

# vLifeCoachService API

## Author

Pinki Meggi

## OVERVIEW

The vLifeCoachService API is a virtual life coach registering and tracking web service for persons health and life measurements.

## PERSON

The person related resources of the vLifeCoachService API are:

GET	/person/{ person-id }
*** Get profile information about person identified by { person-id }	
	<a href="http://localhost:5500/vLifeCoachService/person/757">http://localhost:5500/vLifeCoachService/person/757</a>
Response:	<pre>&lt;person&gt;   &lt;personId&gt;757&lt;/personId&gt;   &lt;firstname&gt;Pinki&lt;/firstname&gt;   &lt;lastname&gt;Meggi&lt;/lastname&gt;   &lt;birthdate&gt;1982-06-29&lt;/birthdate&gt;   &lt;email&gt;pinki.meggi@gmail.com&lt;/email&gt;   &lt;username&gt;pinki.meggi&lt;/username&gt;   &lt;password&gt;123456&lt;/password&gt; &lt;/person&gt;</pre>

POST	/person
*** Save the information about person and returns new person Id	
	<a href="http://localhost:5500/vLifeCoachService/person">http://localhost:5500/vLifeCoachService/person</a>
Request:	<pre>&lt;person&gt;   &lt;firstname&gt;Pritesh&lt;/firstname&gt;   &lt;lastname&gt;Kotecha&lt;/lastname&gt;   &lt;birthdate&gt;1975-10-04&lt;/birthdate&gt;   &lt;email&gt;pritesh.kotecha@gmail.com&lt;/email&gt;   &lt;username&gt;pritesh.kotecha&lt;/username&gt;   &lt;password&gt;654321&lt;/password&gt; &lt;/person&gt;</pre>
Response:	806

## PERSON MEASUREMENTS

<b>GET</b>	<b>/person/{id}/{measure}</b>
<b>*** return the {measure} history of person {id}</b>	
	<a href="http://localhost:5500/vLifeCoachService/person/757/weight">http://localhost:5500/vLifeCoachService/person/757/weight</a>
<b>Response:</b>	<measureHistory1s />
	<a href="http://localhost:5500/vLifeCoachService/person/757/weight">http://localhost:5500/vLifeCoachService/person/757/weight</a>
<b>Response:</b>	<pre>&lt;measureHistory1s&gt;   &lt;measure&gt;     &lt;mid&gt;51&lt;/mid&gt;     &lt;measure&gt;weight&lt;/measure&gt;     &lt;value&gt;80&lt;/value&gt;     &lt;created&gt;2014-11-28&lt;/created&gt;   &lt;/measure&gt;   &lt;measure&gt;     &lt;mid&gt;52&lt;/mid&gt;     &lt;measure&gt;weight&lt;/measure&gt;     &lt;value&gt;80&lt;/value&gt;     &lt;created&gt;2014-11-28&lt;/created&gt;   &lt;/measure&gt; &lt;/measureHistory1s&gt;</pre>

<b>GET</b>	<b>/person/{id}/{measure}/{mid}</b>
<b>*** return the {measure} information identified by {mid} for person {id}</b>	
	<a href="http://localhost:5500/vLifeCoachService/person/1/weight/52">http://localhost:5500/vLifeCoachService/person/1/weight/52</a>
<b>Response:</b>	<pre>&lt;measure&gt;   &lt;mid&gt;52&lt;/mid&gt;   &lt;measure&gt;weight&lt;/measure&gt;   &lt;value&gt;80&lt;/value&gt;   &lt;created&gt;2014-11-28&lt;/created&gt; &lt;/measure&gt;</pre>

<b>POST</b>	<b>/person/{id}/{measure}</b>
<b>*** Save the information of {measure} for person {id}</b>	
	<a href="http://localhost:5500/vLifeCoachService/person/757/weight">http://localhost:5500/vLifeCoachService/person/757/weight</a>
<b>Request:</b>	<pre>&lt;measure&gt;   &lt;value&gt;65&lt;/value&gt;   &lt;created&gt;10-02-2015&lt;/created&gt; &lt;/measure&gt;</pre>
<b>Response:</b>	<pre>&lt;measure&gt;   &lt;mid&gt;702&lt;/mid&gt;   &lt;measure&gt;weight&lt;/measure&gt;   &lt;value&gt;65&lt;/value&gt;   &lt;created&gt;10-02-2015&lt;/created&gt; &lt;/measure&gt;</pre>

