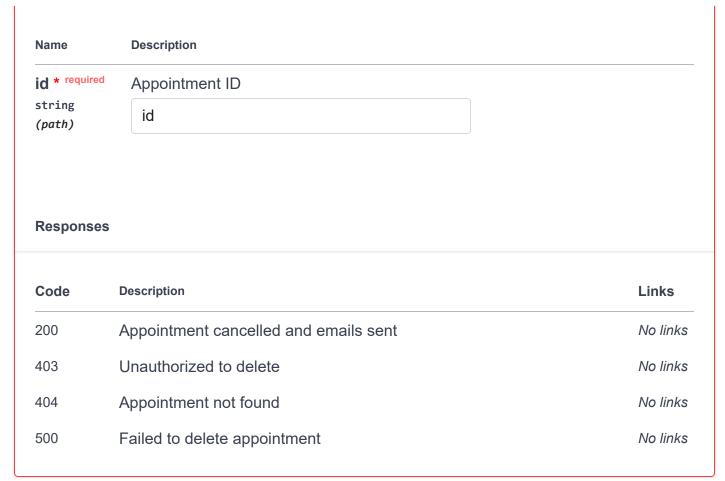
POST /api/appointments Book an appointment Book a new appointment with a doctor **Parameters** Try it out No parameters Request body required application/json Example Value Schema "doctorId": "65f4c3bdf1a3d7a9e9a4d8c2", "date": "2025-04-09", "startTime": "10:30", "reason": "Routine Checkup" Responses Code Description Links Appointment booked and confirmation emails sent No links 201 400 Missing fields or time slot already booked No links 404 Doctor not found No links No links 500 Failed to book appointment

GET /api/appointments Get appointments for current user

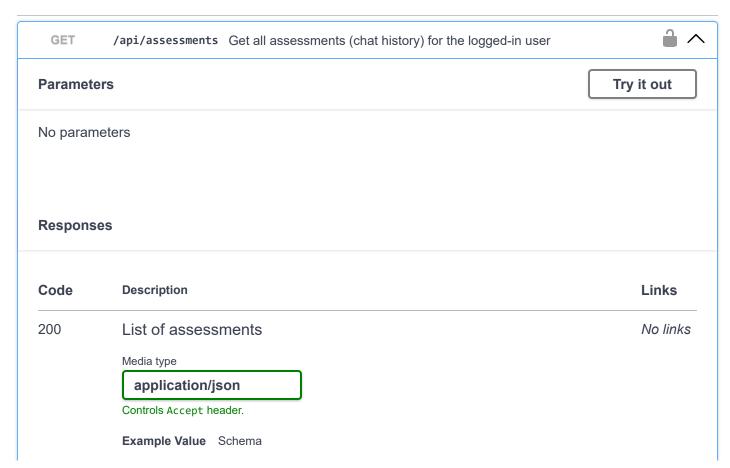


Returns all appointments for the authenticated patient or doctor **Parameters** Try it out No parameters Responses Code Description Links No links 200 List of appointments Media type application/json Controls Accept header. Example Value Schema {} Unauthorized role 403 No links 404 User or doctor not found No links Failed to fetch appointments No links 500 PUT /api/appointments/{id} Reschedule an appointment Update an existing appointment (only allowed by the patient who booked it) **Parameters** Try it out





Assessments APIs for managing user assessments (chat history)



O I PIVI	Swagger Or		
Code	Description	Links	
	0		
401	Unauthorized	No links	
500	Server error	No links	
DELETE	/api/assessments/{id} Delete an assessment (chat history) by ID	1	
Paramete	ers	Try it out	
Name	Description		
id * require	The ID of the assessment to delete		
string (path)	id		
Respons	es		
Code	Description	Links	
200	Assessment deleted successfully	No links	
401	Unauthorized	No links	
404	Assessment not found	No links	

Authentication User authentication endpoints

POST /api/auth/login Login with email and password

Authenticates a user and returns a JWT token.

