

## Documentation for Rest method calls

1-16-2015

### Tips:

1. Change the context root to simply "/" by going to properties > Web project settings > Context root
2. After doing maven update it cleans your project so you need to add the dependencies back. Go to properties > java build path > order and export and checking all *then* going to properties > deployment assembly > add > java build path entries > maven dependencies and clicking okay.
3. Use Rest Client in Chrome for testing. Add "Accept: application/json" in the headers form and any necessary json input in the payload form.
4. Note, some of the methods below haven't been tested since we dropped "username", so if you see an issue, let me know.
5. Obviously, you will need to populate the database before the get methods will work.
6. Dates are in format yyyy-MM-dd and times are in format yyyy-MM-dd HH:mm:ss
7. Test locally as much as possible to avoid going over the Amazon free tier.
  - a. Also, you can't see the logs without logging into Amazon, so if an error occurs, it's hard to figure out why. If you need the logs, let me know.

<b>/app/resources/newUser/{firstName}-{lastName}/{email}</b>
<b>Type: Post</b>
<b>Accepts: json in form of { "password" : "x", "checkPassword": "x", "firstName" : "x", "lastName" : "x", "phone" : "x", "email" : "x", "city" : "x", "state" : "x", "isTutor" : "x" }</b>
<b>Example: http://intellitapp-chudkcuff.elasticbeanstalk.com/app/resources/newUser/Bugs-Bunny/bugs@bunny.com</b>
<b>Result: adds new user to database with the given attributes</b>

<b>/app/resources/userDetails/{email}/{phone}/{city}/{state}/{isTutor}</b>
<b>Type: Put (this means update)</b>
<b>Accepts: N/A</b>
<b>Example: http://intellitapp-chudkcuff.elasticbeanstalk.com/app/resources/ userDetails/hforprez@gmail.com/2220002222/New+York/NY/true</b>
<b>Result: updates user details with the given attributes</b>

<b>/app/resources/tutorDetails/{email}</b>
<b>Type: Post</b>
<b>Accepts: json in form of { "email": "Jseinfeld@nbc.com", "skills": [{"skill": "Comedy"}, {"skill": "Acting"}, {"skill": "Stand up"}], "resumeLink": "seinfeld.com" }</b>

//skills is an array of variable length
Example: <a href="http://intellitapp-chudkccuff.elasticbeanstalk.com/app/resources/tutorDetails/jseinfeld@nbc.com">http://intellitapp-chudkccuff.elasticbeanstalk.com/app/resources/tutorDetails/jseinfeld@nbc.com</a>
Result: updates tutor information

<b>/app/resources/queryTutors</b>
Type: Get
Accepts: N/A
Other: This method uses query parameters, which means you use the form “?key=value&otherkey=othervalue&etc....” to pass url variables. Only “skill”, “identifier”, “city” and “state” are valid keys.
Example: <a href="http://intellitapp-chudkccuff.elasticbeanstalk.com/app/resources/queryTutors?city=Austin&amp;state=TX">http://intellitapp-chudkccuff.elasticbeanstalk.com/app/resources/queryTutors?city=Austin&amp;state=TX</a>
Result: returns data in form of json that contains an array of tutors that meet the given criteria.

<b>/app/resources/updateUser/{email}</b>
Type: Put
Accepts: { “tagline”: “Comedian from the hit show Seinfeld”, “city”: “New York”, “state”: “NY”, “aboutMe”, “I’ve been acting and doing standup for a long time” }
Example: <a href="http://intellitapp-chudkccuff.elasticbeanstalk.com/updateUser/rogerRabbit@rr.com">http://intellitapp-chudkccuff.elasticbeanstalk.com/updateUser/rogerRabbit@rr.com</a>
Other: You can basically use any of the fields from the user object as keys for the json.
Result: updates the user info for whatever fields you want, i.e. not all fields in the json above are necessary.

<b>/app/resources/sendMessage</b>
Type: Post
Accepts: { “messageBody”: “This is the message body” }
Other: This method uses query parameters to pass url variables. Only “sender”, and “recipient” are valid keys.
Example: <a href="http://intellitapp-chudkccuff.elasticbeanstalk.com/sendMessage?sender=Rakan@utexas.edu&amp;recipient=m@ut.edu">http://intellitapp-chudkccuff.elasticbeanstalk.com/sendMessage?sender=Rakan@utexas.edu&amp;recipient=m@ut.edu</a>
Result: inserts the message

<b>/app/resources/queryMessages</b>
Type: Get
Accepts: N/A.
Other: This method uses query parameters to pass url variables. Only “email” and contactPartyEmail are valid keys. Emails have to be valid.

