



CS251 – Software Engineering I

Dr: Moahmed Al-Ramly

TA: Desouky Abdelqawy

Project: WebService2Code - 2014

Leader: Mostafa Saafan **Contact:** 01069053360

Team:

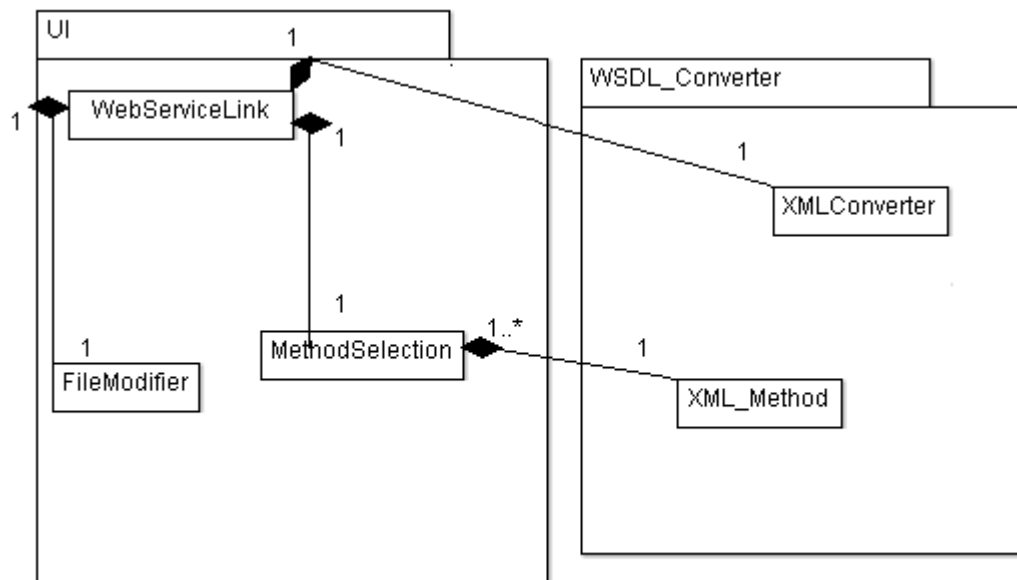
ID	Name	Email	Phone Number
20120530	Mostafa Mohamed Al-Husseiny Saafan	m.m.saafan@gmail.com	01069053360
20120475	Magieda Mohamed Khaled Abaza	magiedaabaza@hotmail.com	01140747406
20120508	Youssef Mohamed Gabr	youssef.gabr@gmail.com	01111227684
20120530	Ahmed Gomaa	ahmed.gsam@gmail.com	01115069171

Document Purpose and Audience

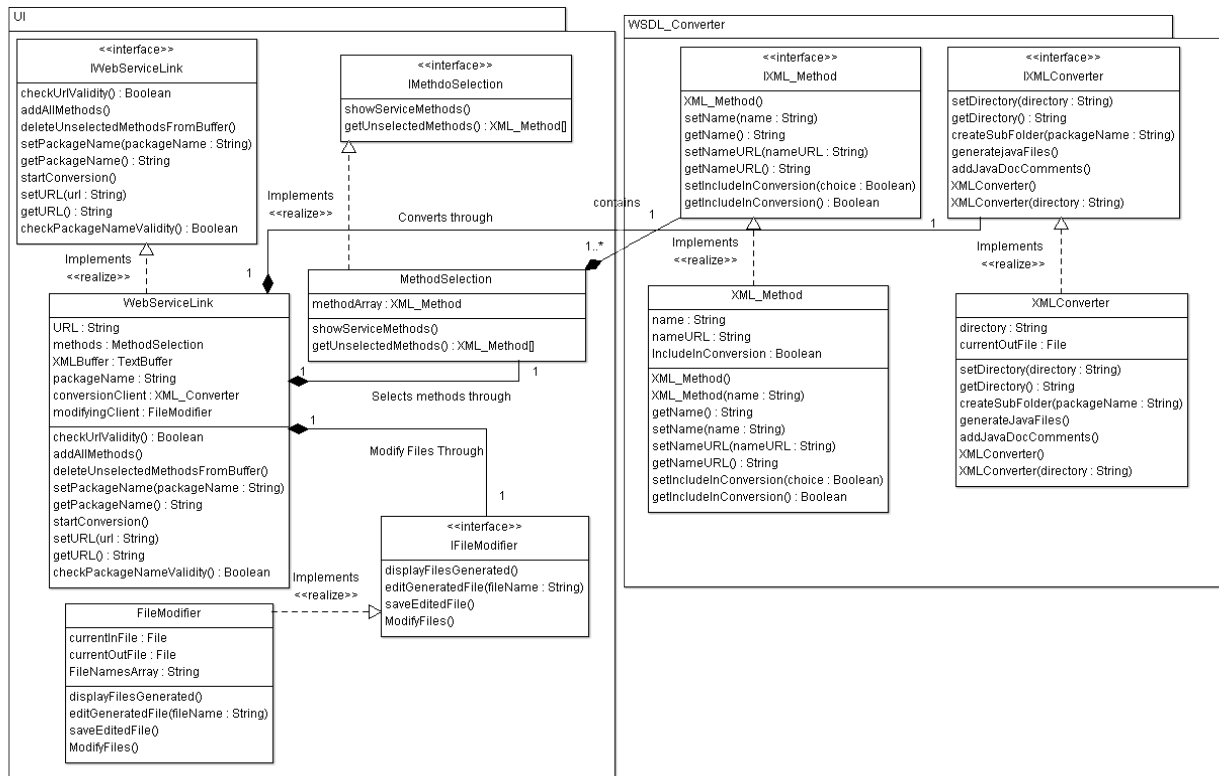
This document shows the System Models, Class Diagrams, Sequence Diagram and tables describing them to give a guide to both the client and the developer.

