1. **API Home screen** < chưa cần làm vội, bàn bạc sau >

- Mô tả chức năng: Lấy thong tin notification và số tin nhắn đến hiển thị ra màn hình home app.

a. Request

|  |  |
| --- | --- |
| Method | Url |
| GET |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Params | Values | Description |
|  |  |  |  |
|  |  |  |  |

1. Response

|  |  |
| --- | --- |
| Status | Content |
| 200 |  |
| 404 | {       "Error":[         "Invalid "     ] } |
| 400 | {       "Error":[  "",  ""     ] } |

1. **API danh sách chuyên khoa**

* Danh sách tất cả các chuyên khoa của bác sỹ.

<Tách specialty trong doctor ra làm một table mới Specialties [*id*, name]>

1. Request

|  |  |
| --- | --- |
| 1. Method | Url |
| GET |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Params | Values | Description |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

1. Response

|  |  |
| --- | --- |
| Status | Content |
| 200 | {  Specialties {  ID: <id>,  Name: <name>  }  } |
| 404 | {       "Error":[         "Invalid "     ] } |
| 400 | {       "Error":[  "",  ""     ] } |

**3**. **API Danh sách bác sỹ tìm kiếm**

- Danh sách kết quả tìm kiếm bác sỹ

<tạo hai table mới cho Countries[id, name] và Cities[id, countryID, name]>

1. Request

|  |  |
| --- | --- |
| Method | Url |
| GET |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Params | Values | Description |
|  | Country | String | CountryID want to search |
|  | City | String | Tên thành phố cần tìm kiếm |
|  | Name | String | Tên Bác sỹ cần tìm kiếm |
|  | SpecialtyID | String | Chuyên ngành id bác sỹ |
|  |  |  |  |

1. Response

|  |  |
| --- | --- |
| Status | Content |
| 200 | {  "Doctors":[         {            "Id":"",          "FirstName":"",          "LastName":"",          "Email":"",          "Password":"",          "Birthday":"",          "Gender":"",          "Address":"",  "Country": {  Id: "",  Name: ""  },  "City": {  Id: "",  Name: ""  },          "Longitude":"",          "Latitude":"",          "Phone":"",          "Role":"",          "Status":"",          "Photo":"",          "Rank":"",          "Speciality":"",          "Voters":"",          "Money":"",          "Created":"",          "LastModified":""       }    ],    "Total":  } |
| 404 | {       "Error":[         "Invalid "     ] } |
| 400 | {       "Error":[  "",  ""     ] } |
|  |  |

1. **API danh sách bác sỹ đã lien kết với bệnh nhân**
2. Request

|  |  |
| --- | --- |
| Method | Url |
| GET |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Params | Values | Description |
|  | PatientId |  | Id cua benh nhan |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

1. Response

|  |  |
| --- | --- |
| Status | Content |
| 200 | {  "Doctors":[         {            "Id":"",          "FirstName":"",          "LastName":"",          "Email":"",          "Password":"",          "Birthday":"",          "Gender":"",          "Address":"",  "Country": {  Id: "",  Name: ""  },  "City": {  Id: "",  Name: ""  },         "Longitude":"",          "Latitude":"",          "Phone":"",          "Role":"",          "Status":"",          "Photo":"",          "Rank":"",          "Speciality":"",          "Voters":"",          "Money":"",          "Created":"",          "LastModified":""       }    ],    "Total":  } |
| 404 | {       "Error":[         "Invalid "     ] } |
| 400 | {       "Error":[  "",  ""     ] } |
|  |  |

1. **API Get All Allergy**

* Lay ten tat ca dị ứng và các phản ứng của bệnh nhân với dị ứng
* Add them trường NameAllergy trong bảng Allergy

1. Request

|  |  |
| --- | --- |
| Method | Url |
| GET |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Params | Values | Description |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