Parameters Try it out No parameters Request body required application/json Example Value Schema "email": "user@example.com", "password": "securepassword" Responses Code Description Links Successfully authenticated 200 No links Media type application/json Controls Accept header. Example Value Schema "token": "jwt_token_here" 400 Invalid credentials or missing fields No links No links 500 Server error **POST** /api/auth/oauth OAuth authentication Logs in a user via OAuth provider (Google, Facebook, etc.) and returns a JWT token. Try it out **Parameters** No parameters

Request body required application/json Example Value Schema "email": "user@example.com", "userId": "oauth_user_12345", "fullName": "John Doe", "provider": "Google" Responses Code Links Description 200 Successfully authenticated via OAuth No links Media type application/json Controls Accept header. Example Value Schema "token": "jwt_token_here" Missing required fields 400 No links 500 Server error No links POST /api/auth/signup Register a new user Creates a new user account and returns a JWT token. **Parameters** Try it out No parameters Request body required application/json

```
Example Value Schema
   "email": "user@example.com",
"password": "securepassword",
"fullName": "John Doe"
Responses
Code
              Description
                                                                                                          Links
                                                                                                          No links
201
              User created successfully
              Media type
                application/json
              Controls Accept header.
              Example Value Schema
                  "token": "jwt_token_here",
"message": "User created successfully"
              User already exists or missing required fields
400
                                                                                                          No links
              Server error
                                                                                                         No links
500
             /api/auth/forgot-password Request password reset
 POST
Sends a password reset link to the user's email address.
                                                                                                    Try it out
Parameters
No parameters
Request body required
                                                                                      application/json
Example Value Schema
   "email": "user@example.com"
```

1

```
Responses
```

Code	Description	Links	
200	Password reset link sent successfully	No links	
	Media type application/json Controls Accept header.		
	Example Value Schema		
	<pre>{ "message": "Password reset link sent successfully" }</pre>		
400	Email is required	No links	
500	Server error	No links	
POST	/api/auth/verify-reset-token Verify password reset token	^	

Verifies if the provided token is valid and not expired.

Parameters

Try it out

No parameters

Request body required

application/json

```
Example Value Schema
```

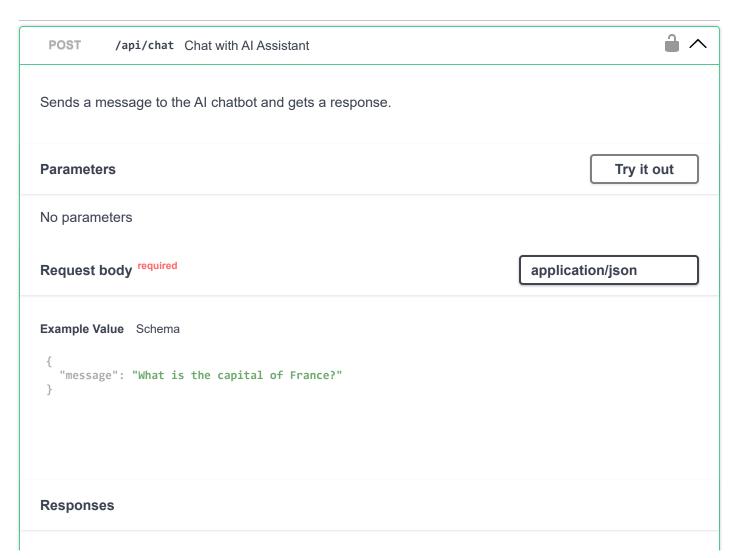
```
{
  "email": "user@example.com",
  "token": "valid_token"
}
```

