**API Documentation - Pentacode**

**Say Hello1**

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| --- | --- |
| End Point | http://localhost:8010/api/v1/test/sayHello |
| Method | GET |
| Description | Main testing Endpoint 1 |
| Headers | - |
| Request Body | - |
| Response | “Hello unsecured pentacode” |
| Error Codes | - |

**Say Hello2**

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| End Point | http://localhost:8010/api/v1/test/sayHello2 |
| Method | GET |
| Description | Main testing Endpoint 2 |
| Headers | JWT token received. [ Ex: 'Authorization: Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJzYW51Z2FrdXJ1cHB1LmluZm9AZ21haWwuY29tIiwiaWF0IjoxNzE5MDkxNzk4LCJleHAiOjE3MTkwOTMyMzh9.HDGRHPjOnOdiwhh-a5woN8hvSdZkbpqYrW0Vfz2EM1o' ] |
| Request Body | - |
| Response | “Hello secured pentacode” |
| Error Codes | - |

**Register User – OTP Request**

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| --- | --- |
| End Point | http://localhost:8010/api/v1/register/otp-request |
| Method | POST |
| Description | To register Docters and Patients |
| Headers | - |
| Request Body | {  "firstname": "Pabodha",  "lastname": "Mallawa",  "email": "sample.@gmail.com",  "password": "fjalskja",  "mobileNumber": "01234567",  "dateOfBirth": "20274-06-02",  "gender": "MALE",  "role": "PATIENT"  } |
| Success Response | {  "statusCode": "S1000",  "statusDetails": "OTP send successfully"  } |
| Error Codes | E4562 : system error  E1232 : request error  E1356 : user already exists error |

**Register User – OTP Verification**

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| --- | --- |
| End Point | http://localhost:8010/api/v1/register/otp-verify |
| Method | POST |
| Description | To verify otp sent. |
| Headers | - |
| Request Body | {  "email": "sample@gmail.com",  "otp": "4975"  } |
| Success Response | {  "statusCode": "S1000",  "statusDetails": "registration success"  } |
| Error Codes | E4562 : system error  E1232 : request error  E6758 : otp expired  E7685 : invalid otp  E9765 : not otp request user |

**Authenticate User**

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| --- | --- |
| End Point | http://localhost:8010/api/v1/auth/authenticate |
| Method | POST |
| Description | Login into the system. |
| Headers | - |
| Request Body | {  "email":"sample@gmail.com",  "password": "46sfdaf.."  } |
| Success Response | {  "statusCode": "S1000",  "statusDetails": "authenticated",  "token": "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJzYW51Z2FrdXJ1cHB1LmluZm9AZ21haWwuY29tIiwiaWF0IjoxNzE5MDkyNTA5LCJleHAiOjE3MTkwOTM5NDl9.F6guwOriA8lihDHmZxjoRYy6rssCeQ4uHsPOkD-3uCY",  "loggedUser": {  "firstname": "Pabodha",  "lastname": "Mallawa",  "email": "sample@gmail.com",  "role": "PATIENT"  }  } |
| Error Codes | - |

**Image Upload**

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| --- | --- |
| End Point | http://localhost:8010/api/v1/image/upload |
| Method | POST |
| Description | Upload Image. |
| Headers | JWT token received. [ Ex: 'Authorization: Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJzYW51Z2FrdXJ1cHB1LmluZm9AZ21haWwuY29tIiwiaWF0IjoxNzE5MDkxNzk4LCJleHAiOjE3MTkwOTMyMzh9.HDGRHPjOnOdiwhh-a5woN8hvSdZkbpqYrW0Vfz2EM1o' ] |
| Request Body | {  "image": form data file,  "description": "wound foot"  } |
| Success Response | {  "statusCode": "S1000",  "statusDetails": "image uploaded"  } |
| Error Codes | E4562 : system error  E1232 : request error |