1. Response

|  |  |
| --- | --- |
| Status | Content |
| 200 | {  Allergies:[  {  Id: <id>,  Person: <who created>,  Name: <name\_allergy>,  Cause: <cause>  Note: <note>,  Created: <created\_date>,  LastModified: <modified\_date>  }  ]  } |
| 404 | {       "Error":[         "Invalid "     ] } |
| 400 | {       "Error":[  "",  ""     ] } |
|  |  |

1. **API Create Allergy**
2. Request

|  |  |
| --- | --- |
| Method | Url |
| POST |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Params | Values | Description |
|  | Name |  |  |
|  | Cause |  |  |
|  | Note |  |  |

1. Response

|  |  |
| --- | --- |
| Status | Content |
| 200 | {  Allergy:  {  Id: <id>,  Person: <who created>,  Name: <name\_allergy>,  Cause: <cause>  Note: <note>,  Created: <created\_date>,  LastModified: <modified\_date>  }  } |
| 404 | {       "Error":[         "Invalid "     ] } |
| 400 | {       "Error":[  "",  ""     ] } |
|  |  |

1. **API Edit Allergy**
2. Request

|  |  |
| --- | --- |
| Method | Url |
| PUT |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Params | Values | Description |
|  | IDAllergy |  | ID của dị ứng |
|  | Name |  |  |
|  | Cause |  |  |
|  | Note |  |  |

1. Response

|  |  |
| --- | --- |
| Status | Content |
| 200 | {  Allergy:  {  Id: <id>,  Person: <who created>,  Name: <name\_allergy>,  Cause: <cause>  Note: <note>,  Created: <created\_date>,  LastModified: <modified\_date>  }  } |
| 404 | {       "Error":[         "Invalid "     ] } |
| 400 | {       "Error":[  "",  ""     ] } |
|  |  |

1. **API Delete Allergy**
2. Request

|  |  |
| --- | --- |
| Method | Url |
| DELETE |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Params | Values | Description |
|  | Id |  | ID của dị ứng |

1. Response

|  |  |
| --- | --- |
| Status | Content |
| 204 |  |
| 404 | {       "Error":[         "Invalid "     ] } |
| 400 | {       "Error":[  "",  ""     ] } |
|  |  |

1. **API Get All Appointment**

<có thể pagination là default, nhưng có thể lấy ra hết tất cả, có thể filter theo status >

1. Request

|  |  |
| --- | --- |
| Method | Url |
| GET |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Params | Values | Description |
|  |  |  |  |

1. Response

|  |  |
| --- | --- |
| Status | Content |
| 200 | {  “Appointments”:[  {  Id:,  Maker:{  Id: <id>,  FirstName: <fname>,  LastName: <lname>  },  Dater: {  Id: <id>,  FirstName: <fname>,  LastName: <lname>  },  From:,  To:,  Note:,  Created:,  Status,  LastModified:  }  ]  “Total”:  } |
| 404 | {       "Error":[         "Invalid "     ] } |
| 400 | {       "Error":[  "",  ""     ] } |
|  |  |

1. **API Get One Appointment** 
   1. Request

|  |  |
| --- | --- |
| Method | Url |
| GET |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Params | Values | Description |
|  |  |  |  |
|  |  |  |  |

* 1. Response

|  |  |
| --- | --- |
| Status | Content |
| 200 | {  “Appointment”:{  Id:,  Maker:{  Id: <id>,  FirstName: <fname>,  LastName: <lname>  },  Dater: {  Id: <id>,  FirstName: <fname>,  LastName: <lname>  },  From:,  To:,  Note:,  Created:,  Status,  LastModified:  }    } |
| 404 | {       "Error":[         "Invalid "     ] } |
| 400 | {       "Error":[  "",  ""     ] } |
|  |  |

1. **API Edit Appointment**

<chỉ cho phép edit những lịch hẹn chưa kết thúc + pending, hai người tham gia có thể edit -> cần dc sự chấp thuận từ phía còn lại>

