PrescriberREST Usage Document

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Version 1.0

December 27, 2017

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* **Prescriber-register Prescriber**
* ***Request Details***

EndPoint URL: [http://<server.port>/prescriber](http://%3Cserver.port%3E/prescriber)

HTTP Method: POST

Content-Type: application/JSON

* ***Sample Request Body***

{

"firstName": "Robin",

"lastName": "Shrestha”,

“phoneNumber”: 111-22-333,

“faxNumber”: 343-434-5678,

“emailID”: “robin.shrestha@gmail.com”

“deaNumber”: AZ1234567,

“active”: “yes”,

“specialization”: “orthopedics”,

“createdDate”: 12-11-2017,

“modifiedDate”: 12-23-2017,

“dob”: 11-28-1980,

“gender”: “male”,

“description”: “this is a description”

}

* ***Sample Response Body***

Response Code: 200 OK

{

"firstName": "Robin",

"lastName": "Shrestha”,

“phoneNumber”: 111-22-333,

“faxNumber”: 343-434-5678,

“emailID”: “robin.shrestha@gmail.com”

“deaNumber”: AZ1234567,

“active”: “yes”,

“specialization”: “orthopedics”,

“createdDate”: 12-11-2017,

“modifiedDate”: 12-23-2017,

“dob”: 11-28-1980,

“gender”: “male”,

“description”: “this is a description”

}

* **Prescriber-search Prescriber**
* ***Request Details***

EndPoint URL: [http://<server.port>/prescriber/search](http://%3Cserver.port%3E/prescriber/search)

HTTP Method: POST

Content-Type: application/JSON

* ***Sample Request Body***

{

"firstName": "Robin",

"lastName": "Shrestha”,

“deaNumber”: AS1234567,

}

* ***Sample Response Body***

Response Code: 200 OK

{

"id": 1

"firstName": "Robin",

"lastName": "Shrestha”,

“phoneNumber”: 123-432-1234,

“faxNumber”: 234-543-5678,

“emailID”: “robin.shrestha@gmail.com”

“deaNumber”: AS1234567,

“active”: “yes”,

“specialization”: “orthopedics”,

“createdDate”: 12-11-2017,

“modifiedDate”: 12-23-2017,

“dob”: 11-28-1990,

“gender”: “male”,

“description”: “this is a description”

}

* **Prescriber-modify Prescriber**
* ***Request Details***

EndPoint URL: [http://<server.port>/prescriber](http://%3Cserver.port%3E/prescriber)

HTTP Method: PUT

Content-Type: application/JSON

* ***Sample Request Body***

{

"id": 1,

"firstName": "Tenzin",

"lastName": "Sapkota”,

“phoneNumber”: 123-432-1234,

“faxNumber”: 234-543-5678,

“emailID”: “tenzin@gmail.com”

“deaNumber”: AZ1234567,

“active”: “yes”,

“specialization”: “orthopedics”,

“createdDate”: 12-11-2017,

“modifiedDate”: 12-23-2017,

“dob”: 11-28-1990,

“gender”: “male”,

“description”: “this is a description”

}

* ***Sample Response Body***

Response Code: 200 OK

{

"id": 1,

"firstName": "Salman",

"lastName": "Khan”,

“phoneNumber”: 123-432-1234,

“faxNumber”: 234-543-5678,

“emailID”: “salman@gmail.com”

“deaNumber”: AZ1234567,

“active”: “yes”,

“specialization”: “orthopedics”,

“createdDate”: 12-11-2017,

“modifiedDate”: 12-23-2017,

“dob”: 11-28-1990,

“gender”: “male”,

“description”: “this is a description”

}

* **Prescriber-remove Prescriber**
* ***Request Details***

EndPoint URL: [http://<server.port>/prescriber/id](http://%3Cserver.port%3E/prescriber/id)

HTTP Method: DELETE

Content-Type: application/JSON

* ***Sample Request Body***

{

}

* ***Sample Response Body***

Response Code: 204 No content

{

}

* **Server Error Code**

|  |  |  |
| --- | --- | --- |
| ***Error code*** | ***Specification*** | ***Detail*** |
| 100 | continue | Proceed to send the request body |
| 101 | Switching protocols | Ask the sever to switch protocols |
| 102 | processing | Require long time to complete the request |
| 200 | OK | Successful HTTP request |
| 201 | created | Creating a new resource |
| 202 | accepted | Request accepted for processing |
| 203 | Non-authoritative info | Modified version of origin’s response |
| 204 | No content | Returning empty content |
| 300 | Multiple choices | Many options to choose resource |
| 301 | Moved permanently | All request directed to the given URI |
| 400 | Bad request | Cannot process the request due to client error |
| 401 | Unauthorized | Forbidden when authentication is required |
| 403 | Forbidden | User does not have permission to use resources |
| 404 | Not found | Resources could not be found |
| 408 | Request time-out | Server timed out waiting for the request |
| 500 | Internal server error | Generic error message when unexpected condition was encountered |
| 501 | Not implemented | Server does not recognize the request method |
| 502 | Bad gateway | Receive invalid response from upstream server |
| 503 | Service unavailable | Down for maintenance |
| 504 | Gateway timeout | Did not receive timely response from upstream server |
| 510 | Not extended | Further extension to the request is required |

* **Validations**

|  |  |  |
| --- | --- | --- |
| Serial No. | Prescriber Fields | Business Rule for Validation |
| 1 | First Name | Minimum length 2  Maximum Length: 20  Required: Yes |
| 2 | Last Name | Minimum length 2  Maximum Length: 20  Required: Yes |
| 3 | Phone Number | Length: 11  Required: Yes |
| 4 | Fax Number | Length: 11  Required: Not |
| 5 | Email ID | Length: 20  Required: Not |
| 6 | DEA Number | Length: 9  Required: Yes |
| 7 | Active | Length: 3  Required: Not |
| 8 | Specialization | Length: 20  Required: Yes |
| 9 | Created Date | Required: Yes |
| 10 | Modified Date | Required: Not |
| 11 | DOB | Required: Not |
| 12 | Gender | Length: 1  Required: Not |
| 13 | Description | Required: Not |

* **References**