**Image View – Patient**

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| --- | --- |
| End Point | http://localhost:8010/api/v1/image/upload?pageNumber=0&pageSize=4 |
| Request Parameters | Ex:  pageNumber=0  pageSize=5 |
| Method | GET |
| Description | View uploaded images for each patient. |
| Headers | JWT token received. [ Ex: 'Authorization: Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJzYW51Z2FrdXJ1cHB1LmluZm9AZ21haWwuY29tIiwiaWF0IjoxNzE5MDkxNzk4LCJleHAiOjE3MTkwOTMyMzh9.HDGRHPjOnOdiwhh-a5woN8hvSdZkbpqYrW0Vfz2EM1o' ] |
| Request Body | - |
| Success Response | {  "statusCode": "S1000",  "statusDetails": "download successful",  "imageList": {  "content": [  {  "image": "iVBORw0KGgoAAAANSUhEUgAAB4AAAAQ4CAYAAADo08FDAAAABHNCSVQICAgIfAhkiAAAABl0RVh0U29mdHdERERESkgfjJ3S3Yf5iosAAAAASUVORK5CYII=",  "createdAt": "2024-06-23T08:36:38.151217"  }  ],  "pageable": {  "pageNumber": 0,  "pageSize": 4,  "sort": {  "sorted": false,  "empty": true,  "unsorted": true  },  "offset": 0,  "paged": true,  "unpaged": false  },  "totalPages": 1,  "totalElements": 2,  "last": true,  "size": 4,  "number": 0,  "sort": {  "sorted": false,  "empty": true,  "unsorted": true  },  "numberOfElements": 2,  "first": true,  "empty": false  }  } |
| Error Codes | E4562 : system error  E1232 : request error  E7192 : don’t have permissions to view |

**Create Free Time Slot By the Doctor**

|  |  |
| --- | --- |
| End Point | http://localhost:8010/api/v1/freeslot/create |
| Request Parameters | - |
| Method | POST |
| Description | Add available time slots by the doctors |
| Headers | JWT token received. [ Ex: 'Authorization: Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJzYW51Z2FrdXJ1cHB1LmluZm9AZ21haWwuY29tIiwiaWF0IjoxNzE5MDkxNzk4LCJleHAiOjE3MTkwOTMyMzh9.HDGRHPjOnOdiwhh-a5woN8hvSdZkbpqYrW0Vfz2EM1o' ] |
| Request Body | {  "startTime": "2024-06-23T10:00:00",  "endTime" : "2024-06-23T12:00:00"  }  Should pass time in LocalDateTime in String format (Above example) |
| Success Response | {  "statusCode": "S1000",  "statusDetails": "slot created",  "freeSlot": {  "id": 4,  "start": "2024-06-23T10:00:00",  "end": "2024-06-23T12:00:00",  "createdAt": "2024-06-24T11:20:36.220801267",  "doctorFirstname": "Vishva",  "doctorLastname": "Perera",  "doctorEmail": "sanugalakdinu11@gmail.com"  }  } |
| Error Codes | E4562 : system error  E1232 : request error  E7192 : dont have permissions to create free slots |

**View Free slots – Patients**

|  |  |
| --- | --- |
| End Point | http://localhost:8010/api/v1/freeslot/view?pageNumber=-1&pageSize=1 |
| Request Parameters | Ex:  pageNumber=0  pageSize=5  [If pageNumber=-1] this will give all the freeslots (no limitations) |
| Method | GET |
| Description | Get free time slots created by doctors |
| Headers | JWT token received. [ Ex: 'Authorization: Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJzYW51Z2FrdXJ1cHB1LmluZm9AZ21haWwuY29tIiwiaWF0IjoxNzE5MDkxNzk4LCJleHAiOjE3MTkwOTMyMzh9.HDGRHPjOnOdiwhh-a5woN8hvSdZkbpqYrW0Vfz2EM1o' ] |
| Request Body | - |
| Success Response | {  "statusCode": "S1000",  "statusDetails": "download successful",  "freeSlotList": {  "content": [  {  "id": 1,  "start": "2024-06-26T10:00:00",  "end": "2024-06-26T12:00:00",  "createdAt": "2024-06-24T08:15:00.211172",  "doctorFirstname": "Vishva",  "doctorLastname": "Perera",  "doctorEmail": "sanugalakdinu11@gmail.com"  },  {  "id": 2,  "start": "2024-06-27T10:00:00",  "end": "2024-06-27T12:00:00",  "createdAt": "2024-06-24T08:16:43.043956",  "doctorFirstname": "Vishva",  "doctorLastname": "Perera",  "doctorEmail": "sanugalakdinu11@gmail.com"  }  ],  "pageable": {  "pageNumber": 0,  "pageSize": 4,  "sort": {  "sorted": false,  "empty": true,  "unsorted": true  },  "offset": 0,  "paged": true,  "unpaged": false  },  "totalPages": 1,  "totalElements": 2,  "last": true,  "size": 4,  "number": 0,  "sort": {  "sorted": false,  "empty": true,  "unsorted": true  },  "numberOfElements": 2,  "first": true,  "empty": false  }  } |
| Error Codes | E4562 : system error  E1232 : request error  E7192 : dont have permissions to view free slots |