<b>PUT</b>	<b>/person/{id}/{measure}/{mid}</b>
<b>*** update the value of {measure} identified by {mid} for person {id}</b>	
	<a href="http://localhost:5500/vLifeCoachService/person/757/weight/702">http://localhost:5500/vLifeCoachService/person/757/weight/702</a>
<b>Request:</b>	<pre>&lt;measure&gt;   &lt;value&gt;66&lt;/value&gt;   &lt;created&gt;10-02-2015&lt;/created&gt; &lt;/measure&gt;</pre>

<b>Response:</b>	<pre> &lt;measure&gt;   &lt;mid&gt;702&lt;/mid&gt;   &lt;measure&gt;weight&lt;/measure&gt;   &lt;value&gt;66&lt;/value&gt;   &lt;created&gt;10-02-2015&lt;/created&gt; &lt;/measure&gt; </pre>
------------------	--

<b>DELETE</b>	<b>/person/{id}/{measure}/{mid}</b>
<b>*** delete the information about {measure} identified by {mid} for person {id}</b>	
	<a href="http://localhost:5500/vLifeCoachService/person/757/weight/702">http://localhost:5500/vLifeCoachService/person/757/weight/702</a>
<b>Response:</b>	<b>STATUS</b> 200 OK

<b>GET</b>	<b>/measures</b>
<b>*** Get the list of measure types supported by the application</b>	
	<a href="http://localhost:5500/vLifeCoachService/measures">http://localhost:5500/vLifeCoachService/measures</a>
<b>Response:</b>	<pre> &lt;measureTypes&gt;   &lt;measuretype&gt;     &lt;measure&gt;weight&lt;/measure&gt;   &lt;/measuretype&gt;   &lt;measuretype&gt;     &lt;measure&gt;walkingsteps&lt;/measure&gt;   &lt;/measuretype&gt;   &lt;measuretype&gt;     &lt;measure&gt;bloodpressure&lt;/measure&gt;   &lt;/measuretype&gt;   &lt;measuretype&gt;     &lt;measure&gt;sleepinghours&lt;/measure&gt;   &lt;/measuretype&gt; &lt;/measureTypes&gt; </pre>

## PERSON GOALS

POST	/goal/{id}
*** Save new goal for person {id}	
	<a href="http://localhost:5500/vLifeCoachService/goal/1">http://localhost:5500/vLifeCoachService/goal/1</a>
Request:	<pre>&lt;goal&gt;   &lt;value&gt;10&lt;/value&gt;   &lt;created&gt;12-02-2015&lt;/created&gt;   &lt;measure&gt;sleepinghours&lt;/measure&gt;   &lt;type&gt;daily&lt;/type&gt; &lt;/goal&gt;</pre>
Response:	<pre>&lt;goal&gt;   &lt;goalId&gt;451&lt;/goalId&gt;   &lt;value&gt;10&lt;/value&gt;   &lt;measure&gt;sleepinghours&lt;/measure&gt;   &lt;type&gt;daily&lt;/type&gt;   &lt;created&gt;12-02-2015&lt;/created&gt; &lt;/goal&gt;</pre>

GET	/goal/{id}
*** return the goals of person with {id}	
	<a href="http://localhost:5500/vLifeCoachService/goal/1">http://localhost:5500/vLifeCoachService/goal/1</a>
Response:	<pre>&lt;goal1s&gt; &lt;goal&gt;   &lt;goalId&gt;351&lt;/goalId&gt;   &lt;value&gt;110&lt;/value&gt;   &lt;measure&gt;bloodpressure&lt;/measure&gt;   &lt;type&gt;daily&lt;/type&gt;   &lt;created&gt;30-01-2015&lt;/created&gt; &lt;/goal&gt; &lt;goal&gt;   &lt;goalId&gt;352&lt;/goalId&gt;   &lt;value&gt;600&lt;/value&gt;   &lt;measure&gt;walkingsteps&lt;/measure&gt;   &lt;type&gt;daily&lt;/type&gt;   &lt;created&gt;30-01-2015&lt;/created&gt; &lt;/goal&gt; &lt;goal&gt;   &lt;goalId&gt;451&lt;/goalId&gt;   &lt;value&gt;10&lt;/value&gt;   &lt;measure&gt;sleepinghours&lt;/measure&gt;   &lt;type&gt;daily&lt;/type&gt;   &lt;created&gt;12-02-2015&lt;/created&gt; &lt;/goal&gt; &lt;/goal1s&gt;</pre>

