

CSE598 Assignment 4
Abhinav Singh 1206277744

Web Operation 1: Verification

Input:

XML and XSD files with no errors in either of the files.

Output:

TRYIT PAGE FOR XML SERVICES

WEB OPERATION 1: VERIFICATION

WEB OPERATION "VERIFICATION" TAKES THE URL OF AN XML (.XML) FILE AND THE URL OF THE CORRESPONDING XMLS (.XSD) FILE AS INPUT AND VALIDATES THE XML FILE AGAINST THE CORRESPONDING XMLS (XSD) FILE. THE WEB METHOD RETURNS "NO ERROR" OR AN ERROR MESSAGE SHOWING THE AVAILABLE INFORMATION AT THE ERROR POINT.

ENTER THE XML FILE URL:

<http://www.public.asu.edu/~arsingh3/Persons.xml>

ENTER THE XSD FILE URL:

<http://www.public.asu.edu/~arsingh3/Persons.xsd>

VALIDATE XML

RESULT:

NO ERROR

Input:

XML and XSD files with error in the XML files (Removed some of the attributes)

Output:

TRYIT PAGE FOR XML SERVICES

WEB OPERATION 1: VERIFICATION

WEB OPERATION "VERIFICATION" TAKES THE URL OF AN XML (.XML) FILE AND THE URL OF THE CORRESPONDING XMLS (.XSD) FILE AS INPUT AND VALIDATES THE XML FILE AGAINST THE CORRESPONDING XMLS (XSD) FILE. THE WEB METHOD RETURNS "NO ERROR" OR AN ERROR MESSAGE SHOWING THE AVAILABLE INFORMATION AT THE ERROR POINT.

ENTER THE XML FILE URL:

<http://www.public.asu.edu/~arsingh3/FaultyPersons.xml>

ENTER THE XSD FILE URL:

<http://www.public.asu.edu/~arsingh3/Persons.xsd>

VALIDATE XML

RESULT:

There is an error in validation: The element 'Credential' has invalid child element 'Password'. List of possible elements expected: 'Id'.

Web Operation 2: Transformation

Input:

XML and XSL files with no error.

Output:

WEB OPERATION 2: TRANSFORMATION

WEB OPERATION "TRANSFORMATION" TAKES THE URL OF AN XML (.XML) FILE AND THE URL OF THE XSL FILE AS INPUTS AND GENERATES THE HTML FILE BASED ON THE XML AND XSL FILES.

ENTER THE XML FILE URL:

ENTER THE XSL FILE URL:

GENERATE HTML

RESULT:

```
<html>
<body>
  <h1 style="text-align: left; font-color: #87ceeb; font-family: gabriola;">Personal Directory</h1>
  <div style="border: 1px #000000 solid; font: 14px consolas;">
    <ul>
```