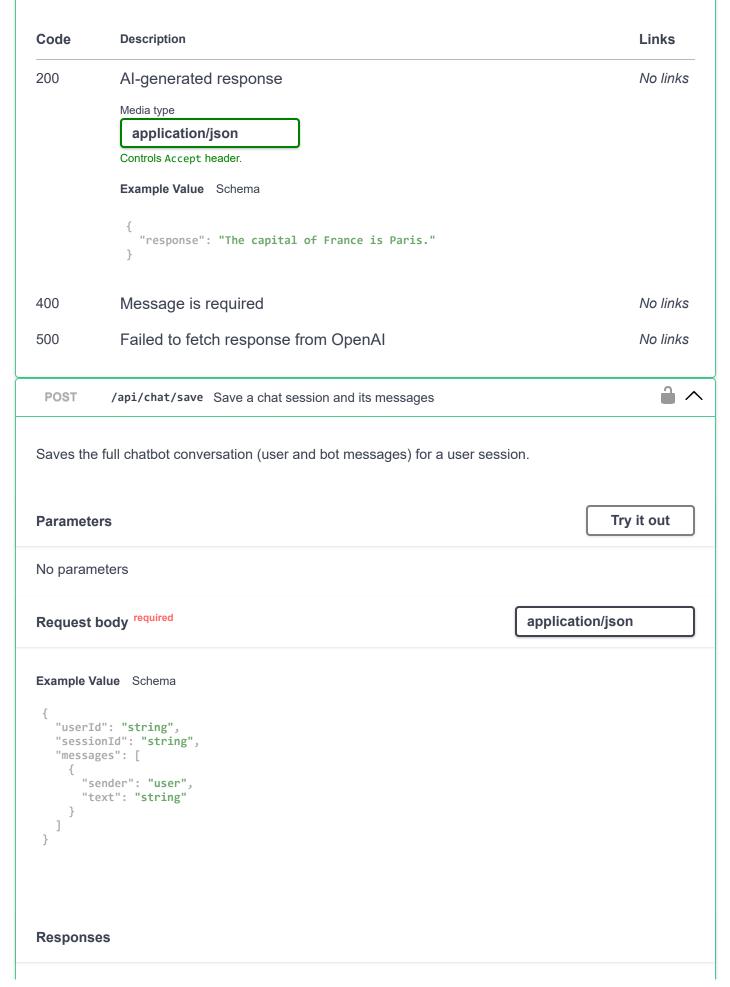
Responses

Code	Description	Links
200	Token verified, proceed with reset	No links
	Media type	
	application/json	
	Controls Accept header.	
	Example Value Schema	
	<pre>{ "message": "Token verified, proceed with reset" }</pre>	
400	Invalid or expired token	No links
500	Server error	No links
POST Resets th	/api/auth/reset-password Reset user password ne user's password using the provided token and new password.	
Resets th	ne user's password using the provided token and new password.	Try it out
Resets th	e user's password using the provided token and new password.	Try it out
Resets th Paramete No param	e user's password using the provided token and new password.	
Paramete No param	ne user's password using the provided token and new password. ers neters	Try it out
Resets th Paramete No param Request Example V { "email "token	e user's password using the provided token and new password. ers body required	Try it out

Code	Description	Links
200	Password reset successful	No links
	Media type application/json Controls Accept header.	
	Example Value Schema	
	<pre>{ "message": "Password reset successful" }</pre>	
100	Invalid or expired token	No links
500	Server error	No links

Chat Al-powered chatbot endpoints





/api/dashboard/all Get full dashboard data

GET

Links
No links
No links
No links

Dashboard Dashboard view with full user data including QR code, profile, and related info

Returns comprehensive profile information for the authenticated user along with a QR code. If the user is a patient, insurance details and medical history are also included. If the user is a doctor, doctor-specific details are included. **Parameters** Try it out No parameters Responses Description Code Links 200 Full dashboard data retrieved successfully No links Media type application/json Controls Accept header. Example Value Schema "userId": "65f4c3bdf1a3d7a9e9a4d8c2", "fullName": "John Doe",