The audience are the clients and developers.

System Decomposition

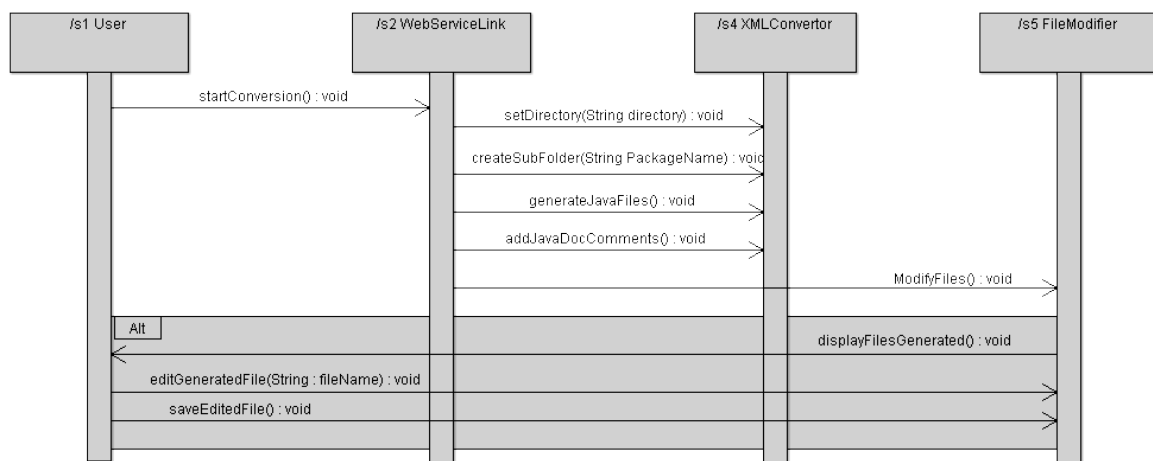
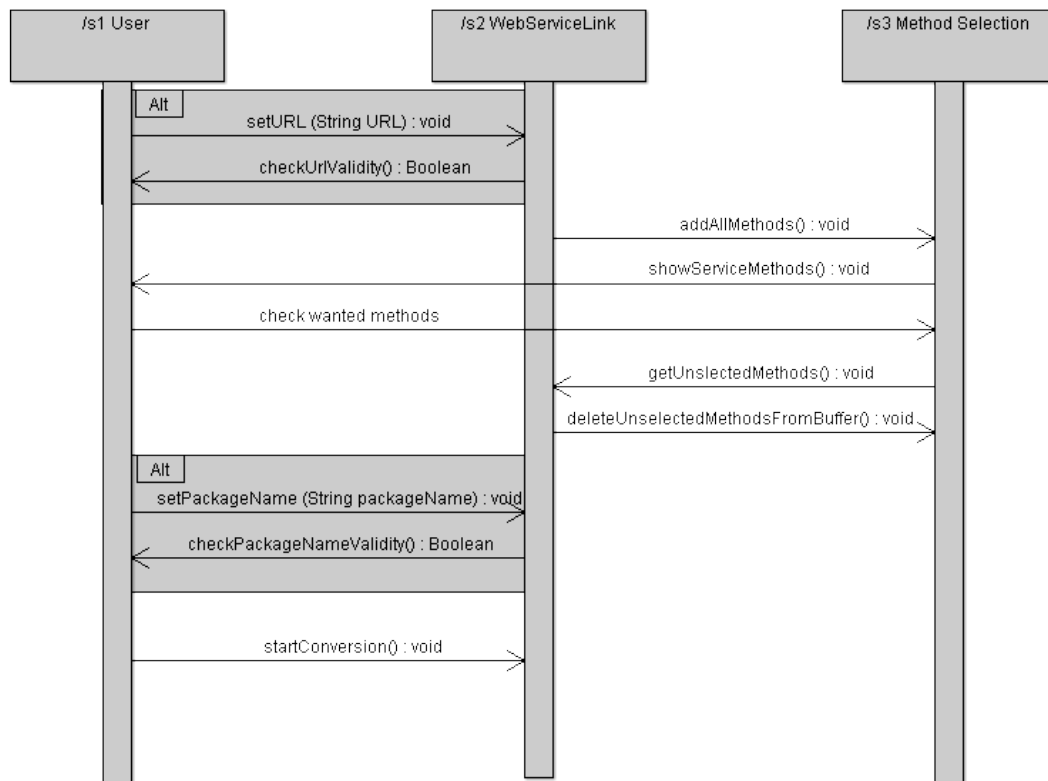


