

PRESENTACIÓN IVAL

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1º DAM y DAW

Ival Marketplace

github.com/albertogomezp/ival

IvAI is our brand new Marketplace test project. This is just an online store where you can buy anything, like your local market.

We are using the following technologies:

- MySQL
- Java Servlet
- JSP
- Hibernate Framework
- AJAX Requests
- Maven Dependencies
- More... (we will update this list, i promise)

Before continue we want thank [Pablo Pinto](#) for his great support and lessons given during our DUAL period.

Also, we want thanks [Viewnext](#) his labour in giving us learning facilities and giving us a fantastic experience of what is being in a office co-working with real developers, specially thanks to our tutor, [Adrian Bogaril](#) and our teachers from IES Campanillas

Starting our project: role assignment

[Iván Pérez Molina](#) Is going to develop the FrontEnd

[Alberto Gómez Peña](#) Is going to develop the Backend

(Alberto is using two Github accounts, one is going to be used at home and the other at the office)

lvAl Marketplace

github.com/albertogomezp/lval

```
public static String generateStorngPasswordHash(String password,String SaltStr)

    throws NoSuchAlgorithmException, InvalidKeySpecException

{

    int iterations = 1000;

    char[] chars = password.toCharArray();

    byte[] salt = SaltStr.getBytes();

    PBEKeySpec spec = new PBEKeySpec(chars, salt, iterations, 64 * 8);

    SecretKeyFactory skf = SecretKeyFactory.getInstance("PBKDF2WithHmacSHA1");

    byte[] hash = skf.generateSecret(spec).getEncoded();

    return iterations + ":" + toHex(salt) + ":" + toHex(hash);

}
```

```
public static byte[] getSalt() throws NoSuchAlgorithmException

{

    SecureRandom sr = SecureRandom.getInstance("SHA1PRNG");

    byte[] salt = new byte[16];

    sr.nextBytes(salt);

    return salt;

}

public static boolean validatePassword(String originalPsw, String storedPsw)

    throws NoSuchAlgorithmException, InvalidKeySpecException

{

    String[] parts = storedPsw.split(":");

    int iterations = Integer.parseInt(parts[0]);

    byte[] salt = fromHex(parts[1]);

    byte[] hash = fromHex(parts[2]);

    PBEKeySpec spec = new PBEKeySpec(originalPsw.toCharArray(), salt, iterations, hash.length * 8);

    SecretKeyFactory skf = SecretKeyFactory.getInstance("PBKDF2WithHmacSHA1");

    byte[] pswHash = skf.generateSecret(spec).getEncoded();

    int diff = hash.length ^ testHash.length;

    for(int i = 0; i < hash.length && i < pswHash.length; i++)

    {

        diff |= hash[i] ^ pswHash[i];

    }

    return diff == 0;

}
```

VISTA

Usuario

Contraseña

← admin

LOGIN

Alberto Gómez



Alberto Gómez

CONTROLADOR

- Salt aleatoria generada: [B@420766ff]
- Nueva contraseña segura
1000:5b42403536313036623934:a4160dfb14fd1
933fbc07af66dd8f96e9029be14fb4fd06ecc4210a
503d06d6e8ba5711b09ccb1f43d211405789107
b755da7badce58cf2306a6139f7a417f44

Alberto Gómez



Alberto Gómez

Front-End





Ofertas de primavera

Para el hogar, actividades al aire libre y mucho más

Del 27 de marzo al 7 de abril



Alimentación

Desde nuestra tienda puedes comprar los productos más frescos del mercado.

Pechuga de pollo



5,99 € / kilo

[Añadir al carrito](#)

Pescado congelado



8,99 € / kilo

[Añadir al carrito](#)

Gamba fresca



11,99 € / kilo

[Añadir al carrito](#)

Chuletón de ternera

¡OFERTA!



~~ANTES: 15,99 € / kilo~~

AHORA: 10.99 € / kilo

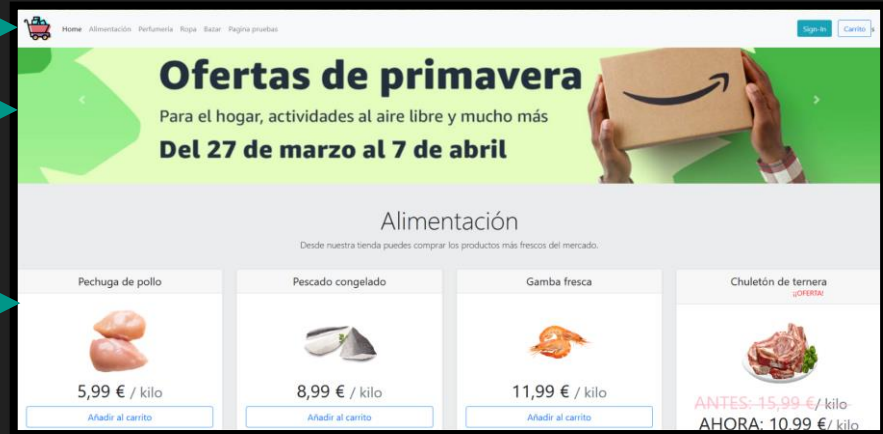
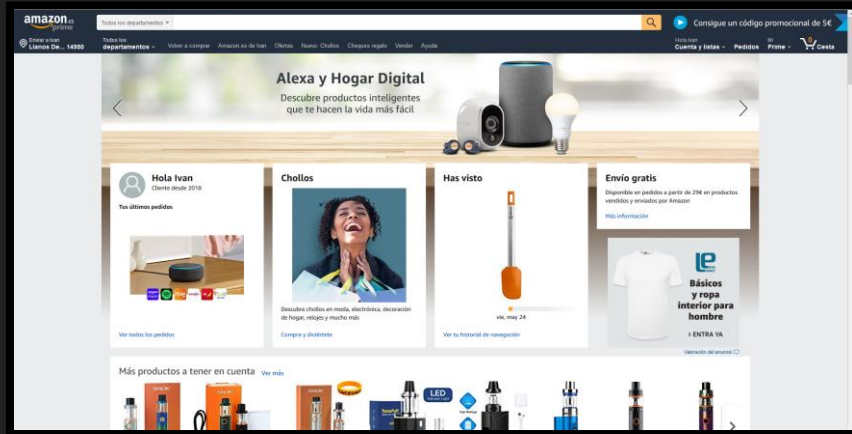
Iván Pérez Molina

GitKraken

FcIipse

ViewNext

Basada en la web de Amazon...



Conocimientos adquiridos y herramientas usadas

