



**UNIVERSITY OF TRENTO**  
**DISI**

M.Sc in Computer Science

Introduction to Service Design and Engineering

Final project API documentation

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## Virtual LifeCoach Services API documentation

29 of the Services that are implemented in the project are described in the table below:-

NO	Attribute	Content
1	Service link	<a href="http://localhost:5900/projectsdeone/person/1/GeneralCurrentStatus">http://localhost:5900/projectsdeone/person/1/GeneralCurrentStatus</a>
	Method	GET
	Description	<p>This API gives the general current information about person with id number 1. The information that it provide are</p> <ol style="list-style-type: none"> <li>Information from daily report service <ul style="list-style-type: none"> <li>✓ Here it compare the goal activity with daily activity and generate status whether the person achieve his todays goal or not.</li> <li>✓ It provide today reminder for the specific person</li> <li>✓ It also provide motivational phrases to inspire the person in his daily activity</li> </ul> </li> <li>Information from bmiStutes service <ul style="list-style-type: none"> <li>✓ It calculates the bmi and compares the value with healthy measure service.</li> <li>✓ it uses External SOAP service to change his weight and height in pounds and feet respectively .</li> <li>✓ Finally it give recommendation based on bmi and healthy measure services</li> </ul> </li> <li>Information from healthprofile service <ul style="list-style-type: none"> <li>✓ It compare his current health profile with his health profile goal and give a report on his achievement</li> </ul> </li> <li>Information form reminder Service <ul style="list-style-type: none"> <li>✓ It provide things that need to be remind for today</li> </ul> </li> </ol>
	Output	<pre>&lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;generalCurrentStatus&gt;   &lt;dailRreport&gt;     &lt;dailyGoalActivityReport&gt;       &lt;activitystatus&gt;failed to try&lt;/activitystatus&gt;       &lt;activitytype&gt;run&lt;/activitytype&gt;       &lt;activityvalue&gt;0.0&lt;/activityvalue&gt;       &lt;plandactivityvalue&gt;30.0&lt;/plandactivityvalue&gt;     &lt;/dailyGoalActivityReport&gt;     &lt;dailyGoalActivityReport&gt;       &lt;activitystatus&gt;Goal achived and outperformed&lt;/activitystatus&gt;       &lt;activitytype&gt;walk&lt;/activitytype&gt;       &lt;activityvalue&gt;40.0&lt;/activityvalue&gt;       &lt;plandactivityvalue&gt;30.0&lt;/plandactivityvalue&gt;     &lt;/dailyGoalActivityReport&gt;     &lt;dailyGoalActivityReport&gt;       &lt;activitystatus&gt;Goal achived and outperformed&lt;/activitystatus&gt;       &lt;activitytype&gt;walk&lt;/activitytype&gt;       &lt;activityvalue&gt;40.0&lt;/activityvalue&gt;       &lt;plandactivityvalue&gt;30.0&lt;/plandactivityvalue&gt;     &lt;/dailyGoalActivityReport&gt;   &lt;/dailRreport&gt;   &lt;motivationalphrase&gt;"Age is no barrier. It's a limitation you put on your</pre>

