Third Party Service HTTP REST:

List or registered organizations

|  |  |
| --- | --- |
| GetRequest: | / |
| returns JSON FORMAT | [      {          "orgInterest": "DONATE",          "orgName": "orgName"      },      {          "orgInterest": "RECEIVE",          "orgName": "org2Name"      }  ] |

Health Organization HTTP REST:

Registeration:

|  |  |
| --- | --- |
| POST Request | /Org/Register |
| Takes JSON FORMAT | {      "orgName": "orgName",      "email": "email1@gmail.com",      "organizationInterest": "DONATE",      "memberDetails": {          "address": "adress",          "city": "city",          "country": "country",          "password": "password8",          "phoneNumber": "phoneNumber"      }  } |
|  | {  "orgName": "org2Name",  "email": "email2@gmail.com",  "organizationInterest": "RECEIVE",  "memberDetails": {  "address": "adress",  "city": "city",  "country": "country",  "password": "password8",  "phoneNumber": "phoneNumber"  }  } |

Login

|  |  |
| --- | --- |
| PostRequest: | /Org/Login |
| Takes JSON FORMAT | {      "email": "email1@gmail.com",      "password": "password8"  } |

View Profile

|  |  |
| --- | --- |
| GetRequest: | /Org/{id} eg: /Org/O2 |
| Returns | {      "id": "O2",      "name": "orgName",      "email": "email1@gmail.com",      "address": "adress"  } |

Add Donate Entity

|  |  |
| --- | --- |
| Post Request | /Org/AvailableToDonate/{orgid} eg: /Org/AvailableToDonate/O2 |
| Takes JSON format – eg for Blood | {  "entityName": "BLOOD",  "bloodDetail":{  "Qty": 20,  "bloodType": "AB\_NEGATIVE"  }  } |
| Takes JSON format – eg for Organ | {  "entityName": "KIDNEY",  "bloodDetail":{    }  } |

add Entity to Receive

|  |  |
| --- | --- |
| Post Request | /Org/WaitingToReceive/{orgid} eg: /Org/WaitingToReceive/O2 |
| Takes JSON format – eg for Blood | {  "entityName": "BLOOD",  "bloodDetail":{  "Qty": 20,  "bloodType": "AB\_NEGATIVE"  }  } |
| Takes JSON format – eg for Organ | {  "entityName": "KIDNEY",  "bloodDetail":{    }  } |

DONATE

|  |  |
| --- | --- |
| Post Request | /Org/Donation/{donorOrgId} eg: /Org/Donation/O2 |
| Takes JSON format – eg for Organ | {  "entityName": "HEART",  "receiverId": "O3"  } |

View Donors

|  |  |
| --- | --- |
| Get Request | /Org/ViewDonors/{orgId} eg: /Org/ViewDonors/O2 |
| Returns JSON format – list of individuals associated with an organization | [      {          "name": "First Name Last Name",          "email": "emailind@gmail.com",          "phone": "phoneNumber"      }  ] |

Individual HTTP REST:

Registeration:

|  |  |
| --- | --- |
| POST Request | /Ind/Register |
| Takes JSON FORMAT | {  "firstName": "First Name",  "lastName": "Last Name",  "licenceKey": "Org2",  "email": "emailind@gmail.com",  "dateOfBirth": "2001-05-03",  "memberDetails": {  "address": "adress",  "city": "city",  "country": "country",  "password": "password8",  "phoneNumber": "phoneNumber"  }  } |

Login

|  |  |
| --- | --- |
| PostRequest: | /Ind/Login |
| Takes JSON FORMAT | {      "email": "emailind@gmail.com",      "password": "password8"  } |

AddTest

|  |  |
| --- | --- |
| PostRequest: | /Ind/AddTest/{indId}/{orgId} eg: /Ind/AddTest/I2/Org2 |
| Takes JSON FORMAT | {      "testName": "ANTIBODY",      "hasPassed": true  } |

Add Profile

|  |  |
| --- | --- |
| PostRequest: | /Ind/Profile/{indId}/{licencyKey} Eg:/Ind/Profile/I2/Org2 |
| Takes JSON FORMAT | {  "gender": "MALE",  "dateOfBirth": "2001-05-03",  "height": 160,  "weight": 65,  "blood": {  "bloodType": "A\_NEGATIVE",  "bloodUnitsDonated": 25,  "bloodUnitsAvailable": 30,  "bloodUnitsRequired": 56      },  "donationPreferences": [  "HEART","EYES"  ]      } |
| Get Request: | /Org/Profile/{indId} eg: /Ind/Profile/I2 |
| Returns JSON FORMAT-  required blood doesn’t get updated in the db because for now individuals can only be donors and cannot request for blood- can be used for future work | {      "gender": "MALE",      "dateOfBirth": "2001-05-03",      "height": 160,      "weight": 65,      "blood": {          "bloodType": "A\_NEGATIVE",          "bloodUnitsDonated": 25,          "bloodUnitsAvailable": 30,          "bloodUnitsRequired": 0      },      "donationPreferences": [          "NULL"      ],      "tests": [],      "dateOfLastUpdate": "2020-05-03"  } |

Things to look into:

Request units

replicating nodes

@Default messages for errors