**Endpoints**

1. **Insert User:**

**URL**: (POST) [http://localhost:8080/HitmenWFM/api/user](http://localhost:8080/HitmenWFM/user)

**JSON Example:**

{

"userName": "JeffTest",

"email": "jeffbg123@gmail.com",

"password": "test",

"firstName": "Jeff",

"lastName": "Grossman",

"middleName": "B",

"streetAddressLine1": "123 Fake Street",

"streetAddressLine2": "Unit 1",

"streetAddressLine3": "Unit 2",

"city": "Chicago",

"state": "IL",

"zip": "60614",

"cellPhone": "123-456-7890",

"homePhone": "987-654-3213",

"birthDate": "12345"

}

**Returns:** The user that was created

1. **Get User:**

**URL**: (GET) [http://localhost:8080/HitmenWFM/api/user](http://localhost:8080/HitmenWFM/user)/Jus8727

**Returns:** The user that was requested

1. **Get Users:**

**URL**: (GET) [http://localhost:8080/HitmenWFM/api/user](http://localhost:8080/HitmenWFM/user)/

**Returns:** All users

1. **Forgot Password:**

**URL**: (POST) [http://localhost:8080/HitmenWFM/api/user](http://localhost:8080/HitmenWFM/user)/forgot

**JSON Example:**

{

"userName": "JeffTest",

}

**Returns:** The user that was emailed. Sends email to that user

1. **Change password:**

**URL**: (POST) [http://localhost:8080/HitmenWFM/api/user](http://localhost:8080/HitmenWFM/user)/password

**JSON Example:**

{

"userName": "JeffTest",

"password": "newPassword",

“verificationToken”:”342323423423423423”

}

**Returns:** The user that was modified

1. **User Login:**

**URL**: (POST) [http://localhost:8080/HitmenWFM/api/user](http://localhost:8080/HitmenWFM/user)/login

**JSON Example:**

{

"userName": "JeffTest",

"password": "test"

}

**Returns:** The user that was logged in, or null on wrong password

1. **User Login:**

**URL**: (GET) [http://localhost:8080/HitmenWFM/api/user](http://localhost:8080/HitmenWFM/user)/

**JSON Example:**

{

"userName": "JeffTest",

"password": "test"

}

**Returns:** The user that was logged in, or an error if no one is

1. **Update User:**

**URL**: (POST) [http://localhost:8080/HitmenWFM/api/user](http://localhost:8080/HitmenWFM/user)/update

**JSON Example:**

{

"userName": "JeffTest",

"email": "jeffbg123@gmail.com",

"password": "test",

"firstName": "Jeff",

"lastName": "NewLastName",

"middleName": "B",

"streetAddressLine1": "123 Fake Street",

"streetAddressLine2": "Unit 1",

"streetAddressLine3": "Unit 2",

"city": "Chicago",

"state": "IL",

"zip": "60614",

"cellPhone": "123-456-7890",

"homePhone": "987-654-3213",

"birthDate": "234234234"

}

**Returns:** The user that was updated

1. **Insert Task:**

**URL**: (POST) http://localhost:8080/HitmenWFM/api/tasks

**JSON Example:**

{

"taskName":"Sample Task",

"taskDescription":"Sample Description",

"startDate":"2015-05-05",

"dueDate":"2015-10-01",

"assignedToUser":"JeffTest",

"assignedByUser":"Jus8727",

"patient":"5"

}

**Returns:** The task that was updated

1. **Update Task:**

**URL**: (POST) http://localhost:8080/HitmenWFM/api/tasks/{taskid}

**JSON Example:**

{

"taskName":"Sample Task",

"taskDescription":"New Sample Description",

"startDate":"2015-05-05",

"dueDate":"2015-10-01",

"assignedToUser":"JeffTest",

"assignedByUser":"Jus8727",

"patient":"5"

}

**Returns:** The task that was updated

1. **Get All Tasks:**

**URL**: (GET) http://localhost:8080/HitmenWFM/api/tasks/get

**Returns:** All of the tasks

1. **Get All Tasks by user and status:**

**URL**: (GET) http://localhost:8080/HitmenWFM/api/tasks/{username}/{status}

**Returns:** All of the tasks for that username in that status

1. **Delete Tasks:**

**URL**: (DELETE) http://localhost:8080/HitmenWFM/api/tasks/{taskid}

**Returns:** the id of the deleted task

1. **Mark Task Completed:**

**URL**: (POST) http://localhost:8080/HitmenWFM/api/tasks/{taskid}/complete

**Returns:** the id of the completed task

1. Get templates:

URL: GET /api/templates/

Returns: A list of all of the templates

1. Get template by id:

URL: GET /api/templates/{templateid}

Returns: The template with that id

1. Insert template (add all tasks for that template to a user)

URL: POST /templates

**JSON Example:**

{

"templateName":"Annual Checkup",

"startDate":"1447094913",

"dueDate":"1447094913",

"assignedToUser":"JeffTest",

"assignedByUser":"Jus8727",

"patient":"5",

"patientName":"Fred John"

}

Returns: The inserted information

1. Get Reports

URL: GET /reports

Returns: A list of the reports for each user

1. Get patients by name

URL: GET /fullpatients/id/{id}

Returns: All FHIR info on that patient

1. Get patients by name

URL: GET /fullpatients/name/{name}

Returns: All FHIR info on patients that math the name