"email": "john@example.com",

"profileImage": "https://example.com/uploads/profile.png",

"role": "patient",

"qrCode": "string",
"patientDetails": {},
"insuranceDetails": {},
"medicalHistory": [

```
Code
             Description
                                                                                             Links
                "doctorDetails": {}
             User not found
404
                                                                                             No links
500
             Server Error
                                                                                             No links
           /api/dashboard/doctor/verify Upload verification documents for doctor approval
 POST
Allows doctors to upload verification documents for approval.
Parameters
                                                                                         Try it out
No parameters
Request body required
                                                                           multipart/form-data
   documents
   array<string>
Responses
Code
             Description
                                                                                             Links
                                                                                             No links
201
             File uploaded successfully
             Media type
              application/json
             Controls Accept header.
             Example Value Schema
                "message": "File uploaded successfully",
                "fileUrl": "https://s3.amazonaws.com/bucket-name/verification-docs/doc
              tor123/doc.pdf"
```

Code	Description	Links
500	Internal server error	No links

Doctors Endpoints for retrieving doctor and patient information

/api/doctors Get all doctors with availability



Retrieve a list of all doctors who have availability set

Parameters

GET

Try it out

No parameters

Responses

Code	Description			Links

200 List of doctors with availability

No links

Media type

application/json

Controls Accept header.

Example Value Schema

```
{
    "_id": "65f7d9b89b3c4f1a1f4c3b1e",
    "fullName": "Dr. John Smith",
    "email": "john@example.com",
    "specialization": "Cardiology",
    "experience": 10,
    "hospitalName": "Saint Luke's Hospital",
    "hospitalAddress": "123 Main St, St. Louis, MO",
    "availability": [
        {}
    ]
}
```

500 Failed to fetch doctors

No links

GET /api/doctors/patients Get patients of the authenticated doctor Retrieve a list of patients who have booked appointments with the logged-in doctor **Parameters** Try it out No parameters Responses Code Description Links 200 List of patient users with basic profiles No links Media type application/json Controls Accept header. Example Value Schema "_id": "string", "fullName": "string", "email": "string", "patientProfile": {} 403 Only doctors can access this route No links No links 500 Server error **GET** /api/doctors/patient/{id} Get full patient details Retrieve full details (profile, insurance, medical history, appointments) of a patient

Parameters

Try it out

d * required string (path)	User ID of the patient id				
Responses					
Code	Description	Links			
200	Patient full information	No links			
	Media type				
	application/json				
	Controls Accept header.				
	Example Value Schema				
	<pre>{ "user": {}, "profile": {}, "insurance": {}, "medicalHistory": [{}], "appointments": [{}] }</pre>				
103	Only doctors can access this route	No links			
104	Patient not found	No links			
500	Server error	No links			



Onboarding User onboarding endpoints



POST /api/onboarding/patient Patient Onboarding



Create a patient profile and update user role

Parameters

Try it out

No parameters

Request body required

application/json

Example Value Schema

```
{
  "age": 30,
  "sex": "male",
  "height": 175,
  "weight": 70,
  "healthIssues": [
    "Diabetes",
    "High blood pressure"
  ]
}
```

Responses

Code	Description	Links
201	Patient onboarding completed successfully	No links
400	User already onboarded	No links
404	User not found	No links
500	Server error	No links

POST /api/onboarding/doctor Doctor Onboarding





Create a doctor profile and update user role

Parameters

Try it out

No parameters

Request body required

application/json

Example Value Schema

```
{
    "specialization": "Cardiology",
    "experience": 5,
    "certifications": [
        "MBBS",
        "MD"
    ]
}
```

Responses

Code	Description	Links
201	Doctor onboarding completed successfully	No links
400	User already onboarded	No links
404	User not found	No links
500	Server error	No links

Profile Image Profile image upload endpoints



Parameters

No parameters

Responses

Fetch profile image URL for the logged-in user

Try it out

Responses

Code	Description		Links
200	Successfully fetched profile image Media type application/json Controls Accept header. Example Value Schema { "image": "https://s3.amazonaws.com/bucket/image.jpg"		No links
404	User not found		No links
500	Server error		No links
POST	/api/profile-image Upload profile image		<u></u>
Paramete	ers		Try it out
No param	neters		
Request	body required	multipart/fo	rm-data
	elmage g(\$binary)		
Code	Description		Links

```
      Code
      Description
      Links

      Example Value Schema
      Fample Value Schema

      { "message": "Image uploaded successfully", "imageUrl": "https://s3.amazonaws.com/bucket/image.jpg" }
      No links

      400
      No file uploaded
      No links

      404
      User not found
      No links

      500
      Server error
      No links
```

Insurance Insurance-related API endpoints



GET /api/insurance Get insurance details

Retrieve insurance details for a patient

Parameters

Try it out

No parameters

Responses

Code	Description	Links
200	Returns insurance details	No links
	Media type	

application/json

Controls Accept header.