		<p>mind." – Jackie Joyner-Kersey&lt;/motivationalphrase&gt;</p> <pre> &lt;reminder&gt;   &lt;date&gt;2015-06-19T00:00:00+02:00&lt;/date&gt;   &lt;id&gt;     &lt;numberofremindperday&gt;19&lt;/numberofremindperday&gt;     &lt;pid&gt;1&lt;/pid&gt;   &lt;/id&gt;   &lt;toberemind&gt;go to doctor&lt;/toberemind&gt; &lt;/reminder&gt; &lt;/dailyReport&gt; &lt;healthprofileGoalStatuschecker&gt;   &lt;hgoaldate&gt;2015-07-19T00:00:00+02:00&lt;/hgoaldate&gt;   &lt;hgvalue&gt;75.0&lt;/hgvalue&gt;   &lt;hprofiledate&gt;2015-03-04T00:00:00+01:00&lt;/hprofiledate&gt;   &lt;hpvalue&gt;80.0&lt;/hpvalue&gt;   &lt;mmeasure&gt;weight&lt;/mmeasure&gt;   &lt;status&gt;You are above your goal by 5.0&lt;/status&gt; &lt;/healthprofileGoalStatuschecker&gt; &lt;healthymeasureStatus&gt;   &lt;measuretype&gt;Bmi&lt;/measuretype&gt;   &lt;recomendation&gt;Your Bmi is 27.358845, You weight 176.37 pounds, Your height in feet is 5.61. To have Normal Bmi, Decrease weight by managing your diet and making exercise&lt;/recomendation&gt;   &lt;status&gt;above normal&lt;/status&gt; &lt;/healthymeasureStatus&gt; &lt;/generalCurrentStatus&gt; </pre>
2		
	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/1/DailyReport">http://localhost:5900/projectsdeone/person/1/DailyReport</a>
	<b>Method</b>	GET
	<b>Description</b>	<p>This API gives the Daily activity report of a person with id number 1. The information that it provide are</p> <ol style="list-style-type: none"> <li>1. It provide daily Report <ul style="list-style-type: none"> <li>✓ Here it compare the goal activity with daily activity and generate status whether the person achieve his todays goal or not.</li> </ul> </li> <li>2. It provide motivational phrases to inspire the person in his daily activity</li> <li>3. It provide today reminder for the specific person</li> </ol>
	<b>Output</b>	<pre> &lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;dailyReport&gt;   &lt;dailyGoalActivityReport&gt;     &lt;activitystatus&gt;failed to try&lt;/activitystatus&gt;     &lt;activitytype&gt;run&lt;/activitytype&gt;     &lt;activityvalue&gt;0.0&lt;/activityvalue&gt;     &lt;plandactivityvalue&gt;30.0&lt;/plandactivityvalue&gt;   &lt;/dailyGoalActivityReport&gt;   &lt;dailyGoalActivityReport&gt;     &lt;activitystatus&gt;Goal achived and outperformed&lt;/activitystatus&gt; </pre>

		<pre> &lt;activitytype&gt;walk&lt;/activitytype&gt; &lt;activityvalue&gt;40.0&lt;/activityvalue&gt; &lt;plandactivityvalue&gt;30.0&lt;/plandactivityvalue&gt; &lt;/dailyGoalActivityReport&gt; &lt;dailyGoalActivityReport&gt;   &lt;activitystatus&gt;Goal achived and outperformed&lt;/activitystatus&gt;   &lt;activitytype&gt;walk&lt;/activitytype&gt;   &lt;activityvalue&gt;40.0&lt;/activityvalue&gt;   &lt;plandactivityvalue&gt;30.0&lt;/plandactivityvalue&gt; &lt;/dailyGoalActivityReport&gt; &lt;motivationalphrase&gt;"Age is no barrier. It's a limitation you put on your mind." – Jackie Joyner-Kersey&lt;/motivationalphrase&gt; &lt;reminder&gt;   &lt;date&gt;2015-06-19T00:00:00+02:00&lt;/date&gt;   &lt;id&gt;     &lt;numberofremdperday&gt;19&lt;/numberofremdperday&gt;     &lt;pid&gt;1&lt;/pid&gt;   &lt;/id&gt;   &lt;toberemind&gt;go to doctor&lt;/toberemind&gt; &lt;/reminder&gt; &lt;/dailyReport&gt; </pre>
3	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/1/bmistatus">http://localhost:5900/projectsdeone/person/1/bmistatus</a>
	<b>Method</b>	GET
	<b>Description</b>	<p>This API gives the BMI status of a person with id number 1. The information that it provide is</p> <ol style="list-style-type: none"> <li>1. It give recommendation based on bmi and healthy measure Information from bmi service and healthymeasurestatus service</li> <li>2. It uses External SOAP service to change his weight and height in pounds and feet respectively .</li> </ol>
	<b>Output</b>	<pre> &lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;healthymeasureStatus&gt;   &lt;measuretype&gt;Bmi&lt;/measuretype&gt;   &lt;recomendation&gt;Your Bmi is 27.358845, You weight 176.37 pounds, Your height in feet is 5.61. To have Normal Bmi, Decrease weight by managing your diet and making exercise&lt;/recomendation&gt;   &lt;status&gt;above normal&lt;/status&gt; &lt;/healthymeasureStatus&gt; </pre>
4	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/1/bmi/">http://localhost:5900/projectsdeone/person/1/bmi/</a>
	<b>Method</b>	GET
	<b>Description</b>	<p>This service will calculate the bmi of the person with id number 1 It call healthprofile service for both weight and height of the the peson and it calculate the bmi of the person</p>
	<b>Output</b>	<pre> &lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;bodymassindex&gt;   &lt;bmi&gt;27.358845&lt;/bmi&gt; </pre>