Class Diagram



ClassID	ClassName	SubSystem ID	Description
C1	WebServiceLink	UI	It's the class that runs everything else
C2	XML_Method	WSDL_Converter	It holds xml method name & URL
C3	MethodSelection	UI	Holds an array of XML_Methods, and used to let user select his wanted methods
C4	XMLConverter	WSDL_Converter	Used to generate java files from XML code
C5	FileModifier	UI	Lets the user preview files, alter/modify them

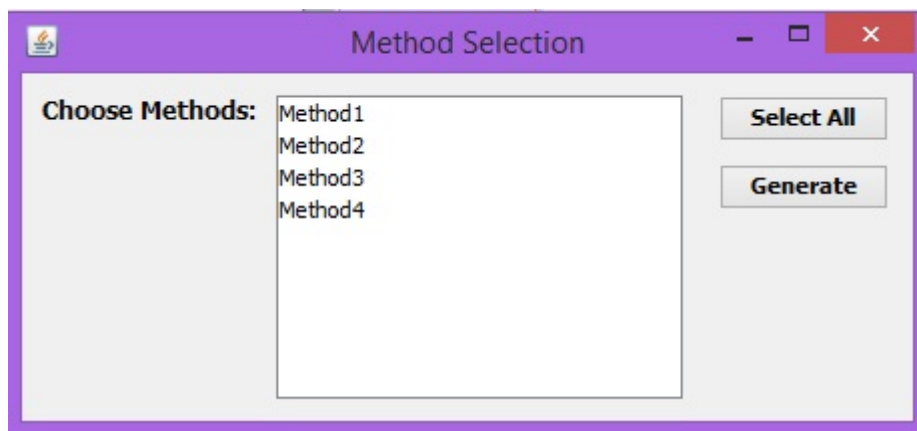
Sequence Diagrams



Class Sequence Usage:

Class Name	Sequence Diagram	Overall used methods
WebServiceLink	s1,s3	setURL, checkUrlValidity, addAllMethods, deleteUnselectedMethodsFromBuffer, setPackageName, startConversion, checkPackageNameValidity
XML_Method	s3	setName, setNamePath, getName, setIncludeInConversion, getIncludeInConversion, getNamePath
MethodSelection	s1,s2	showServiceMethods, getUnselectedMethods
XMLConverter	s2	setDirectory, createSubFolder, generateJavaFiles, addJavaDocComments
FileModifier	s2,s1	ModifyFiles, displayFilesGenerated, editGeneratedFile, SaveEditedFile

User Interface Design



WSDL URL

WSDL URL:

Get XML Code

Next

WSDL2Java

WSDL To Java Code

Generate Edit Files

Ownership Report

Item	Owners
System Decomposition	Youssef Gabr
Class Diagram	Mostafa Saafan & Magieda Abaza
Sequence Diagram	Mostafa Saafan & Ahmed Gomaa
User Interface Design	Ahmed Gomaa