**View Free slots – Doctors (Created by themselves)**

|  |  |
| --- | --- |
| End Point | http://localhost:8010/api/v1/freeslot/viewByDoctor?pageNumber=-1&pageSize=1 |
| Request Parameters | Ex:  pageNumber=0  pageSize=5  [If pageNumber=-1] this will give all the freeslots created by them(no limitations) |
| Method | GET |
| Description | Get free time slots created by doctors (by themself) |
| Headers | JWT token received. [ Ex: 'Authorization: Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJzYW51Z2FrdXJ1cHB1LmluZm9AZ21haWwuY29tIiwiaWF0IjoxNzE5MDkxNzk4LCJleHAiOjE3MTkwOTMyMzh9.HDGRHPjOnOdiwhh-a5woN8hvSdZkbpqYrW0Vfz2EM1o' ] |
| Request Body | - |
| Success Response | {  "statusCode": "S1000",  "statusDetails": "download successful",  "freeSlotList": {  "content": [  {  "id": 1,  "start": "2024-06-26T10:00:00",  "end": "2024-06-26T12:00:00",  "createdAt": "2024-06-24T08:15:00.211172",  "doctorFirstname": "Vishva",  "doctorLastname": "Perera",  "doctorEmail": "sanugalakdinu11@gmail.com"  },  {  "id": 2,  "start": "2024-06-27T10:00:00",  "end": "2024-06-27T12:00:00",  "createdAt": "2024-06-24T08:16:43.043956",  "doctorFirstname": "Vishva",  "doctorLastname": "Perera",  "doctorEmail": "sanugalakdinu11@gmail.com"  }  ],  "pageable": {  "pageNumber": 0,  "pageSize": 4,  "sort": {  "sorted": false,  "empty": true,  "unsorted": true  },  "offset": 0,  "paged": true,  "unpaged": false  },  "totalPages": 1,  "totalElements": 2,  "last": true,  "size": 4,  "number": 0,  "sort": {  "sorted": false,  "empty": true,  "unsorted": true  },  "numberOfElements": 2,  "first": true,  "empty": false  }  } |
| Error Codes | E4562 : system error  E1232 : request error  E7192 : dont have permissions to view created slots |

**Create appointments – Patients**

|  |  |
| --- | --- |
| End Point | http://localhost:8010/api/v1/appointment/create?slotId=4 |
| Request Parameters | Ex:  slotId=4 |
| Method | POST |
| Description | Create appointments for freeslots |
| Headers | JWT token received. [ Ex: 'Authorization: Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJzYW51Z2FrdXJ1cHB1LmluZm9AZ21haWwuY29tIiwiaWF0IjoxNzE5MDkxNzk4LCJleHAiOjE3MTkwOTMyMzh9.HDGRHPjOnOdiwhh-a5woN8hvSdZkbpqYrW0Vfz2EM1o' ] |
| Request Body | - |
| Success Response | {  "statusCode": "S1000",  "statusDetails": "appointment created",  "appointmentMasked": {  "id": 2,  "createdAt": "2024-06-24T11:39:04.303801346",  "patientId": 6,  "patientFirstName": "Pabodha",  "patientLastName": "Mallawa",  "freeSlotMasked": {  "id": 4,  "start": "2024-06-23T10:00:00",  "end": "2024-06-23T12:00:00",  "createdAt": "2024-06-24T11:20:36.220801",  "doctorFirstname": "Vishva",  "doctorLastname": "Perera",  "doctorEmail": "sanugalakdinu11@gmail.com"  }  }  } |
| Error Codes | E4562 : system error  E1232 : request error  E7192 : dont have permissions to create appointments  E5794 : appointment already exists  E9756 : no free slot with id |

