Name – Aryan Sharma

Enrollment No – BT21GCS161

Dimensional and NoSQL Databases

Assignment 12

Activity – All entries of the 7 Tables (Per Table 3 entries, is a Must) of HR Schema, must be associated with a Namespace, along with a Default Namespace. (removing ambiguity namespace)

<?xml version="1.0" encoding="UTF-8"?>

<HR_DATA xmlns="http://Zilean.com/HR"

xmlns:c="http://Zilean.com/HR/countries"

xmlns:d="http://Zilean.com/HR/departments"

xmlns:e="http://Zilean.com/HR/employees"

xmlns:j="http://Zilean.com/HR/jobs"

xmlns:h="http://Zilean.com/HR/job_history"

xmlns:l="http://Zilean.com/HR/locations"

xmlns:r="http://Zilean.com/HR/regions">

<e:employee>

  <e:employee>

    <e:employee_id>1</e:employee_id>

    <e:first_name>Aryan</e:first_name>

    <e:last_name>Sharma</e:last_name>

    <e:email>aryan@gmail.com</e:email>

    <e:phone_number>9960765259</e:phone_number>

    <e:hire_date>2022-06-26</e:hire_date>

    <e:job_id>Jr.System Analysis</e:job_id>

    <e:salary>90000</e:salary>

    <e:commission_pct>0.1</e:commission_pct>

    <e:manager_id>210</e:manager_id>

    <e:department_id>161</e:department_id>

  </e:employee>

  <e:employee>

    <e:employee_id>2</e:employee_id>

    <e:first_name>Saurabh</e:first_name>

```xml
        <e:last_name>Kumar</e:last_name>

        <e:email>saurabhkumarsingh@gmail.com</e:email>

        <e:phone_number>9345678901</e:phone_number>

        <e:hire_date>2022-06-26</e:hire_date>

        <e:job_id>Data Analyst</e:job_id>

        <e:salary>70000</e:salary>

        <e:commission_pct>0.1</e:commission_pct>

        <e:manager_id>211</e:manager_id>

        <e:department_id>162</e:department_id>

    </e:employee>

    <e:employee>

        <e:employee_id>3</e:employee_id>

        <e:first_name>Preksha</e:first_name>

        <e:last_name>Singh</e:last_name>

        <e:email>preksasingh@gmail.com</e:email>

        <e:phone_number>9345678901</e:phone_number>

        <e:hire_date>2022-06-26</e:hire_date>

        <e:job_id>Jr.System Developer</e:job_id>

        <e:salary>80000</e:salary>

        <e:commission_pct>0.1</e:commission_pct>

        <e:manager_id>212</e:manager_id>

        <e:department_id>163</e:department_id>

    </e:employee>

</e:employee>


<d:departments>

    <d:departments>

        <d:Department_ID>161</d:Department_ID>

        <d:Department_Name>Jr.System Analysis</d:Department_Name>

        <d:Manager_ID>210</d:Manager_ID>

        <d:Location_ID>12</d:Location_ID>

    </d:department>

    <d:department>

        <d:Department_ID>162</d:Department_ID>
```

```xml
      <d:Department_Name>Data Analyst</d:Department_Name>

      <d:Manager_ID>211</d:Manager_ID>

      <d:Location_ID>13</d:Location_ID>

    </d:department>

    <d:department>

      <d:Department_ID>163</d:Department_ID>

      <d:Department_Name>Jr. System Developer</d:Department_Name>

      <d:Manager_ID>212</d:Manager_ID>

      <d:Location_ID>14</d:Location_ID>

    </d:department>

  </d:departments>


  <j:jobs>

    <j:job>

      <j:Job_ID>40</j:Job_ID>