Example Value Schema

```
{
  "providerName": "Blue Cross Blue Shield",
  "startDate": "2023-01-01",
  "endDate": "2024-01-01",
  "holderName": "John Doe"
}
```

71 1 W	Owaggor Or	
Code	Description	Links
403	Only patients can access insurance details	No links
404	User not found	No links
500	Server error	No links
POST	/api/insurance Save or update insurance details	1
Save or u	pdate a patient's insurance details	
Paramete	ers	Try it out
No param	neters	
Request body required application/jsou		application/json
{ "provi "start "endDa	derName": "Blue Cross Blue Shield", Date": "2023-01-01", te": "2024-01-01", rName": "John Doe"	
Respons	es	
	es Description	Links
Code		
Code 201	Description	Links No links No links
Respons Code 201 403	Description Insurance details saved successfully	No links

Medical History Endpoints for managing patient medical history



POST /api/medical-history Save medical history Save a new medical history record for the authenticated user **Parameters** Try it out No parameters Request body required application/json Example Value Schema "healthIssue": "Asthma", "dateOfOccurrence": "2024-12-01", "status": "Ongoing",
"treatmentGiven": "Inhaler and steroids", "notes": "Patient responds well to medication" Responses Code **Description** Links 201 Medical history saved No links Server Error 500 No links **GET** /api/medical-history Get all medical history entries Retrieve all medical history records for the authenticated user

Parameters

Try it out

No parameters Responses Code **Description** Links 200 List of medical history records No links Media type application/json Controls Accept header. Example Value Schema "healthIssue": "string", "dateOfOccurrence": "2025-05-06", "status": "string",
"treatmentGiven": "string", "notes": "string"] Server Error No links 500 **POST** /api/medical-history/upload Upload medical report Upload an attachment file for medical history (PDF, image, etc.) **Parameters** Try it out No parameters Request body required multipart/form-data medicalReport string(\$binary)

Responses

Code	Description	Links
200	File uploaded successfully Media type application/json Controls Accept header.	No links
	Example Value Schema	
	<pre>{ "message": "File uploaded successfully", "fileUrl": "https://bucket.s3.amazonaws.com/medical-history/" }</pre>	
400	No file uploaded	No links

Profile Endpoints for fetching user Profile data and doctor verification



POST /api/profile/patient Update patient profile

Save or update the authenticated patient's profile information.

Parameters

No parameters

Request body required

application/json

Example Value Schema

```
"age": 28,
   "sex": "Male",
   "height": 180,
   "weight": 75,
   "healthIssues": "None"
}
```

Responses

Code	Description	Links
200	Patient profile updated	No links
500	Internal Server Error	No links

POST /api/profile/doctor/update Update doctor profile





Update the authenticated doctor's profile information.

Parameters

Try it out

No parameters

Request body required

application/json

Example Value Schema

```
{
  "fullName": "Dr. Jane Doe",
  "specialization": "Dermatology",
  "experience": 7,
  "certifications": [
    "MBBS",
    "MD Dermatology"
]
```

Responses

Code	Description	Links
200	Doctor profile updated successfully	No links
404	Doctor not found	No links

Code Description Links 500 Server Error No links **POST** /api/profile/doctor/availability Save doctor availability Save availability slots for the authenticated doctor. **Parameters** Try it out No parameters Request body required application/json Example Value Schema "slots": ["date": "2025-04-08", "startTime": "09:00", "endTime": "12:00", "slotDuration": 30 Responses Code **Description** Links

