1. **Doctor API**
2. **Filter**
   * Request

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| --- | --- | --- | --- |
| **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 which is used for accessing server api. |
| HEADER | **Password** | string | Password of email. |
| BODY | **Name** | string | Full name of doctor.   * **Optional** * **Max length: 64** |
| BODY | **Gender** | int | Gender of doctor.   * **Optional** * **0** : Male * **1** : Female |
| BODY | **Phone** | string | Phone of doctor.   * **Optional** * **Max length** : 15 |
| BODY | **MinRank** | int | Rank value which doctor’s must be higher or equal.   * **Optional** |
| BODY | **MaxRank** | int | Rank value which doctor’s must be lower or equal.   * **Optional** |
| BODY | **Specialty** | int | Id of specialty   * **Optional** * **Min : 1** |
| BODY | **City** | int | Id of city   * **Optional** * **Min** : 1 |
| BODY | **Page** | int | Index of result page.   * **Optional** * **Min** : 0 (default) |
| BODY | **Records** | int | Number of records displayed on a page.   * **Optional** * **Min** : 1 (default) * **Max** : 20 |

* + Response

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| Status | Content |
| **200** | {  "Doctors": [  {  "Id": 27,  "FirstName": "FirstName[26]",  "LastName": "LastName[26]",  "Birthday": 0,  "Email": "doctor26@gmail.com",  "Gender": 0,  "Address": "New York, NY, USA",  "Photo": "",  "Phone": "",  "Rank": 0,  "Specialty": {  "Id": 1,  "Name": "specialty[0]"  },  "City": {  "Id": 1,  "Name": "City[0]",  "Country": {  "Id": 1,  "Name": "United State of America"  }  }  }  ],  "Total": 50  } |
| **400**  Request parameters sent to server 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"  } |

1. **Filter**
   * Request

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| **Method** | **Url** | | |
| **GET** | 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 which is used for accessing server api. |
| HEADER | **Password** | string | Password of email. |
| HEADER | **Id** | int | Id of doctor |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "Doctor": {  "Id": 27,  "FirstName": "FirstName[26]",  "LastName": "LastName[26]",  "Birthday": 0,  "Email": "doctor26@gmail.com",  "Gender": 0,  "Address": "New York, NY, USA",  "Photo": "",  "Phone": "",  "Rank": 0,  "Specialty": {  "Id": 1,  "Name": "specialty[0]"  },  "City": {  "Id": 1,  "Name": "City[0]",  "Country": {  "Id": 1,  "Name": "United State of America"  }  }  }  } |
| **400**  Request parameters sent to server 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**  Doctor is not found. | {  "Error": "W006"  } |

1. **Patient edit profile**
   * Request

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| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **PUT** | 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 which is used for accessing server api. |
| HEADER | **Password** | string | Password of email. |
| BODY | **FirstName** | string | First name of patient   * **Max length: 32** * **Optional** |
| BODY | **LastName** | string | Last name of patient   * **Max length: 32** * **Optional** |
| BODY | **Birthday** | double | Birthday of patient   * **Optional** * **Year > 1916** |
| BODY | **Gender** | byte | Gender of patient   * **Optional** * **0 : Male** * **1 : Female** |
| BODY | **Phone** | string | Phone of gender   * **Optional** * **Max length: 15** |
| BODY | **Address** | string | Address of patient.   * **Optional** * **Max length: 128** |
| BODY | **Weight** | double | Weight of patient.   * **Optional** * **Min : 1** * **Max : 500** |
| BODY | **Height** | double | Height of patient   * **Optional** * **Min: 30** * **Max : 400** |

* + Response

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| --- | --- |
| Status | Content |
| **200** | {  "Patient": {  "Id": 0,  "FirstName": "",  "LastName": "",  "Birthday": 0,  "Phone": "",  "Role": 0,  "Created": 0,  "LastModified": 0,  "Gender": 0,  "Status": 0,  "Address": ""  }  } |
| **400**  Request parameters sent to server 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"  } |
| **500**  Something is wrong with server. Tell client to try again. | {  "Error": "W021"  } |