      <j:Job_Title>Jr.system Analysis</j:Job_Title>

      <j:Min_Salary>50000</j:Min_Salary>

      <j:Max_Salary>1000000</j:Max_Salary>

    </j:job>

    <j:job>

      <j:Job_ID>41</j:Job_ID>

      <j:Job_Title>Data Analyst</j:Job_Title>

      <j:Min_Salary>50000</j:Min_Salary>

      <j:Max_Salary>1000000</j:Max_Salary>

      </j:job>

    <j:job>

      <j:Job_ID>42</j:Job_ID>

      <j:Job_Title>Jr. System Developer</j:Job_Title>

      <j:Min_Salary>50000</j:Min_Salary>

      <j:Max_Salary>1000000</j:Max_Salary>

    </j:job>

  </j:jobs>


  <h:job_history>
```

```xml
<h:job_history>
    <h:Employee_ID>1</h:Employee_ID>
    <h:Start_date>2022-06-26</h:Start_date>
    <h:End_date>2022-06-20</h:End_date>
    <h:job_id>40</h:job_id>
</h:job_history>
<h:job_history>
    <h:Employee_ID>2</h:Employee_ID>
    <h:Start_date>2022-07-09</h:Start_date>
    <h:End_date>2022-07-01</h:End_date>
    <h:job_id>41</h:job_id>
</h:job_history>
<h:job_history>
    <h:Employee_ID>3</h:Employee_ID>
    <h:Start_date>2022-08-01</h:Start_date>
    <h:End_date>2022-07-25</h:End_date>
    <h:job_id>42</h:job_id>
</h:job_history>
</h:job_history>

<l:locations>
    <l:location>
        <l:Location_ID>14</l:Location_ID>
        <l:STREET_ADDRESS>Thane</l:STREET_ADDRESS>
        <l:POSTAL_CODE>421503</l:POSTAL_CODE>
        <l:CITY>Thane</l:CITY>
        <l:STATE_PROVINCE>MH</l:STATE_PROVINCE>
        <l:COUNTRY_ID>In</l:COUNTRY_ID>
    </l:location>
    <l:location>
        <l:Location_ID>15</l:Location_ID>
        <l:STREET_ADDRESS>Silicon Valley</l:STREET_ADDRESS>
        <l:POSTAL_CODE>94301</l:POSTAL_CODE>
        <l:CITY>California</l:CITY>
```

```xml
      <l:STATE_PROVINCE>California</l:STATE_PROVINCE>
      <l:COUNTRY_ID>USA</l:COUNTRY_ID>
   </l:location>
   <l:locations>
      <l:Location_ID>16</l:Location_ID>
      <l:STREET_ADDRESS>2011 Melbourne </l:STREET_ADDRESS>
      <l:POSTAL_CODE>8002</l:POSTAL_CODE>
      <l:CITY>East Melbourne</l:CITY>
      <l:STATE_PROVINCE>AUS</l:STATE_PROVINCE>
      <l:COUNTRY_ID>Australia</l:COUNTRY_ID>
   </l:location>
</l:locations>


<c:countries>
   <c:Countries>
      <c:country_ID>1</c:country_ID>
      <c:Country_Name>India</c:Country_Name>
      <c:Region_ID>101</c:Region_ID>
   </c:Countries>
   <c:Countries>
      <c:country_ID>2</c:country_ID>
      <c:Country_Name>United States of America</c:Country_Name>
      <c:Region_ID>102</c:Region_ID>
   </c:Countries>
   <c:Countries>
      <c:country_ID>3</c:country_ID>
      <c:Country_Name>Australia</c:Country_Name>
      <c:Region_ID>103</c:Region_ID>
   </c:Countries>
</c:countries>


<r:regions>
   <r:region>
      <r:Region_ID>101</r:Region_ID>
```

```xml
            <r:Region_Name>Asia</r:Region_Name>
        </r:region>
        <r:region>
            <r:Region_ID>102</r:Region_ID>
            <r:Region_Name>America</r:Region_Name>
        </r:region>
        <r:region>
            <r:Region_ID>103</r:Region_ID>
            <r:Region_Name>Australia</r:Region_Name>
        </r:region>
    </r:regions>

</HR_DATA>
```