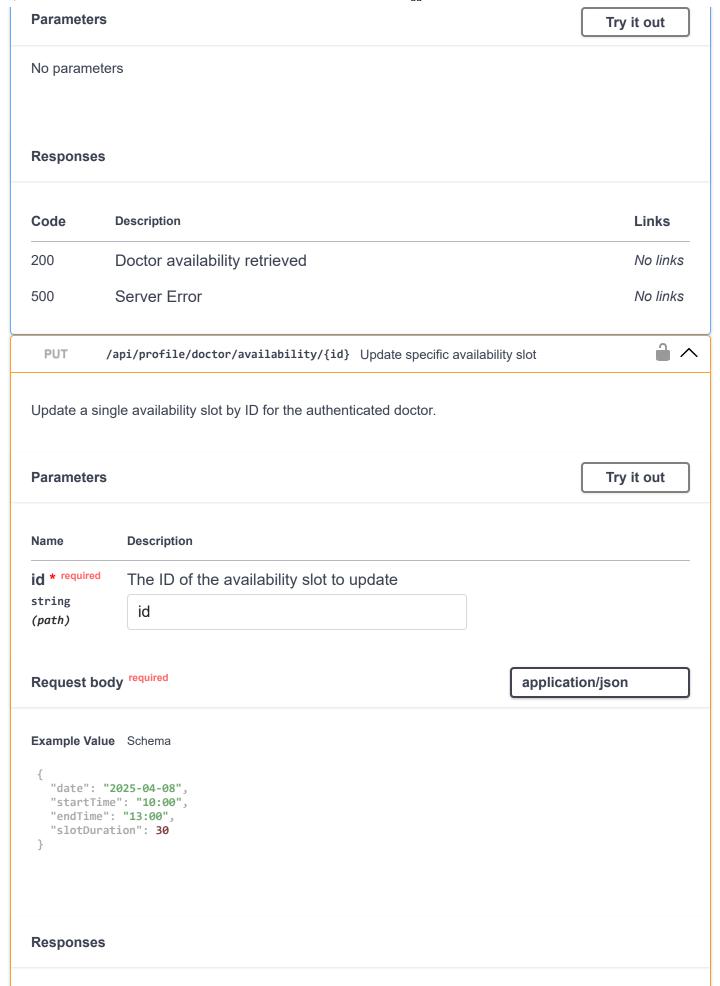
200	Availability saved successfully	No links
500	Server Error	No links

GET /api/profile/doctor/availability Get doctor availability





Retrieve availability slots for the authenticated doctor.



Code	Description	Links
200	Slot updated successfully	No links
404	Slot or doctor not found	No links
500	Server Error	No links

GET /api/profile/signed-url Get signed S3 URL for file upload





Generate a signed S3 URL for secure file uploads.

Description

Parameters

Name

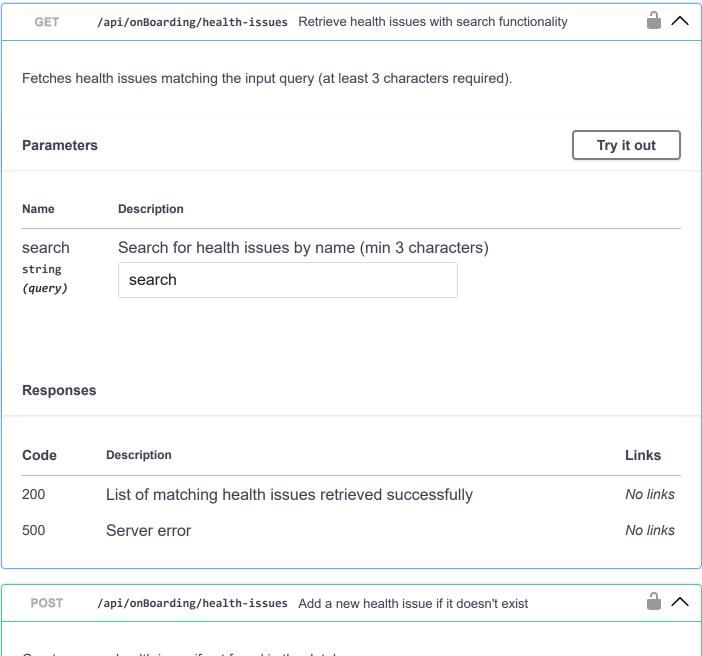
Try it out

	•	
key * required	The key (filename) for which to generate the sig	ned URL
string (query)	key	