		</bodymassindex>
5	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/1/Activitygoal">http://localhost:5900/projectsdeone/person/1/Activitygoal</a>
	<b>Method</b>	GET
	<b>Description</b>	This service will retrieve the activity goal of a person with id number 1
	<b>Output</b>	<pre>&lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;activitygoals&gt;   &lt;activitygoal&gt;     &lt;agenddate&gt;2015-03-24T00:00:00+01:00&lt;/agenddate&gt;     &lt;agperday&gt;1&lt;/agperday&gt;     &lt;agvalue&gt;70.0&lt;/agvalue&gt;     &lt;id agmeasurement="walk" agstartdate="2015-03-24T00:00:00+01:00" pid="1"/&gt;   &lt;/activitygoal&gt;   &lt;activitygoal&gt;     &lt;agenddate&gt;2015-04-03T00:00:00+02:00&lt;/agenddate&gt;     &lt;agperday&gt;1&lt;/agperday&gt;     &lt;agvalue&gt;30.0&lt;/agvalue&gt;     &lt;id agmeasurement="walk" agstartdate="2015-04-01T00:00:00+02:00" pid="1"/&gt;   &lt;/activitygoal&gt;   &lt;activitygoal&gt;     &lt;agenddate&gt;2015-07-03T00:00:00+02:00&lt;/agenddate&gt;     &lt;agperday&gt;1&lt;/agperday&gt;     &lt;agvalue&gt;30.0&lt;/agvalue&gt;     &lt;id agmeasurement="walk" agstartdate="2015-05-01T00:00:00+02:00" pid="1"/&gt;   &lt;/activitygoal&gt; &lt;/activitygoals&gt;</pre>
6	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/1/Activitygoal/Today">http://localhost:5900/projectsdeone/person/1/Activitygoal/Today</a>
	<b>Method</b>	GET
	<b>Description</b>	This service will retrieve the activity goal that the person with id number 1 set for today.
	<b>Output</b>	<pre>&lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;activitygoals&gt;   &lt;activitygoal&gt;     &lt;agenddate&gt;2015-07-03T00:00:00+02:00&lt;/agenddate&gt;     &lt;agperday&gt;1&lt;/agperday&gt;     &lt;agvalue&gt;30.0&lt;/agvalue&gt;     &lt;id agmeasurement="run" agstartdate="2015-06-01T00:00:00+02:00" pid="1"/&gt;   &lt;/activitygoal&gt;   &lt;activitygoal&gt;     &lt;agenddate&gt;2015-07-03T00:00:00+02:00&lt;/agenddate&gt;     &lt;agperday&gt;1&lt;/agperday&gt;     &lt;agvalue&gt;30.0&lt;/agvalue&gt;     &lt;id agmeasurement="walk" agstartdate="2015-05-01T00:00:00+02:00" pid="1"/&gt;   &lt;/activitygoal&gt; &lt;/activitygoals&gt;</pre>

