1. **Doctor API**
2. **Get**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/doctor | | |
| Type | Params | Values | Description |
| HEADER | **Accept-Language** | string | Language which messages responded from server will be formatted.   * Default : en-US |
| HEADER | **Email** | string | Email of admin.   * **Max length: 64.** * **Regex :** ^\w+([-+.']\w+)[\*@\w+([-.]\w+)\*\.\w+([-.]\w+)\*$](mailto:*@\w+(%5b-.%5d\w+)*\.\w+(%5b-.%5d\w+)*$) * **Required** |
| HEADER | **Password** | string | Password of email.   * **Required.** * **Min length : 8** * **Max length : 16** * **Only alphanumeric is supported.** |
| URL | **Id** | int | Id of doctor   * **Required** |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "Doctor": {  "Id": 0,  "FirstName": "",  "LastName": "",  "Email": "",  "Password": "",  "Birthday": 0,  "Gender": 0,  "Address": "",  "Phone": "",  "Role": 0,  "Photo": "",  "Rank": 0,  "Specialty": {  "Id": 0,  "Name": ""  },  "Place": {  "Id": 0,  "City": "",  "Country": ""  },  "Profile": "",  "Voters": 0,  "Status": 0,  "Created": 0,  "LastModified": 0  }  } |
| **401**  No email or password contained in request header. Front-end should redirect user to login page. | {  "Error": "W012"  } |
| **401**  Account has been disabled. | {  "Error": "W002"  } |
| **401**  Account is pending. | {  "Error": "W001"  } |
| **403**  Account is not allowed to access the function. | {  "Error": "W013"  } |
| **404**  W006 shows that account is not found. Perhaps, it is deactivated or pending**.** | {  "Error": "W006"  } |

1. **Filter**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/doctor/filter | | |
| Type | Params | Values | Description |
| HEADER | **Accept-Language** | string | Language which messages responded from server will be formatted.   * Default : en-US |
| HEADER | **Email** | string | Email of admin.   * **Max length: 64.** * **Regex :** ^\w+([-+.']\w+)[\*@\w+([-.]\w+)\*\.\w+([-.]\w+)\*$](mailto:*@\w+(%5b-.%5d\w+)*\.\w+(%5b-.%5d\w+)*$) * **Required** |
| HEADER | **Password** | string | Password of email.   * **Required.** * **Min length : 8** * **Max length : 16** * **Only alphanumeric is supported.** |
| BODY | **Email** | string | Email of doctor   * **Max length: 64.** * **Regex :** ^\w+([-+.']\w+)[\*@\w+([-.]\w+)\*\.\w+([-.]\w+)\*$](mailto:*@\w+(%5b-.%5d\w+)*\.\w+(%5b-.%5d\w+)*$) * **Optional.** |
| BODY | **Phone** | string | Phone of doctor.   * **Max length: 15** * **Only numeric** * **Optional.** |
| BODY | **MinLastModified** | double | Time after which doctor account was lastly modified.   * **Year > 1916** * **<= MaxLastModified.** * **Optional.** |
| BODY | **MaxLastModified** | double | * **Year > 1916** * **>= MinLastModified.** * **Optional.** |
| BODY | **Name** | string | Name of doctor   * **Max length: 64.** * **Optional.** |
| BODY | **MinBirthday** | double | Time after which doctor was born.   * **Year > 1916** * **<= MaxBirthday** * **Optional.** |
| BODY | **MaxBirthday** | double | Time before which doctor had been born.   * **Year > 1916** * **>= MinBirthday** * **Optional.** |
| BODY | **Gender** | int | Gender of doctor   * **0 : Male** * **1 : Female** * **Null : all (Default)** |
| BODY | **MinCreated** | double | Time after which doctor was created.   * **Year > 1916** * **<= MaxCreated** * **Optional** |
| BODY | **MaxCreated** | double | Time before which doctor had been created.   * **Year > 1916** * **>= MinCreated** * **Optional** |
| BODY | **Direction** | int | Whether records should be sorted ascendingly or decendingly.   * **0: Ascendingly (default)** * **1: Decendingly** |
| BODY | **Sort** | int | Which property should be used for sorting.   * **0: First name (default)** * **1: Last name** * **2: Created** * **3: LastModified** * **4: Birthday** * **5: Gender** * **6: Status** |
| BODY | **Statuses** | List<byte> | Statuses of doctor. Can include the following :   * **0 : Disabled** * **1 : Pending** * **2 : Active** * **Optional** |
| BODY | **City** | int | Id of city where doctor lives.   * **Optional** |
| BODY | **Specialty** | int | Id of specialty   * **Optional** |
| BODY | **MinRank** | double | Value which doctor’s rank must be greater than.   * **0 <= MinRank <= 5** * **<= MaxRank** * **Optional** |
| BODY | **MaxRank** | double | Value which doctor’s rank must be higher than   * **0 <= MaxRank <= 5** * **>= MinRank** * **Optional** |
| BODY | **Direction** | int | Whether records should be sorted ascendingly or decendingly.   * **0: Ascendingly (default)** * **1: Decendingly** |
| BODY | **Sort** | int | Which property should be used for sorting.   * **0: First name (default)** * **1: Last name** * **2: Created** * **3: Last modified** * **4: Birthday** * **5: Gender** * **6: Status** * **7: Rank** |
| BODY | **Page** | int | Index of result page.   * **Min : 0 (default)** |
| BODY | **Records** | int | Numer of records per page   * **Min : 1** * **Max : 20 (default)** |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "Doctors": [  {  "Id": 0,  "FirstName": "",  "LastName": "",  "Email": "",  "Password": "",  "Birthday": 0,  "Gender": 0,  "Address": "",  "Phone": "",  "Role": 0,  "Photo": "",  "Rank": 0,  "Specialty": {  "Id": 0,  "Name": ""  },  "Place": {  "Id": 0,  "City": "",  "Country": ""  },  "Profile": "",  "Voters": 0,  "Status": 0,  "Created": 0,  "LastModified": 0  }  ],  "Total": 0  } |
| **400**  Request parameters are invalid | {  "Errors": [ "", "", "" ]  } |
| **401**  No email or password contained in request header. Front-end should redirect user to login page. | {  "Error": "W012"  } |
| **401**  Account has been disabled. | {  "Error": "W002"  } |
| **401**  Account is pending. | {  "Error": "W001"  } |
| **403**  Account is not allowed to access the function. | {  "Error": "W013"  } |
| **404**  W006 shows that account is not found. Perhaps, it is deactivated or pending**.** | {  "Error": "W006"  } |