

vLifeCoachService API

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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 }	
	http://localhost:5500/vLifeCoachService/person/757
Response:	<pre><person> <personId>757</personId> <firstname>Pinki</firstname> <lastname>Meggi</lastname> <birthdate>1982-06-29</birthdate> <email>pinki.meggi@gmail.com</email> <username>pinki.meggi</username> <password>123456</password> </person></pre>

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

PERSON MEASUREMENTS

GET	/person/{id}/{measure}
*** return the {measure} history of person {id}	
	http://localhost:5500/vLifeCoachService/person/757/weight
Response:	<measureHistory1s />
	http://localhost:5500/vLifeCoachService/person/757/weight
Response:	<pre><measureHistory1s> <measure> <mid>51</mid> <measure>weight</measure> <value>80</value> <created>2014-11-28</created> </measure> <measure> <mid>52</mid> <measure>weight</measure> <value>80</value> <created>2014-11-28</created> </measure> </measureHistory1s></pre>

GET	/person/{id}/{measure}/{mid}
*** return the {measure} information identified by {mid} for person {id}	
	http://localhost:5500/vLifeCoachService/person/1/weight/52
Response:	<pre><measure> <mid>52</mid> <measure>weight</measure> <value>80</value> <created>2014-11-28</created> </measure></pre>

POST	/person/{id}/{measure}
*** Save the information of {measure} for person {id}	
	http://localhost:5500/vLifeCoachService/person/757/weight
Request:	<pre><measure> <value>65</value> <created>10-02-2015</created> </measure></pre>
Response:	<pre><measure> <mid>702</mid> <measure>weight</measure> <value>65</value> <created>10-02-2015</created> </measure></pre>

PUT	/person/{id}/{measure}/{mid}
*** update the value of {measure} identified by {mid} for person {id}	
	http://localhost:5500/vLifeCoachService/person/757/weight/702
Request:	<pre><measure> <value>66</value> <created>10-02-2015</created> </measure></pre>

Response:	<pre> <measure> <mid>702</mid> <measure>weight</measure> <value>66</value> <created>10-02-2015</created> </measure> </pre>
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DELETE	/person/{id}/{measure}/{mid}
*** delete the information about {measure} identified by {mid} for person {id}	
	http://localhost:5500/vLifeCoachService/person/757/weight/702
Response:	STATUS 200 OK

GET	/measures
*** Get the list of measure types supported by the application	
	http://localhost:5500/vLifeCoachService/measures
Response:	<pre> <measureTypes> <measuretype> <measure>weight</measure> </measuretype> <measuretype> <measure>walkingsteps</measure> </measuretype> <measuretype> <measure>bloodpressure</measure> </measuretype> <measuretype> <measure>sleepinghours</measure> </measuretype> </measureTypes> </pre>

PERSON GOALS

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

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

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

DELETE	/goal/{id}/{gid}
*** delete the goal identified by {gid} of person {id}	
	http://localhost:5500/vLifeCoachService/goal/1/351
Response:	STATUS 200 OK

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

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

PERSON REMINDERS

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

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

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

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

Response:	<pre> <reminder> <reminderId>301</reminderId> <description>Go to SPA Maputo Shopping</description> <type>monthly</type> <mDay>27</mDay> <created>30-01-2015</created> </reminder> </pre>
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DELETE	/reminder/{id}/{rid}
*** delete the reminder identified by {rid} of person {id}	
	http://localhost:5500/vLifeCoachService/reminder/1/301
Response:	STATUS 200 OK

PERSON TRACKINGS

GET	/persontrack/reminders/{personId}
*** return todays reminders for {personId}	
	http://localhost:5500/vLifeCoachService/persontrack/reminders/1
Response:	<pre> <reminder1s> <reminder> <reminderId>356</reminderId> <description>Go to doctor appointment</description> <type>specific_date</type> <sDate>10-02-2015</sDate> <created>30-01-2015</created> </reminder> <reminder> <reminderId>352</reminderId> <description>Go to walk at 5pm</description> <type>daily</type> <created>10-02-2015</created> </reminder> <reminder> <reminderId>355</reminderId> <description>Measure weight before sleep</description> <type>weekly</type> <wDay>Tuesday</wDay> <created>30-01-2015</created> </reminder> </reminder1s> </pre>

GET	/persontrack/goals/{personId}
*** return todays achieved goals for {personId}	
	http://localhost:5500/vLifeCoachService/persontrack/goals/1
Response:	<pre> <goal> <goalId>352</goalId> <value>600</value> <measure>walkingsteps</measure> <type>daily</type> <created>30-01-2015</created> </goal> </pre>