**View my appointments – Patients**

|  |  |
| --- | --- |
| End Point | http://localhost:8010/api/v1/appointment/view?pageNumber=-1&pageSize=1 |
| Request Parameters | Ex:  pageNumber=0  pageSize=5  [If pageNumber=-1] this will give all the appointments created by the patient (no limitations) |
| Method | GET |
| Description | Get create appointments for each patient |
| Headers | JWT token received. [ Ex: 'Authorization: Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJzYW51Z2FrdXJ1cHB1LmluZm9AZ21haWwuY29tIiwiaWF0IjoxNzE5MDkxNzk4LCJleHAiOjE3MTkwOTMyMzh9.HDGRHPjOnOdiwhh-a5woN8hvSdZkbpqYrW0Vfz2EM1o' ] |
| Request Body | - |
| Success Response | {  "statusCode": "S1000",  "statusDetails": "download successful",  "appointmentMaskeds": {  "content": [  {  "id": 2,  "createdAt": "2024-06-24T11:39:04.303801",  "patientId": 6,  "patientFirstName": "Pabodha",  "patientLastName": "Mallawa",  "freeSlotMasked": {  "id": 4,  "start": "2024-06-23T10:00:00",  "end": "2024-06-23T12:00:00",  "createdAt": "2024-06-24T11:20:36.220801",  "doctorFirstname": "Vishva",  "doctorLastname": "Perera",  "doctorEmail": "sanugalakdinu11@gmail.com"  }  },  {  "id": 1,  "createdAt": "2024-06-24T09:50:16.278641",  "patientId": 6,  "patientFirstName": "Pabodha",  "patientLastName": "Mallawa",  "freeSlotMasked": {  "id": 2,  "start": "2024-06-27T10:00:00",  "end": "2024-06-27T12:00:00",  "createdAt": "2024-06-24T08:16:43.043956",  "doctorFirstname": "Vishva",  "doctorLastname": "Perera",  "doctorEmail": "sanugalakdinu11@gmail.com"  }  }  ],  "pageable": {  "pageNumber": 0,  "pageSize": 2,  "sort": {  "sorted": false,  "empty": true,  "unsorted": true  },  "offset": 0,  "paged": true,  "unpaged": false  },  "totalPages": 1,  "totalElements": 2,  "last": true,  "size": 2,  "number": 0,  "sort": {  "sorted": false,  "empty": true,  "unsorted": true  },  "numberOfElements": 2,  "first": true,  "empty": false  }  } |
| Error Codes | E4562 : system error  E1232 : request error  E7192 : dont have permissions to view appointments |

**View appointments – Doctors (For created freeslots)**

|  |  |
| --- | --- |
| End Point | http://localhost:8010/api/v1/appointment/viewByDoctor?pageNumber=-1&pageSize=1&slotId=2 |
| Request Parameters | Ex:  pageNumber=0  pageSize=5  [If slotId=-1] this will give all the appointments (all slots for that doctor)  [If pageNumber=-1] this will give all the appointments (no limitations) |
| Method | GET |
| Description | Get appointments for all slots or for specific slot |
| Headers | JWT token received. [ Ex: 'Authorization: Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJzYW51Z2FrdXJ1cHB1LmluZm9AZ21haWwuY29tIiwiaWF0IjoxNzE5MDkxNzk4LCJleHAiOjE3MTkwOTMyMzh9.HDGRHPjOnOdiwhh-a5woN8hvSdZkbpqYrW0Vfz2EM1o' ] |
| Request Body | - |
| Success Response | {  "statusCode": "S1000",  "statusDetails": "download successful",  "appointmentMaskeds": {  "content": [  {  "id": 1,  "createdAt": "2024-06-24T09:50:16.278641",  "patientId": 6,  "patientFirstName": "Pabodha",  "patientLastName": "Mallawa",  "freeSlotMasked": {  "id": 2,  "start": "2024-06-27T10:00:00",  "end": "2024-06-27T12:00:00",  "createdAt": "2024-06-24T08:16:43.043956",  "doctorFirstname": "Vishva",  "doctorLastname": "Perera",  "doctorEmail": "sanugalakdinu11@gmail.com"  }  }  ],  "pageable": {  "pageNumber": 0,  "pageSize": 2,  "sort": {  "sorted": false,  "empty": true,  "unsorted": true  },  "offset": 0,  "paged": true,  "unpaged": false  },  "totalPages": 1,  "totalElements": 1,  "last": true,  "size": 2,  "number": 0,  "sort": {  "sorted": false,  "empty": true,  "unsorted": true  },  "numberOfElements": 1,  "first": true,  "empty": false  }  } |
| Error Codes | E4562 : system error  E1232 : request error  E7192 : dont have permissions to view appointments |