		</activitygoal> </activitygoals>
7	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/1/Activity">http://localhost:5900/projectsdeone/person/1/Activity</a>
	<b>Method</b>	GET
	<b>Description</b>	This service will retrieve all the activity that person with id number 1 perform
	<b>Output</b>	<pre>&lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;personalactivities&gt;   &lt;personalactivity&gt;     &lt;id&gt;       &lt;padate&gt;2015-03-03T00:00:00+01:00&lt;/padate&gt;       &lt;pameasurement&gt;walk&lt;/pameasurement&gt;       &lt;pid&gt;1&lt;/pid&gt;     &lt;/id&gt;     &lt;pavalue&gt;40&lt;/pavalue&gt;   &lt;/personalactivity&gt;   &lt;personalactivity&gt;     &lt;id&gt;       &lt;padate&gt;2015-04-03T00:00:00+02:00&lt;/padate&gt;       &lt;pameasurement&gt;walk&lt;/pameasurement&gt;       &lt;pid&gt;1&lt;/pid&gt;     &lt;/id&gt;     &lt;pavalue&gt;30&lt;/pavalue&gt;   &lt;/personalactivity&gt;   &lt;personalactivity&gt;     &lt;id&gt;       &lt;padate&gt;2015-06-17T00:00:00+02:00&lt;/padate&gt;       &lt;pameasurement&gt;walk&lt;/pameasurement&gt;       &lt;pid&gt;1&lt;/pid&gt;     &lt;/id&gt;     &lt;pavalue&gt;40&lt;/pavalue&gt;   &lt;/personalactivity&gt; &lt;/personalactivities&gt;</pre>
8	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/1/Activity/Today">http://localhost:5900/projectsdeone/person/1/Activity/Today</a>
	<b>Method</b>	GET
	<b>Description</b>	This service will retrieve all today's activities that person with id number 1 perform
	<b>Output</b>	<pre>&lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;personalactivities&gt;   &lt;personalactivity&gt;     &lt;id&gt;       &lt;padate&gt;2015-06-19T00:00:00+02:00&lt;/padate&gt;       &lt;pameasurement&gt;walk&lt;/pameasurement&gt;       &lt;pid&gt;1&lt;/pid&gt;     &lt;/id&gt;     &lt;pavalue&gt;40&lt;/pavalue&gt;   &lt;/personalactivity&gt; &lt;/personalactivities&gt;</pre>

9	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/1/PAGstatus">http://localhost:5900/projectsdeone/person/1/PAGstatus</a>
	<b>Method</b>	GET
	<b>Description</b>	This service provide information whether the person achieve his activity goal or not for each date that the person set.
	<b>Output</b>	<pre> &lt;personalActivityGoalStatusChecks&gt;   &lt;personalActivityGoalStatusCheck&gt;     &lt;activity&gt;run&lt;/activity&gt;     &lt;activityEndDate&gt;2015-07-03T00:00:00+02:00&lt;/activityEndDate&gt;     &lt;activityStartDate&gt;2015-06-01T00:00:00+02:00&lt;/activityStartDate&gt;     &lt;dailyactivities&gt;       &lt;activitydate&gt;2015-06-01T00:00:00+02:00&lt;/activitydate&gt;       &lt;activitystatus&gt;failld&lt;/activitystatus&gt;       &lt;activitytype&gt;run&lt;/activitytype&gt;       &lt;activityvalue&gt;0.0&lt;/activityvalue&gt;       &lt;sid&gt;1_Orun&lt;/sid&gt;     &lt;/dailyactivities&gt;     &lt;dailyactivities&gt;       &lt;activitydate&gt;2015-06-02T00:00:00+02:00&lt;/activitydate&gt;       &lt;activitystatus&gt;failld&lt;/activitystatus&gt;       &lt;activitytype&gt;run&lt;/activitytype&gt;       &lt;activityvalue&gt;0.0&lt;/activityvalue&gt;       &lt;sid&gt;1_Orun&lt;/sid&gt;     &lt;/dailyactivities&gt;     &lt;dailyactivities&gt;       &lt;activitydate&gt;2015-06-03T00:00:00+02:00&lt;/activitydate&gt;       &lt;activitystatus&gt;failld&lt;/activitystatus&gt;       &lt;activitytype&gt;run&lt;/activitytype&gt;       &lt;activityvalue&gt;0.0&lt;/activityvalue&gt;       &lt;sid&gt;1_Orun&lt;/sid&gt;     &lt;/dailyactivities&gt;   &lt;/personalActivityGoalStatusCheck&gt; &lt;/personalActivityGoalStatusChecks&gt; </pre>
10	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/1/Healthprofile">http://localhost:5900/projectsdeone/person/1/Healthprofile</a>
	<b>Method</b>	GET
	<b>Description</b>	This service will provide current health profile of the person with id number 1
	<b>Output</b>	<pre> &lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;healthprofiles&gt;   &lt;healthprofile&gt;     &lt;id&gt;       &lt;pid&gt;1&lt;/pid&gt;       &lt;pmeasurement&gt;height&lt;/pmeasurement&gt;     &lt;/id&gt;     &lt;pdate&gt;2015-01-04T00:00:00+01:00&lt;/pdate&gt;     &lt;pvalue&gt;1.71&lt;/pvalue&gt;   &lt;/healthprofile&gt;   &lt;healthprofile&gt;     &lt;id&gt;       &lt;pid&gt;1&lt;/pid&gt; </pre>

