Autonomic SLA Management as a Service

PhD Project Plan				
	Project Task	Duration (months)	Start	Finish
1	**Literature Review and Analysis of SLAs, KPIs and QoS for Cloud Computing.**	4	October-12	January-13
◆	Review on established SLAs, SLOs and KPI.			
◆	Generate a Frame-SLA guideline document for Cloud Computing.			
◆	Literature report on current state of the art SLAs for Cloud Computing.			
◆	Journal/Conference Paper			
2	**Analysis of Cloud-, VM-, and Monitoring Interfaces**	3	February-13	April-13
◆	Definition of SLA management interfaces			
◆	Research on QoS management interfaces			
3	**Research in the Specification and Extension of SLA & SLO Languages**	3	May-13	July-13
◆	Journal/Conference Paper			
4	**Analysis of QoS Monitoring & SLA Compliance and Management**	8	August-13	March-14
◆	Identify monitoring agents & interfaces			
◆	Investigate additional information gathering agents			
◆	RDC.2			
5	**Architecture for Autonomic SLA Management**	5	April-14	August-14
◆	Architecture specification			
◆	Journal/Conference Paper			
6	**Development of the SLA-Management and SLA-Adaptation Prototype**	11	July-14	May-15
◆	Develop and integrate management modules			
◆	Paper - Journal/Conference			
7	**Evaluation**	5	March-15	July-15
◆	Definition and evaluation of use cases			
◆	Evaluation result report.			
8	**Write-up of PhD Thesis**	5	May-15	October-15

Timeline columns: October 1, 2012; November 1, 2012; December 1, 2012 (2012) — January 1, 2013; February 1, 2013; March 1, 2013; April 1, 2013; May 1, 2013; June 1, 2013; July 1, 2013; August 1, 2013; September 1, 2013; October 1, 2013; November 1, 2013; December 1, 2013 (2013) — January 1, 2014; February 1, 2014; March 1, 2014; April 1, 2014; May 1, 2014; June 1, 2014; July 1, 2014; August 1, 2014; September 1, 2014; October 1, 2014; November 1, 2014; December 1, 2014 (2014) — January 1, 2015; February 1, 2015; March 1, 2015; April 1, 2015; May 1, 2015; June 1, 2015; July 1, 2015; August 1, 2015; September 1, 2015 (2015)