1. Request

|  |  |
| --- | --- |
| Method | Url |
| PUT |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Params | Values | Description |
|  | Id |  |  |
|  | Maker |  |  |
|  | Dater |  |  |
|  | From |  |  |
|  | To |  |  |
|  | Note |  |  |

1. Response

|  |  |
| --- | --- |
| Status | Content |
| 200 | {  “Appointment”:{  Id:,  Maker:{  Id: <id>,  FirstName: <fname>,  LastName: <lname>  },  Dater: {  Id: <id>,  FirstName: <fname>,  LastName: <lname>  },  From:,  To:,  Note:,  Created:,  Status,  LastModified:  }    } |
| 404 | {       "Error":[         "Invalid "     ] } |
| 400 | {       "Error":[  "",  ""     ] } |
|  |  |

1. **API Change Status Appointment**

< chỉ đc thay đổi status trên DB để người còn lại có thể xem đc) -> thông báo cho người còn lại, có thể cần hoặc không cần[trường hợp cancel] sự chấp thuận từ người còn lại>

1. Request

|  |  |
| --- | --- |
| Method | Url |
| PUT |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Params | Values | Description |
|  |  |  |  |
|  | Id |  |  |
|  | status |  |  |

1. Response

|  |  |
| --- | --- |
| Status | Content |
| 204 |  |
| 404 | {       "Error":[         "Invalid "     ] } |
| 400 | {       "Error":[  "",  ""     ] } |
|  |  |

1. **API Create Appointment**
2. Request

|  |  |
| --- | --- |
| Method | Url |
|  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Params | Values | Description |
|  |  |  |  |
|  | MakerId |  |  |
|  | DaterId |  |  |
|  | From |  |  |
|  | To |  |  |
|  | Note |  |  |
|  | Status |  |  |

1. Response

|  |  |
| --- | --- |
| Status | Content |
| 201 | {  “Appointment”:{  Id:,  Maker:{  Id: <id>,  FirstName: <fname>,  LastName: <lname>  },  Dater: {  Id: <id>,  FirstName: <fname>,  LastName: <lname>  },  From:,  To:,  Note:,  Created:,  Status,  LastModified:  }    } |
| 404 | {       "Error":[         "Invalid "     ] } |
| 400 | {       "Error":[  "",  ""     ] } |
|  |  |

1. **API Edit profile**
2. Request

|  |  |
| --- | --- |
| Method | Url |
|  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Params | Values | Description |
|  |  |  |  |
|  | IDPatient |  |  |
|  | FirstName |  |  |
|  | LastName |  |  |
|  | Birthday |  |  |
|  | Phone |  |  |
|  | Gender |  |  |
|  | Address |  |  |

1. Response

|  |  |
| --- | --- |
| Status | Content |
| 201 | {      "Patient":{         "Id":"",       "FirstName":"",       "LastName":"",       "Email":"",       "Password":"",       "Birthday":"",       "Gender":"",       "Address":"",       "Longitude":"",       "Latitude":"",       "Phone":"",       "Role":"",       "Status":"",       "Photo":"",       "Money":"",       "Created":"",       "LastModified":""    } } |
| 404 | {       "Error":[         "Invalid "     ] } |
| 400 | {       "Error":[  "",  ""     ] } |
|  |  |

1. **API Get profile**
2. Request

|  |  |
| --- | --- |
| Method | Url |
|  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Params | Values | Description |
|  | PatientId |  |  |

1. Response

|  |  |
| --- | --- |
| Status | Content |
| 200 | {      "Patient":{         "Id":"",       "FirstName":"",       "LastName":"",       "Email":"",       "Password":"",       "Birthday":"",       "Gender":"",       "Address":"",       "Longitude":"",       "Latitude":"",       "Phone":"",       "Role":"",       "Status":"",       "Photo":"",       "Money":"",       "Created":"",       "LastModified":""    } } |
| 404 | {       "Error":[         "Invalid "     ] } |
| 400 | {       "Error":[  "",  ""     ] } |
|  |  |