Example: <a href="http://intellitapp-chudkccuff.elasticbeanstalk.com/getSkills?email=m@m.com&amp;contactPartyEmail=fron@ut.edu">http://intellitapp-chudkccuff.elasticbeanstalk.com/getSkills?email=m@m.com&amp;contactPartyEmail=fron@ut.edu</a>
Result: returns all messages that have been sent between user and contact party in json form

<b>/app/resources/getSkills</b>
---------------------------------

Type: Get
-----------

Accepts: N/A.
---------------

Other: This method uses query parameters to pass url variables. Only "email" is a valid key. Email has to be valid.
---

Example: <a href="http://intellitapp-chudkccuff.elasticbeanstalk.com/getSkills?email=m@m.com">http://intellitapp-chudkccuff.elasticbeanstalk.com/getSkills?email=m@m.com</a>
--

Result: returns the skills in json form
---

<b>/app/resources/addEmployments</b>
--------------------------------------

Type: Post
------------

Accepts: [{"company": "Venmo", "description": "mobile payments", "position": "software engineer", "startDate": "2012-01-01", "endDate": "2014-04-01"}, {"company": "Carls Jr.", "description": "flipped burgers", "position": "burger artist", "startDate": "2008-01-05"}]
--

Other: This method uses query parameters to pass url variables. Only "email" is a valid key. Note that this is a json array, so you can include several jobs. <b>StartDate and Company are required. Others are optional.</b> Email has to be valid
---

Example: <a href="http://intellitapp-chudkccuff.elasticbeanstalk.com/addEmployments?email=m@m.com">http://intellitapp-chudkccuff.elasticbeanstalk.com/addEmployments?email=m@m.com</a>
--

Result: inserts the jobs
--------------------------

<b>/app/resources/getEmployments</b>
--------------------------------------

Type: Get
-----------

Accepts: N/A.
---------------

Other: This method uses query parameters to pass url variables. Only "email" is a valid key. Email has to be valid.
---

Example: <a href="http://intellitapp-chudkccuff.elasticbeanstalk.com/getEmployments?email=m@m.com">http://intellitapp-chudkccuff.elasticbeanstalk.com/getEmployments?email=m@m.com</a>
--

Result: returns the jobs in json form
---------------------------------------

<b>/app/resources/addEducation</b>
------------------------------------

Type: Post
------------

Accepts: [{"schoolName": "UT Austin", "concentration1": "Computer Science", "concentration2": "Radio, Television, Film", "startDate": "2012-01-01", "description": "Studying CS with minor in ....", "level": "Senior"}]
--

Other: This method uses query parameters to pass url variables. Only "email" is a valid key. Note that this is a **json array**, so you can include several jobs. **StartDate and schoolName are required. Others are optional.** Email has to be valid

Example: <http://intellitapp-chudkccuff.elasticbeanstalk.com/addEducation?email=m@m.com>

Result: inserts the schools

**/app/resources/getEducation**

Type: Get

Accepts: N/A.

Other: This method uses query parameters to pass url variables. Only "email" is a valid key. Email has to be valid.

Example: <http://intellitapp-chudkccuff.elasticbeanstalk.com/getEducation?email=m@m.com>

Result: returns the schools in json form

**/app/resources/addDatesAvailable**

Type: Post

Accepts: [{"date": "2012-01-01", "startTime": "2012-01-01 11:30:00", "endTime": "2012-01-01 13:30:00"}]

Other: This method uses query parameters to pass url variables. Only "email" is a valid key. Note that this is a **json array**, so you can include several jobs. **StartDate and schoolName are required. Others are optional.** Email has to be valid. Note, time must be in format yyyy-MM-dd HH:mm:ss

Example: <http://intellitapp-chudkccuff.elasticbeanstalk.com/addDatesAvailable?email=m@m.com>

Result: inserts the dates available

**/app/resources/getDatesAvailable**

Type: Get

Accepts: N/A.

Other: This method uses query parameters to pass url variables. Only "email" is a valid key. Email has to be valid.

Example: <http://intellitapp-chudkccuff.elasticbeanstalk.com/getDatesAvailable?email=m@m.com>

Result: returns the dates available in json form