		<pre>         &lt;pmeasurement&gt;weight&lt;/pmeasurement&gt;       &lt;/id&gt;       &lt;pdate&gt;2015-03-04T00:00:00+01:00&lt;/pdate&gt;       &lt;pvalue&gt;80.0&lt;/pvalue&gt;     &lt;/healthprofile&gt;   &lt;/healthprofiles&gt; </pre>
11	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/1/Healthprofile/height">http://localhost:5900/projectsdeone/person/1/Healthprofile/height</a> (weight)
	<b>Method</b>	GET
	<b>Description</b>	This service provide the current height ( weight) of the person with id number 1
	<b>Output</b>	
12	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/1/Healthprofilegoal">http://localhost:5900/projectsdeone/person/1/Healthprofilegoal</a>
	<b>Method</b>	GET
	<b>Description</b>	This service provide the health profile goal that the person with id number 1 set
	<b>Output</b>	<pre> &lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;healthprofilegoals&gt;   &lt;healthprofilegoal&gt;     &lt;goalvalue&gt;75.0&lt;/goalvalue&gt;     &lt;id&gt;       &lt;gmeasurement&gt;weight&lt;/gmeasurement&gt;       &lt;goaldate&gt;2015-07-19T00:00:00+02:00&lt;/goaldate&gt;       &lt;pid&gt;1&lt;/pid&gt;     &lt;/id&gt;   &lt;/healthprofilegoal&gt; &lt;/healthprofilegoals&gt; </pre>
13	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/1/Healthprofilegoal/weight">http://localhost:5900/projectsdeone/person/1/Healthprofilegoal/weight</a>
	<b>Method</b>	GET
	<b>Description</b>	This service provide the goal that the person with id number 1 set for his weight
	<b>Output</b>	
14	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/1/Hpgoalstatus">http://localhost:5900/projectsdeone/person/1/Hpgoalstatus</a>
	<b>Method</b>	GET
	<b>Description</b>	This service provide the health profile status by calculating the health profile goal and current health profile
	<b>Output</b>	<pre> &lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;healthprofileGoalstatuscheckers&gt;   &lt;healthprofileGoalstatuschecker&gt;     &lt;hgoaldate&gt;2015-07-19T00:00:00+02:00&lt;/hgoaldate&gt;     &lt;hgvalue&gt;75.0&lt;/hgvalue&gt;     &lt;hprofiledate&gt;2015-03-04T00:00:00+01:00&lt;/hprofiledate&gt;     &lt;hpvalue&gt;80.0&lt;/hpvalue&gt;     &lt;mmeasure&gt;weight&lt;/mmeasure&gt;     &lt;status&gt;You are above your goal by 5.0&lt;/status&gt;   &lt;/healthprofileGoalstatuschecker&gt; &lt;/healthprofileGoalstatuscheckers&gt; </pre>



