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Proyecto semestral - Tercera fase
SEng Bytes & Bits

Diagrama de clases

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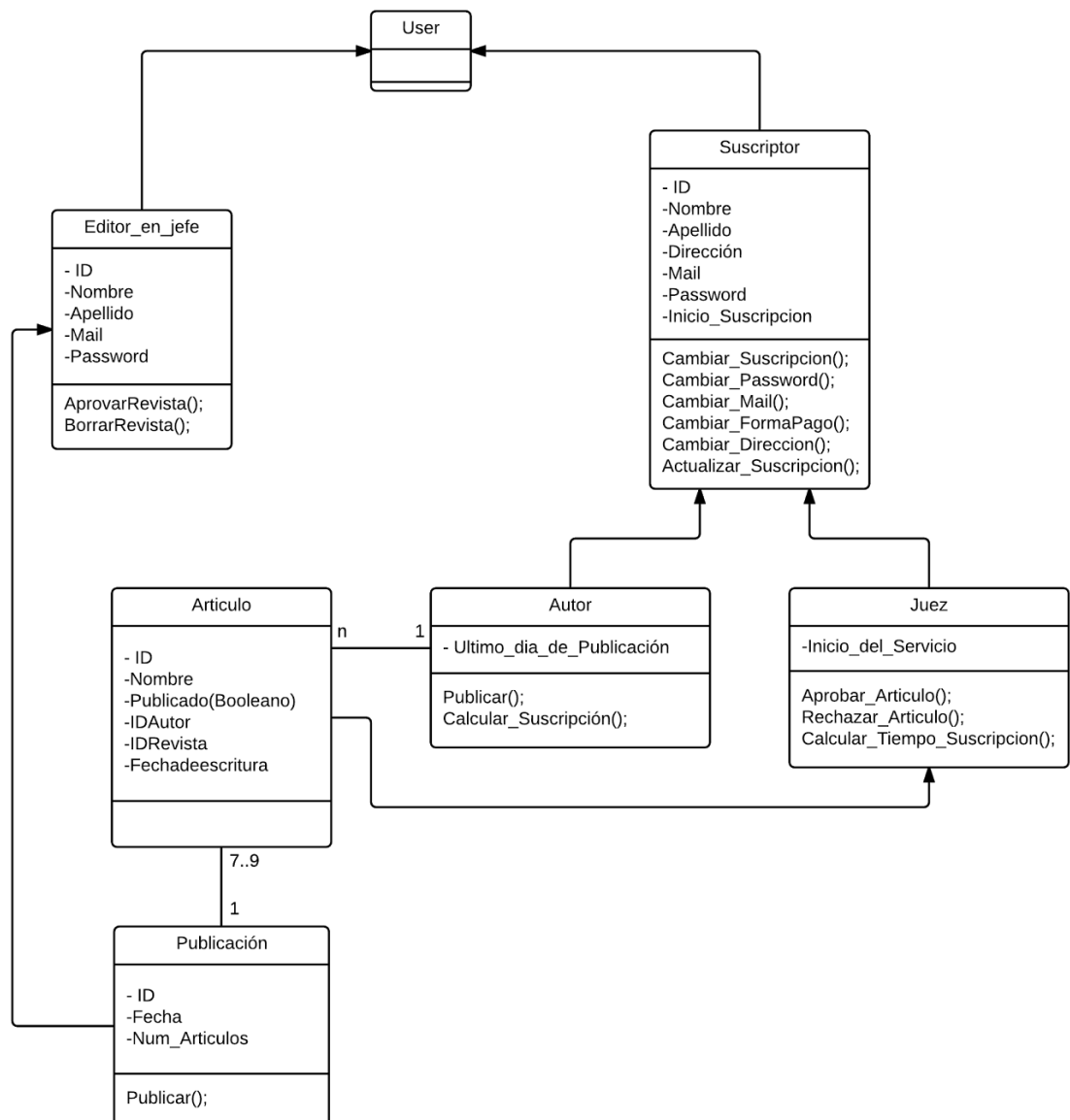
Modelo entidad relación

Suscriptor		
ID	int	NN
Nom	varchar(25)	NN
LastN	varchar(25)	NN
Address	varchar(60)	
Tarjeta	int(16)	
Suscription	int(1)	NN
Mail	varchar(50)	NN
Password	varchar(16)	NN
InicioSuscripcion	Date	NN

Juez		
InitSentencia	Date	NN

Publicacion		
ID	int	NN
Fecha	Date	NN
NumArt	int	NN

Editor en Jefe		
ID	int	NN
Nom	varchar(25)	NN
LastN	varchar(25)	NN
Mail	varchar(50)	NN
Password	varchar(16)	NN

Autor		
LDofP	Date	NN

Articulo		
ID	int	NN
Publicado	bit	NN
IdAutor	int	NN
IdRevista	int	NN
NumArt	Date	NN

Codificación de clases

```java
class Judge {
    int initService;

    public void aprobarArticulo(Article art, Publication pub){
        try {
            String s = "INSERT INTO Articulo (ID, Publicado,
IdAutor, IdRevista, NumArt)" +
                        " VALUES ("+ art.id + " , '" + art.published +
" , '" +
                            authorId + " , '" + pub.id + ", '" +
art.dateCreation " )";
            conn.stmt.executeUpdate(s);
```

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```java
            }catch (Exception e) { System.out.println ("Cannot update
table: Articulo" + e ); }
        }
    }

    public void rechazarArticulo(Article art){
            try {
                String s = "DELETE FROM Registration " +
                    "WHERE id = " + art.id;
                conn.stmt.executeUpdate(s);
            }catch (Exception e) { System.out.println ("Cannot update
table: Articulo" + e ); }
        }
    }
}


class Article {
    int id;
    boolean published;
    int authorId;
    int publicationId;
    int dateCreation;

}

class Author {
        int last_day_publication;
}

class Chief {
    int id;
    String nom;
    String lastN;
    String mail;
    String password;

    public void changePassword(String oldPass, String newPass){
      if (oldPass == password){
```

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```java
            password = newPass;
        }
    }

    public void changeMail(String newMail){
        mail = newMail;
    }

}

class Publication {
    int id;
    int date;
    int numArts;

    public void setDate(int d){
      date = d;
    }
    public int getDate(){
      return date;
    }
}

class Suscriptor {
    int id;
    String nom;
    String lastN;
    String address;
    int creditC;
    int suscriptionType;
    String mail;
    String password;
    int initSusc;

    public void setAddress(String add){
      address = add;
    }

    public String getAddress(){
```

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```java
        return address;
    }

    public void changePassword(String oldPass, String newPass){
        if (oldPass == password){
            password = newPass;
        }
    }

    public void changeMail(String newMail){
        mail = newMail;
    }

    public void changeSubscriptionType(int s){
        if(s>=0 && s <=2){
            suscriptionType = s;
        }
    }
}
```