

Part -A

Url- <http://lyle.smu.edu/~rmandhare/cse7347/assignmet7/movies.xml>

Phone No- (832) 308- 8072

getMenu.php:

```
<?php
// Load XML file
header('Content-type: application/xml');
ini_set('display_errors', 1);

$xml = new DOMDocument;
$xml->load('movies.xml');

// Load XSL file
$xml = new DOMDocument;
$xml->load('Genres.xml');

// Configure the transformer
$proc = new XSLTProcessor;

// Attach the xsl rules
$proc->importStyleSheet($xml);

echo $proc-
>transformToXML($xml); ?>
```

Genres.xml

```
<xsl:stylesheet
xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version="1.0">

    <xsl:output method="xml" doctype-
system="http://www.w3.org/TR/voiceXML20/vxml.dtd"/>

    <xsl:template match="/">

        <vxml version="2.0" xmlns='http://www.w3.org/2001/vxml'
xmlns:xsi='http://www.w3.org/2001/XMLSchema-instance'
xsi:schemaLocation='http://www.w3.org/2001/vxml
http://www.w3.org/TR/voicexml20/vxml.xsd'>
            <form id="getRequest"> <field
                name="genre">
                <prompt>
                    welcome to Movie world. Please select
genre.
                <enumerate>
                    for<value
expr="_prompt"/>press<value expr="_dtmf"/><break/>
                </enumerate>
            </prompt>
```

```

                                <xsl:for-each
select="//genre[not(preceding::genre/. = .)]">
                                <xsl:element name="option">
                                    <xsl:attribute
name="dtmf"><xsl:value-of select="position()"/></xsl:attribute> <xsl:attribute
name="value"><xsl:value-of select="."/></xsl:attribute>
                                    <xsl:value-of select="." />
                                </xsl:element>
                                </xsl:for-each>
                                </field>
                                <block>
                                    <prompt>
                                        You selected <value
expr="genre"/>.
                                    </prompt>
                                    <submit
next="http://lyle.smu.edu/~rmandhare/cse7347/assignment7/getSummary.php"
namelist="genre" />
                                </block>
                                </form>
                                </vxml>
                                </xsl:template>
</xsl:stylesheet>

```

Summary.php

```

<?php
// Load XML file
header('Content-type: application/xml');
ini_set('display_errors', 1);

$genre = $_GET['genre'];

$xml = new DOMDocument;
$xml->load('movies.xml');

// Load XSL file
$xsl = new DOMDocument; $xsl-
>load('searchMovies.xsl');

// Configure the transformer
$proc = new XSLTProcessor;

// Attach the xsl rules
$proc->importStyleSheet($xsl);

//pass parameters $proc-
>setParameter(NULL, 'genre', $genre);

echo $proc->transformToXML($xml);
?>

```

Movies.xml

```
<xsl:stylesheet
xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version="1.0">

<xsl:output method="xml" doctype-
system="http://www.w3.org/TR/voiceXML20/vxml.dtd"/>
<xsl:param name="genre">None</xsl:param>

<xsl:template match="/">

    <vxml version="2.0" xmlns="http://www.w3.org/2001/vxml"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
        <form>
            <block>
                Based on your request, following movies are selected.
                <xsl:for-each select="//movie/genre[contains(translate(.,
'ABCDEFGHJKLMNOPQRSTUVWXYZ', 'abcdefghijklmnopqrstuvwxyz') ,
translate($genre, 'ABCDEFGHJKLMNOPQRSTUVWXYZ',
'abcdefghijklmnopqrstuvwxyz'))]/ancestor::movie">
                    Movie name <xsl:value-of select="title" /><break
time="200" />
                    Summary of movie <break time="200" /> <xsl:value-of
select="summary" /><break time="500" />
                </xsl:for-each>
                <break time="1000" />
                Thank you for using our service.
            </block>
        </form>
    </vxml>
</xsl:template>
</xsl:stylesheet>
```

Part-B
Phone No- (832)271-6037

Tank.xml

```
<vxml version="2.0" xmlns="http://www.w3.org/2001/vxml"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.w3.org/2001/vxml
http://www.w3.org/TR/voicexml20/vxml.xsd">

<form id="getRequest">

<field name="command">
<var name="val" expr="" />

<prompt>Please give me a command.</prompt>

<grammar type="application/x-nuance-gsl"
mode="voice"> <![CDATA[
[
    [go] {<command "t1 go">}
    [stop] {<command "t1 stop">}
    [left] {<command "t1 left">}
    [right] {<command "t1 right">}
```

```

        [center] {<command "t1 center">}
    ]
]]>
</grammar>

<filled>
    <prompt>You selected <value expr="command"/>
    </prompt> <assign name="val" expr="command" />
</filled>

</field>

<block>
<submit next="http://lyle.smu.edu/~rmandhare/cse7347/A7-b/writeCommand.php"
method="GET" namelist="val" />
Your request
submitted. </block>

</form>
</vxml>

```

writeCommand.php

```

<?php
header('Content-type: text/xml');

$command = $_GET['val'];
$myfile = fopen("gismoCommand.txt", "w") or die("Unable to open file!");
fwrite($myfile, $command);
fclose($myfile);

$vxml = file_get_contents('controlTank.xml');
echo $vxml;

?>

```

INIT Positions STEP START Animation STOP Animation GEAR = DRIVE SPEED = 10 DIR = 270 HEALTH = 10 command :