15	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/1/Reminder/">http://localhost:5900/projectsdeone/person/1/Reminder/</a>
	<b>Method</b>	GET
	<b>Description</b>	This service provide all things(past and present) that need be remind for person with id number 1
	<b>Output</b>	<pre>&lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;reminders&gt;   &lt;reminder&gt;     &lt;date&gt;2015-06-01T00:00:00+02:00&lt;/date&gt;     &lt;id&gt;       &lt;numberofremdperday&gt;1&lt;/numberofremdperday&gt;       &lt;pid&gt;1&lt;/pid&gt;     &lt;/id&gt;     &lt;toberemind&gt;go to doctor&lt;/toberemind&gt;   &lt;/reminder&gt;   &lt;reminder&gt;     &lt;date&gt;2015-06-23T00:00:00+02:00&lt;/date&gt;     &lt;id&gt;       &lt;numberofremdperday&gt;2&lt;/numberofremdperday&gt;       &lt;pid&gt;1&lt;/pid&gt;     &lt;/id&gt;     &lt;toberemind&gt;go to museum&lt;/toberemind&gt;   &lt;/reminder&gt; &lt;/reminders&gt;</pre>
16	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/1/Reminder/Tobe">http://localhost:5900/projectsdeone/person/1/Reminder/Tobe</a>
	<b>Method</b>	GET
	<b>Description</b>	This service provide things to be remind for today and future for person with id number 1
17	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/1/Reminder/Today">http://localhost:5900/projectsdeone/person/1/Reminder/Today</a>
	<b>Method</b>	GET
	<b>Description</b>	This service provide things to be remind for today only
18	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/Motivationalphras">http://localhost:5900/projectsdeone/Motivationalphras</a>
	<b>Method</b>	GET
	<b>Description</b>	List all possible motivational phrases from the database
	<b>Output</b>	<pre>&lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;motivationalphras&gt;   &lt;motivationalphras&gt;     &lt;mid&gt;1&lt;/mid&gt;     &lt;motivationph&gt;"Age is no barrier. It's a limitation you put on your mind." – Jackie Joyner-Kersey&lt;/motivationph&gt;   &lt;/motivationalphras&gt;</pre>
19	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/HealthyMeasurement">http://localhost:5900/projectsdeone/HealthyMeasurement</a>

	<b>Method</b>	GET
	<b>Description</b>	This service provide all the healthy measurement found in the database
	<b>Output</b>	<pre>&lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;healthymeasures&gt;   &lt;healthymeasure&gt;     &lt;nmaxvalue&gt;25.0&lt;/nmaxvalue&gt;     &lt;nmeasurement&gt;bmi&lt;/nmeasurement&gt;     &lt;nminvalue&gt;18.5&lt;/nminvalue&gt;   &lt;/healthymeasure&gt;   &lt;healthymeasure&gt;     &lt;nmaxvalue&gt;80.0&lt;/nmaxvalue&gt;     &lt;nmeasurement&gt;dpb&lt;/nmeasurement&gt;     &lt;nminvalue&gt;80.0&lt;/nminvalue&gt;   &lt;/healthymeasure&gt;</pre>
20	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/">http://localhost:5900/projectsdeone/person/</a>
	<b>Method</b>	POST
	<b>Description</b>	This service will add new user to the database
	<b>Input structure</b>	<pre>&lt;personprofile&gt;   &lt;dofb&gt;2005-03-10T00:00:00+01:00&lt;/dofb&gt;   &lt;fname&gt;Alex&lt;/fname&gt;   &lt;lname&gt;Henok&lt;/lname&gt;   &lt;pid&gt;12&lt;/pid&gt;   &lt;sex&gt;M&lt;/sex&gt; &lt;/personprofile&gt;</pre>
	<b>Output</b>	<pre>&lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;personprofile&gt;   &lt;dofb&gt;2005-03-10T00:00:00+01:00&lt;/dofb&gt;   &lt;fname&gt;Alex&lt;/fname&gt;   &lt;lname&gt;Henok&lt;/lname&gt;   &lt;pid&gt;12&lt;/pid&gt;   &lt;sex&gt;M&lt;/sex&gt; &lt;/personprofile&gt;</pre>
21	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/12/Healthprofile">http://localhost:5900/projectsdeone/person/12/Healthprofile</a>
	<b>Method</b>	POST
	<b>Description</b>	This service will add new healthprofile to the person with id number 12
	<b>input</b>	<pre>&lt;healthprofile&gt;   &lt;id&gt;     &lt;pid&gt;12&lt;/pid&gt;     &lt;pmeasurement&gt;weight&lt;/pmeasurement&gt;   &lt;/id&gt;   &lt;pdate&gt;2015-01-04T00:00:00+01:00&lt;/pdate&gt;   &lt;pvalue&gt;70&lt;/pvalue&gt; &lt;/healthprofile&gt;</pre>
	<b>Output</b>	<pre>&lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;healthprofile&gt;</pre>