GET	/goal/{id}/{gid}
*** return the goal identified by {gid} of person {id}	
	<a href="http://localhost:5500/vLifeCoachService/goal/1/351">http://localhost:5500/vLifeCoachService/goal/1/351</a>
Response:	<pre>&lt;goal&gt;   &lt;goalId&gt;351&lt;/goalId&gt;   &lt;value&gt;110&lt;/value&gt;   &lt;measure&gt;bloodpressure&lt;/measure&gt;   &lt;type&gt;daily&lt;/type&gt;   &lt;created&gt;30-01-2015&lt;/created&gt; &lt;/goal&gt;</pre>

<b>DELETE</b>	<b>/goal/{id}/{gid}</b>
<b>*** delete the goal identified by {gid} of person {id}</b>	
	<a href="http://localhost:5500/vLifeCoachService/goal/1/351">http://localhost:5500/vLifeCoachService/goal/1/351</a>
<b>Response:</b>	<b>STATUS</b> 200 OK

<b>PUT</b>	<b>/goal/{id}/{gid}</b>
<b>*** update the goal information identified by {gid} of person {id}</b>	
	<a href="http://localhost:5500/vLifeCoachService/goal/1/451">http://localhost:5500/vLifeCoachService/goal/1/451</a>
<b>Request:</b>	<pre>&lt;goal&gt;   &lt;value&gt;8&lt;/value&gt;   &lt;measure&gt;sleepinghours&lt;/measure&gt;   &lt;type&gt;daily&lt;/type&gt;   &lt;created&gt;12-02-2015&lt;/created&gt; &lt;/goal&gt;</pre>
<b>Response:</b>	<pre>&lt;goal&gt;   &lt;goalId&gt;451&lt;/goalId&gt;   &lt;value&gt;8&lt;/value&gt;   &lt;measure&gt;sleepinghours&lt;/measure&gt;   &lt;type&gt;daily&lt;/type&gt;   &lt;created&gt;12-02-2015&lt;/created&gt; &lt;/goal&gt;</pre>

<b>GET</b>	<b>/goal</b>
<b>*** Get the list of goal types supported by the application</b>	
	<a href="http://localhost:5500/vLifeCoachService/goal">http://localhost:5500/vLifeCoachService/goal</a>
<b>Response:</b>	<pre>&lt;goalType1s&gt; &lt;goalType&gt;   &lt;goalTypeId&gt;1&lt;/goalTypeId&gt;   &lt;description&gt;Loose at least _ Kilos weight by end of week&lt;/description&gt;   &lt;measureType&gt;weight&lt;/measureType&gt;   &lt;valueType&gt;minimum&lt;/valueType&gt;   &lt;type&gt;weekly&lt;/type&gt; &lt;/goalType&gt; &lt;goalType&gt;   &lt;goalTypeId&gt;2&lt;/goalTypeId&gt;   &lt;description&gt;     Do not have more than ____ bloodpressure daily.   &lt;/description&gt;   &lt;measureType&gt;bloodpressure&lt;/measureType&gt;   &lt;valueType&gt;maximum&lt;/valueType&gt;   &lt;type&gt;daily&lt;/type&gt; &lt;/goalType&gt; &lt;goalType&gt;   &lt;goalTypeId&gt;3&lt;/goalTypeId&gt;   &lt;description&gt;Walk at least ____ steps per day.&lt;/description&gt;   &lt;measureType&gt;walkingsteps&lt;/measureType&gt;   &lt;valueType&gt;minimum&lt;/valueType&gt;   &lt;type&gt;daily&lt;/type&gt; &lt;/goalType&gt; &lt;goalType&gt;   &lt;goalTypeId&gt;4&lt;/goalTypeId&gt;   &lt;description&gt;Sleep at least ____ hours per night.&lt;/description&gt;   &lt;measureType&gt;sleepinghours&lt;/measureType&gt;   &lt;valueType&gt;minimum&lt;/valueType&gt;   &lt;type&gt;daily&lt;/type&gt; &lt;/goalType&gt; &lt;/goalType1s&gt;</pre>

