MODEL-DRIVEN APPROACH

GUIDELINES

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PHASE	DELIVERABLES		TO SUBMIT
Requirements	**A.**	**Essential, refined, textual description**	A.zip
	B.	**UML activity diagram of the analysis phase (download the example)**	B.zip
	C.	UML use case diagram for each existing application and for the manual coordination logic (via textual analysis)	Analysis.zip (C,D,E,F,G,H, **SRS.pdf***, **QualityEstimation &Planning.pdf***)
	D.	detailed interaction use case with wireframes, for each existing application (via textual analysis)	
	E.	UML interface-like, analysis class diagrams, for each existing application (candidate services)	
	F.	UML analysis class diagrams for each complex data structure	
	G.	coordination logic via detailed use case (candidate process)	
	H.	UML analysis sequence diagrams produced from D and G	
Design	**I.**	**UML activity diagram of the design phase (download the example)**	I.zip
	J.	SoaML service interface diagrams for each web service	Design.zip (J,K,L,M)
	K.	SoaML sequence diagram for the "protocol" (process logic)	
	L.	UML interface-like class diagrams derived from J. Emulate complex parameters with strings.	
	M.	UML structural class/object diagrams for each complex parameter considered in F	
Implementation Integration	**N.**	**UML activity diagram of implementataion/integration phase (download example)**	N.zip
	O.	Java classes automatically produced from L	Impl+Integ.zip (O,P,Q,R,S,T,U,V)
	P.	XSD/XML produced from M	
	Q.	local orchestration Java code (main procedure) written from K, using O	
	R.	UML sequence diagram generated from Q	
	S.	textual comparative review of K and R	
	T.	Axis WS generated from O	
	U.	XML SOAP messages generated for each test case, via SoapUI	
	V.	Replace each local call in Q with a *SOAPClient.sendMess()* call	
Testing	**W.**	**UML activity diagram of the testing phase (download the example)**	W.zip
	X.	Emulate each service as a stateless "coin flip", answering according to cases and service availability statistics. Emulate complex parameters with mnemonic strings.	Testing.zip (X,Y, **Testing.pdf***)
	Y.	Calculate the overall availability rates of the orchestrated service	
Final Reporting	Z.	Using the JoA, provide a final Gantt chart *phase-against-time* (use the gantt-template)	Z.zip
	The Project Manager delivers a zip file containing the complete report (a single pdf file), the source and the binary code		FinalReporting.zip

(*) Deliverable not related to MDA, concerning theoretical topics held by Prof. Vaglini