		<pre> &lt;id&gt;   &lt;pid&gt;12&lt;/pid&gt;   &lt;pmeasurement&gt;weight&lt;/pmeasurement&gt; &lt;/id&gt; &lt;pdate&gt;2015-01-04T00:00:00+01:00&lt;/pdate&gt; &lt;pvalue&gt;70.0&lt;/pvalue&gt; &lt;/healthprofile&gt; </pre>
22	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/12/Activity">http://localhost:5900/projectsdeone/person/12/Activity</a>
	<b>Method</b>	POST
	<b>Description</b>	This service will add new activity to the person with id number 12
	<b>input</b>	<pre> &lt;personalactivity&gt;   &lt;id&gt;     &lt;pdate&gt;2015-06-19T00:00:00+01:00&lt;/pdate&gt;     &lt;pmeasurement&gt;walk&lt;/pmeasurement&gt;     &lt;pid&gt;12&lt;/pid&gt;   &lt;/id&gt;   &lt;pvalue&gt;40&lt;/pvalue&gt; &lt;/personalactivity&gt; </pre>
	<b>Output</b>	<pre> &lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;personalactivity&gt;   &lt;id&gt;     &lt;pdate&gt;2015-06-19T01:00:00+02:00&lt;/pdate&gt;     &lt;pmeasurement&gt;walk&lt;/pmeasurement&gt;     &lt;pid&gt;12&lt;/pid&gt;   &lt;/id&gt;   &lt;pvalue&gt;40&lt;/pvalue&gt; &lt;/personalactivity&gt; </pre>
23	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/12/Activitygoal">http://localhost:5900/projectsdeone/person/12/Activitygoal</a>
	<b>Method</b>	POST
	<b>Description</b>	This service will add new activity goal to the person with id number 12
	<b>Input structure</b>	<pre> &lt;activitygoal&gt;   &lt;agenddate&gt;2015-07-03T00:00:00+02:00&lt;/agenddate&gt;   &lt;agperday&gt;12&lt;/agperday&gt;   &lt;agvalue&gt;30.0&lt;/agvalue&gt;   &lt;id agmeasurement="run" agstartdate="2015-06-01T00:00:00+02:00" pid="12"/&gt; &lt;/activitygoal&gt; </pre>
	<b>Output</b>	<pre> &lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;activitygoal&gt;   &lt;agenddate&gt;2015-07-03T00:00:00+02:00&lt;/agenddate&gt;   &lt;agperday&gt;12&lt;/agperday&gt;   &lt;agvalue&gt;30.0&lt;/agvalue&gt;   &lt;id agmeasurement="run" agstartdate="2015-06-01T00:00:00+02:00" pid="12"/&gt; &lt;/activitygoal&gt; </pre>
24	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/12/Healthprofilegoal">http://localhost:5900/projectsdeone/person/12/Healthprofilegoal</a>

