PopulateDatabase.XML's Structure

User Accounts:

There will be 9 user accounts in the basic populate:

- 1 administrator (ADMINISTRATOR)
- 4 authors (AUTHOR)
- 4 reviewers (REVIEWER)

We will begin with : id = "userAccount1" and so on, until we reach userAccount9. The usernames will be:

- admin (UserAccount1)
- author1, author2, author3, author4 (From uA 2 to 5)
- reviewer1, reviewer2, reviewer3, reviewer4 (From uA 6 to 9)

The passwords in natural language and in MD5 will be:

- For administrators : admin -> 21232f297a57a5a743894a0e4a801fc3
- For authors : author1 , author2, author3, author4
- For reviewers : reviewer1, reviewer2, reviewer3, reviewer4

The basic structure will be:

```xml
<bean id="userAccount1" class="security.UserAccount">
        <property name="username" value="admin" />
        <property name="password" value="21232f297a57a5a743894a0e4a801fc3" />
        <property name="authorities">
                <list>
                        <bean class="security.Authority">
                                <property name="authority" value="ADMINISTRATOR" />
                        </bean>
                </list>
        </property>
</bean>
```

Actors

The actors have some common attributes and some unique attributes depending of the type of actor. The basic structure is:

```xml
<bean id="admin" class="domain.Administrator">
        <property name="name" value="Admin Name" />
        <property name="middleName" value="Admin Middle Name" />
        <property name="surname" value="Admin Surname" />
        <property name="photo" value="https://photoadmin.jpg" />
        <property name="email" value="admin@us.es" />
        <property name="phoneNumber" value="666666666" />
        <property name="address" value="Admin Address" />
        <property name="userAccount" ref="userAccount1" />
</bean>
```

Configuration Parameters

This object will contain a list with the credit card makes and a list with references to the existing topics.

We can see the structure here:

```xml
<!-- CONFIGURATION PARAMETERS -->

<bean id="configurationParameters"
      class="domain.ConfigurationParameters">
    <property name="sysName" value="Acme Conference" />
    <property name="banner"
            value="https://i.ibb.co/GVpZCtM/acme-conference.png" />
    <property name="message"
            value="Welcome to Acme Conference! Your scientific event manager" />
    <property name="messageEs"
            value="¡Bienvenidos a Acme Conference! Su gestor de eventos
            científicos" />
    <property name="countryCode" value="+34" />
    <property name="defaultCountry" value="Spain" />
    <property name="creditCardMakes">
        <list>
            <value>VISA</value>
            <value>MASTER</value>
            <value>DINNERS</value>
            <value>AMEX</value>
        </list>
    </property>
    <property name="topics">
        <list>
            <ref bean="inquiry"/>
            <ref bean="rebuttal"/>
            <ref bean="registration"/>
            <ref bean="topic"/>
            <ref bean="other"/>
        </list>
    </property>
</bean>

<!-- CONFIGURATION PARAMETERS FINISHED -->
```

Messages

There will be one message sent by each actor to 2 other actors, that will be the next 2 actors. And there will be 1 broadcast message with no sender and every actor as a recipient.

Th estructure is:

```xml
<bean id="message1" class="domain.Message">
        <property name="moment" value="2019/08/05 22:00" />
        <property name="subject" value="Message1's subject" />
        <property name="body" value="Message1's body" />
        <property name="topic" ref="other" />
        <property name="sender" ref="admin" />
        <property name="recipients">
                <list>
                        <ref bean="author1" />
                        <ref bean="author2" />
                </list>
        </property>
</bean>
```

There are 9 messages, 1 for each author.

Credit Cards

Only authors have Credit Cards. So each one of them will have one.