## PERSON REMINDERS

<b>POST</b>	<b>/reminder/{id}</b>
<b>*** Save new reminder for person {id}</b>	
	<a href="http://localhost:5500/vLifeCoachService/reminder/1">http://localhost:5500/vLifeCoachService/reminder/1</a>
<b>Request:</b>	<pre>&lt;reminder&gt;   &lt;description&gt;Go to SPA&lt;/description&gt;   &lt;type&gt;monthly&lt;/type&gt;   &lt;mDay&gt;27&lt;/mDay&gt;   &lt;created&gt;30-01-2015&lt;/created&gt; &lt;/reminder&gt;</pre>
<b>Response:</b>	<pre>&lt;reminder&gt;   &lt;reminderId&gt;301&lt;/reminderId&gt;   &lt;description&gt;Go to SPA&lt;/description&gt;   &lt;type&gt;monthly&lt;/type&gt;   &lt;mDay&gt;27&lt;/mDay&gt;   &lt;created&gt;30-01-2015&lt;/created&gt; &lt;/reminder&gt;</pre>

<b>GET</b>	<b>/reminder/{id}/{rid}</b>
<b>*** return the reminder identified by {rid} of person {id}</b>	
	<a href="http://localhost:5500/vLifeCoachService/reminder/1/301">http://localhost:5500/vLifeCoachService/reminder/1/301</a>
<b>Response:</b>	<pre>&lt;reminder&gt;   &lt;reminderId&gt;301&lt;/reminderId&gt;   &lt;description&gt;Go to SPA&lt;/description&gt;   &lt;type&gt;monthly&lt;/type&gt;   &lt;mDay&gt;27&lt;/mDay&gt;   &lt;created&gt;30-01-2015&lt;/created&gt; &lt;/reminder&gt;</pre>

<b>GET</b>	<b>/reminder/{id}</b>
<b>*** return all the reminders set for person with {id}</b>	
	<a href="http://localhost:5500/vLifeCoachService/reminder/1">http://localhost:5500/vLifeCoachService/reminder/1</a>
<b>Response:</b>	<pre>&lt;reminder1s&gt;   &lt;reminder&gt;     &lt;reminderId&gt;301&lt;/reminderId&gt;     &lt;description&gt;Go to SPA&lt;/description&gt;     &lt;type&gt;monthly&lt;/type&gt;     &lt;mDay&gt;27&lt;/mDay&gt;     &lt;created&gt;30-01-2015&lt;/created&gt;   &lt;/reminder&gt; &lt;/reminder1s&gt;</pre>

<b>PUT</b>	<b>/reminder/{id}/{rid}</b>
<b>*** update the reminder information identified by {rid} of person {id}</b>	
	<a href="http://localhost:5500/vLifeCoachService/reminder/1/301">http://localhost:5500/vLifeCoachService/reminder/1/301</a>
<b>Request:</b>	<pre>&lt;reminder&gt;   &lt;description&gt;Go to SPA Maputo Shopping&lt;/description&gt;   &lt;type&gt;monthly&lt;/type&gt;   &lt;mDay&gt;27&lt;/mDay&gt;   &lt;created&gt;30-01-2015&lt;/created&gt; &lt;/reminder&gt;</pre>

<b>Response:</b>	<pre> &lt;reminder&gt;   &lt;reminderId&gt;301&lt;/reminderId&gt;   &lt;description&gt;Go to SPA Maputo Shopping&lt;/description&gt;   &lt;type&gt;monthly&lt;/type&gt;   &lt;mDay&gt;27&lt;/mDay&gt;   &lt;created&gt;30-01-2015&lt;/created&gt; &lt;/reminder&gt; </pre>
------------------	--

<b>DELETE</b>	<b>/reminder/{id}/{rid}</b>
<b>*** delete the reminder identified by {rid} of person {id}</b>	
	<a href="http://localhost:5500/vLifeCoachService/reminder/1/301">http://localhost:5500/vLifeCoachService/reminder/1/301</a>
<b>Response:</b>	<div>STATUS</div> <div>200 OK</div>