	<b>Method</b>	POST
	<b>Description</b>	This service will add new healthprofile goal to the person with id number 12
	<b>Input structure</b>	<pre>&lt;healthprofilegoal&gt;   &lt;goalvalue&gt;70&lt;/goalvalue&gt;   &lt;id&gt;     &lt;gmeasurement&gt;weight&lt;/gmeasurement&gt;     &lt;goaldate&gt;2015-07-19T00:00:00+02:00&lt;/goaldate&gt;     &lt;pid&gt;12&lt;/pid&gt;   &lt;/id&gt; &lt;/healthprofilegoal&gt;</pre>
	<b>Output</b>	<pre>&lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;healthprofilegoal&gt;   &lt;goalvalue&gt;70.0&lt;/goalvalue&gt;   &lt;id&gt;     &lt;gmeasurement&gt;weight&lt;/gmeasurement&gt;     &lt;goaldate&gt;2015-07-19T00:00:00+02:00&lt;/goaldate&gt;     &lt;pid&gt;12&lt;/pid&gt;   &lt;/id&gt; &lt;/healthprofilegoal&gt;</pre>
25	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/12/Reminder/">http://localhost:5900/projectsdeone/person/12/Reminder/</a>
	<b>Method</b>	POST
	<b>Description</b>	This service will add new reminder to the person with id number 12
	<b>Input structure</b>	<pre>&lt;reminder&gt;   &lt;date&gt;2015-06-19T00:00:00+02:00&lt;/date&gt;   &lt;id&gt;     &lt;numberofremdperday&gt;19&lt;/numberofremdperday&gt;     &lt;pid&gt;12&lt;/pid&gt;   &lt;/id&gt;   &lt;toberemind&gt;go to doctor&lt;/toberemind&gt; &lt;/reminder&gt;</pre>
26	<b>Output</b>	<pre>&lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;reminder&gt;   &lt;date&gt;2015-06-19T00:00:00+02:00&lt;/date&gt;   &lt;id&gt;     &lt;numberofremdperday&gt;19&lt;/numberofremdperday&gt;     &lt;pid&gt;12&lt;/pid&gt;   &lt;/id&gt;   &lt;toberemind&gt;go to doctor&lt;/toberemind&gt; &lt;/reminder&gt;</pre>
	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/12/">http://localhost:5900/projectsdeone/person/12/</a>
	<b>Method</b>	PUT
	<b>Description</b>	This service will update profile of the person with id number 12
	<b>input</b>	<pre>&lt;personprofile&gt;   &lt;dofb&gt;2005-03-10T00:00:00+01:00&lt;/dofb&gt;   &lt;fname&gt;Helen&lt;/fname&gt;   &lt;lname&gt;Zeman&lt;/lname&gt;</pre>

		<pre>&lt;pid&gt;12&lt;/pid&gt; &lt;sex&gt;F&lt;/sex&gt; &lt;/personprofile&gt;</pre>
	<b>output</b>	<pre>&lt;?xml version="1.0" encoding="UTF-8" standalone="yes"?&gt; &lt;personprofile&gt;   &lt;dofb&gt;2005-03-10T00:00:00+01:00&lt;/dofb&gt;   &lt;fname&gt;Helen&lt;/fname&gt;   &lt;lname&gt;Zeman&lt;/lname&gt;   &lt;pid&gt;12&lt;/pid&gt;   &lt;sex&gt;F&lt;/sex&gt;</pre>
27	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/1/Healthprofile">http://localhost:5900/projectsdeone/person/1/Healthprofile</a>
	<b>Method</b>	PUT
	<b>Description</b>	This service will update the healthprofile of the person with id number 1
28	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/12/">http://localhost:5900/projectsdeone/person/12/</a>
	<b>Method</b>	DELETE
	<b>Description</b>	This service will delete the person who has id number 12
29	<b>Service link</b>	<a href="http://localhost:5900/projectsdeone/person/1/Healthprofile/weight">http://localhost:5900/projectsdeone/person/1/Healthprofile/weight</a> (height)
	<b>Method</b>	DELETE
	<b>Description</b>	This service will delete current health profile specifically the weigh(height)t one