The estructure is:

```xml
<!-- CREDIT CARDS -->
<bean id="creditCard1" class="domain.CreditCard">
        <property name="holderName" value="author1" />
        <property name="brandName" value="Acme Conference's brand" />
        <property name="number" value="4716299708340661" />
        <property name="expirationMonth" value="03" />
        <property name="expirationYear" value="20" />
        <property name="cvv" value="458" />
        <property name="make" value="VISA" />
        <property name="owner" ref="author1" />
</bean>
```

Conference

There will be 2 conferences. The first will have 3 submissions, and the second will have just 1. The estructure is:

```xml
<!-- CONFERENCES -->
<bean id="conference1" class="domain.Conference">
        <property name="title" value="Conference1's title" />
        <property name="acronym" value="Conference1's acronym" />
        <property name="venue" value="Conference1's venue" />
        <property name="submissionDeadline" value="2019/10/01 21:00" />
        <property name="notificationDeadline"
                value="2019/10/02 21:00" />
        <property name="cameraReadyDeadline" value="2019/10/03 21:00" />
        <property name="startDate" value="2019/10/10 12:00" />
        <property name="endDate" value="2019/10/20 21:00" />
        <property name="summary" value="Conference1's summary" />
        <property name="fee" value="200." />
        <property name="administrator" ref="admin" />
        <property name="registrations">
            <list>
            </list>
        </property>
        <property name="submissions">
            <list>
            </list>
        </property>
        <property name="activities">
            <list>
            </list>
        </property>
</bean>
```

Submissions

Submissions have papers and camera ready papers. Papers will exist apart from the submissions, and when an author makes a submission, he will choose between his uploaded papers. This means that author will be able to create papers.

There will be 4 submissions, one for each author. 1º Conference will have 3 and the 2º will have 1.

The estructure is:

```xml
<!-- SUBMISSIONS -->
<bean id="submission1" class="domain.Conference">
        <property name="ticker" value="AAA-RR19" />
        <property name="moment" value="2019/09/10 19:00" />
        <property name="status" value="UNDER-REVIEW" />
        <property name="author" ref="author1" />
        <property name="paper" ref="paper1" />
</bean>
```

Papers

There will be 4 papers, one for each submission. The authors will be the author with the number of the paper and the next author, so each paper will have 2 authors. The estructure is:

```xml
<bean id="paper1" class="domain.Paper">
    <property name="title" value="Paper1's title" />
    <property name="authors">
        <list>
            <ref bean="author1" />
            <ref bean="author2" />
        </list>
    </property>
    <property name="summary" value="Paper1's summary" />
    <property name="document"
        value="http://google.com/paperdoc1.html" />
    <property name="cameraReady" value="false" />
</bean>
```

Reports

There will be 8 reports, 2 for each submission, so 2 done by each reviewer. We will have 1 on border-line and 1 accepted. The structure is:

```xml
<bean id="report1" class="domain.Report">
    <property name="originalityScore" value="7.5" />
    <property name="qualityScore" value="7.5" />
    <property name="readabilityScore" value="7.5" />
    <property name="decision" value="BORDER-LINE" />
    <property name="reviewer" ref="reviewer1" />
    <property name="submission" ref="submission1" />
    <property name="comments">
        <list>
        </list>
    </property>
</bean>
```

Registrations

There will be 6 registrations: 4 for first conference and 2 for the second. Th estructure is:

```xml
<bean id="registration1" class="domain.Registration">
    <property name="author" ref="author1" />
    <property name="creditCard" ref="creditCard1" />
</bean>
```

Activities

There will be 3 activities. 2 for the first conference and 1 for the second.

The structure is:

```xml
<bean id="activity1" class="domain.Activity">
        <property name="title" value="Activity1's title" />
        <property name="startMoment" value="2019/10/10 16:00" />
        <property name="duration" value="120" />
        <property name="room" value="Room1" />
        <property name="summary" value="Activity1's summary" />
        <property name="attachments">
                <list>
                        <value>http://google.com/attachments1.html</value>
                        <value>http://google.com/attachments2.html</value>
                </list>
        </property>
        <property name="type" value="PANEL"></property>
        <property name="paper">
                <null></null>
        </property>
        <property name="sections">
                <list>
                </list>
        </property>
        <property name="speakers">
                <list>
                        <ref bean="author1" />
                </list>
        </property>
</bean>
```

Sections

There will be 2 sections, for the second activity(Tutorial). Th estructure is:

```xml
<bean id="section1" class="domain.Section">
        <property name="title" value="Section1's title" />
        <property name="summary" value="Section1's summary" />
        <property name="pictures">
                <list>
                        <value>http://google.com/picture1.html</value>
                        <value>http://google.com/picture1.htm2</value>
                </list>
        </property>
</bean>
```