Responses

Code	Description	Links
200	Signed URL generated	No links
	Media type application/json Controls Accept header.	
	Example Value Schema	
	<pre>{ "url": "https://bucket.s3.amazonaws.com/key?signature=abc" }</pre>	
500	Server Error	No links

Health Issues





```
Responses

Code Description Links

201 Health issue added successfully No links
400 Health issue already exists No links
500 Server error No links
```



GET



Retrieve the profile details of the authenticated user

/api/profile Get profile data

Parameters

Try it out

No parameters

Responses

Code	Description	Links
200	User profile data retrieved successfully	No links
	Media type application/json Controls Accept header.	
	Example Value Schema	
	{ "userId": "65f4c3bdf1a3d7a9e9a4d8c2",	

Schemas

Code	Description	Links
	<pre>"fullName": "John Doe", "email": "johndoe@example.com", "role": "doctor", "isOnboarded": true, "specialization": "Cardiology", "verificationStatus": "pending" }</pre>	
401	Unauthorized - Invalid or missing token.	No links
404	User not found	No links
500	Server error	No links

```
FileUploadResponse

message

string
example: File uploaded successfully

fileUrl

string
example: https://s3.amazonaws.com/bucket-name/verification-
docs/doctor123/doc.pdf

}
```

```
User
   userId
                               string
                           example: 65f4c3bdf1a3d7a9e9a4d8c2
   fullName
                               string
                           example: John Doe
   email
                               string
                           example: johndoe@example.com
   provider
                               string
                           example: local
                           Enum:
                               [ local, google.com, apple.com ]
   role
                               string
                           example: doctor
                           Enum:
                               [ patient, doctor ]
   isOnboarded
                               boolean
                           example: true
   image
                               string
                           example: https://s3.amazonaws.com/bucket-name/profile.jpg
   createdAt
                               string($date-time)
                           example: 2024-03-08T12:34:56.789Z
   updatedAt
                               string($date-time)
                           example: 2024-03-08T12:35:56.789Z
}
Patient
   userId
                               string
                           example: 65f4c3bdf1a3d7a9e9a4d8c2
   age
                               integer
                           example: 30
   sex
                               string
                           example: male
                           Enum:
                               Array [ 2 ]
   height
                               number
                           example: 175
   weight
                               number
                           example: 70
   healthIssues
                               string
                           example: Diabetes, High blood pressure
   createdAt
                               string($date-time)
                           example: 2024-03-08T12:34:56.789Z
   updatedAt
                               string($date-time)
                           example: 2024-03-08T12:35:56.789Z
}
```

```
Doctor
   userId
                               string
                           example: 65f4c3bdf1a3d7a9e9a4d8c2
   specialization
                               string
                           example: Cardiology
   experience
                               integer
                           example: 5
   certifications
                               string
                           example: MBBS, MD
   verificationStatus
                               string
                           example: pending
                           Enum:
                               Array [ 3 ]
   verificationDocs
                           example: List [ "https://s3.amazonaws.com/bucket-name/doc1.pdf" ]
                               [...]]
   createdAt
                               string($date-time)
                           example: 2024-03-08T12:34:56.789Z
   updatedAt
                               string($date-time)
                           example: 2024-03-08T12:35:56.789Z
}
Insurance
               {
   userId
                               string
                           example: 65f4c3bdf1a3d7a9e9a4d8c2
   providerName
                               string
                           example: Blue Cross Blue Shield
   startDate
                               string($date)
                           example: 2023-01-01
   endDate
                               string($date)
                           example: 2024-01-01
   holderName
                               string
                           example: John Doe
}
```