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***Name : Devanshu Dave***

***Course Code : MODE 4201***

***Student ID : 100785733***

***Title : Lab 3 – Individual work***

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## XML CODE

<?xml version="1.0" standalone="no"?>

<!-- projects.xml -->

<!DOCTYPE projects SYSTEM "projects.dtd">

<projects>

<company>

<companyName>Medical Com</companyName>

<companyAddress>12 medical Street</companyAddress>

<logo>ME</logo>

<webAddress>medicalCom.com</webAddress>

<email>dsd@gmail.com</email>

<phone>211-111-1111</phone>

</company>

<project projid = "PO1">

<title>Pharmacy medicine Filter System</title>

<managers>

<manager>

<firstName>Devanshu</firstName>

<middleName>Maulik</middleName>

<lastName>Dave</lastName>

<managerPhone type="managerHome"></managerPhone>

<managerEmail>dev@gmail</managerEmail>

</manager>

</managers>

<teams>

<team>

<leader>Adam</leader>

<developer>Nick</developer>

<tester>Oliver</tester>

<documenter>William</documenter>

</team>

</teams>

<clients>

<client clientid = "c12">

<clientName>Liam</clientName>

<address>

<street>22 CLIENT street</street>

<city>Toronto</city>

<country>Canada</country>

<postalCode>S3E 3D3</postalCode>

</address>

<clientEmail>liam@gmail.com</clientEmail>

<clientPhone>2333333456</clientPhone>

</client>

</clients>

<projectDate start="23-09-2020" end="23-09-2022"></projectDate>

<projectComments>Good Project and will impact a buisness in a positive way</projectComments>

</project>

</projects>

## DTD CODE

<!ELEMENT projects (company,project+)>

<!ELEMENT company (companyName,companyAddress,logo,webAddress?,email,phone+)>

<!ELEMENT companyName (#PCDATA)>

<!ELEMENT companyAddress (#PCDATA)>

<!ELEMENT logo (#PCDATA)>

<!ELEMENT webAddress (#PCDATA)>

<!ELEMENT email (#PCDATA)>

<!ELEMENT phone (#PCDATA)>

<!ELEMENT project (title ,managers ,teams,clients\*,projectDate,projectComments )>

<!ATTLIST project

projid CDATA #REQUIRED

>

<!ELEMENT title (#PCDATA)>

<!ELEMENT managers (manager+)>

<!ELEMENT manager (firstName,middleName?,lastName,managerPhone,managerEmail\*)>

<!ELEMENT firstName (#PCDATA)>

<!ELEMENT middleName (#PCDATA)>

<!ELEMENT lastName (#PCDATA)>

<!ELEMENT managerPhone (#PCDATA)>

<!ATTLIST managerPhone type (managerHome|managerOffice) "managerHome">

<!ELEMENT managerEmail (#PCDATA)>

<!ELEMENT teams (team)>

<!ELEMENT team (leader ,developer+,tester?,documenter\*)>

<!ELEMENT leader (#PCDATA)>

<!ELEMENT developer (#PCDATA)>

<!ELEMENT tester (#PCDATA)>

<!ELEMENT documenter (#PCDATA)>

<!ELEMENT clients (client\*)>

<!ELEMENT client (clientName,address,clientEmail,clientPhone)>

<!ATTLIST client

clientid CDATA #REQUIRED

>

<!ELEMENT clientName (#PCDATA)>

<!ELEMENT address (street?,city,country, postalCode?)>

<!ELEMENT street (#PCDATA)>

<!ELEMENT city (#PCDATA)>

<!ELEMENT country (#PCDATA)>

<!ELEMENT postalCode (#PCDATA)>

<!ELEMENT clientEmail (#PCDATA)>

<!ELEMENT clientPhone (#PCDATA)>

<!ELEMENT projectDate (#PCDATA)>

<!ATTLIST projectDate

start CDATA #REQUIRED

end CDATA #IMPLIED

>

<!ELEMENT projectComments (#PCDATA)>

## VALIDATION SCREENSHOT

Graphical user interface, website

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