BIONICS APPLICATION
USERS MANUAL
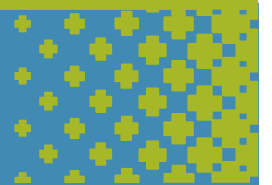
INDEX:

REGISTRATION:

First, to be able to use the application you must register as either an engineer or a customer. Depending on which one you are, you will need to introduce different types of personal information, and your options in the application will be different as well.

However, either if you are a costumer or an engineer you will need to introduce first an email and create your password.

- **ENGINEER**

```
 Choose an option:
1. Register
2. Login
3. Have you forgotten your password?
0. Exit
1
[Role [id=1, name=engineer], Role [id=2, name=customer]]
Type the chosen role ID:
1
Please, write your email address:
silvia@gmail.com
Please, write your password:
silvi2000
Introduce your data:

Enter your name:
silvia
Contract starting date (yyyy-MM-dd):
2018-05-05
Contract ending date (yyyy-MM-dd):
2025-05-05
Salary:
1200
Bonus:
150
Experience in years:
3
Date of birth(yyyy-MM-dd):
2000-05-05
You have registered properly
```

If you are an engineer you will need to select that role, so the application knows. Then, after selecting the email and password, you will need to introduce all your personal information as well as your contract information.

Once you finish this step, you will need to login for viewing your options.

- **CUSTOMER**

If you are a customer, as I said on the engineer part, you must select that role. Once you have introduced your email and password, the application will be asking for your personal information and once it is done, you must log in to see the special features.

```
[Role [id=1, name=engineer], Role [id=2, name=customer]]
Type the chosen role ID:
2
Please, write your email address:
natalia@gmail.es
Please, write your password:
natalia
Introduce your data:

Enter your name:
natalia
Enter your phone number:
698755
Street:
calle abril
City:
madrid
Postal code:
28019
You have registered properly

 Choose an option:
1. Register
2. Login
3. Have you forgotten your password?
0. Exit
0
Database is closed .
```

LOG IN

For logging you will need to confirm the email and password you have selected and depending, if you are a costumer or an engineer a different menu will pop up.

- **ENGINEER**

    - Option 1: View product→ This function will show you all the products created by yourself or by another engineer, one you select the body part. If you select the id of a product, you will be able to see the characteristics and the materials of that product.

```
1
Choose a bodypart:
Limb
Face
Limb
Id: 1. ArmAndo
Id: 2. Astroleg
Introduce id of the product:
1
Price: 7000.0
Dimensions: 20x7x5; Weight: 3.5;Number of joints: 27;Flexibility Scale: 70
Material id: 1;Name of material: polyethylene;Price: 20.0;Amount: 400
Material id: 5;Name of material: screw;Price: 2.0;Amount: 1000
```

```
2
Name of material:
carbon fibers
Price:
150
Amount:
400
```

    - Option 2: Add material→You will be able to create a material. For that the information of that material is needed, so you will have to introduce it. Once you create the material you can select option 3.

    - Option 3: Add product→It will allow you to create a product with existing materials, and you will need to specify the different characteristics it has.

```
3
Introduce product name:
Foot20
Introduce bodypart:
Limb
Introduce price:
2000
Introduce date of creation (yyyy-MM-dd):
2021-03-02
Introduce your id:
1
Now you need to list the materials

How many materials does the product have?
1
```

```
Now you need to list the materials

How many materials does the product have?
1
Material id: 1;Name of material: polyethylene;Price: 20.0;Amount: 400
Material id: 2;Name of material: titanium;Price: 58.0;Amount: 15
Material id: 3;Name of material: cobalt;Price: 200.0;Amount: 10
Material id: 4;Name of material: steel;Price: 15.0;Amount: 400
Material id: 5;Name of material: screw;Price: 2.0;Amount: 1000
Material id: 6;Name of material: carbon fibers;Price: 150.0;Amount: 400
Choose a material id:
CHECK THE AMOUNT
6
Describe characteristics:
Dimensions (Length x Width x Height ):
20x8x3
Weight:
0.9
Number of joints:
15
Flexibility Scale:
50
```

```
4
Id: 3. 4KE70
Id: 1. ArmAndo
Id: 2. Astroleg
Id: 4. Foot20
Introduce the product ID:
3
```

    - Option 4: Remove product→ It will show the existing products so you can remove one of them.

```
5
Introduce your ID:
1
Name: ArmAndo
Name: Astroleg
Name: Foot20
```

    - Option 5: See existing projects→ All the products you have made by far will appear as they are your projects.

```
6
Introduce your ID:
1
Bonus: 300.0
```

    - Option 6: View bonus→ This only shows the bonus you have as an engineer for finishing a project.

```
7
Id: 1. ArmAndo
Id: 2. Astroleg
Id: 4. Foot20
Choose name of the product you want to update the price
Astroleg
Give me the new price
20000
```

- Option 7: Update price→ You will be able to change the price of a product.

```
8
Renew Contract date:
2030-05-05
Confirm your id:
1
```

o Option 8: Update contract ending date→ If your contract has been renewed, the date must be modified.

```
9
Confirm your email
silvi
Confirm your id:
4
Database is closed .
YOU HAVE BECOME UNEMPLOYED!
```

- Option 9: Quit→ If you are tired of the job, it is the only way out, you can choose to quit.

- **CUSTOMER**

```
1
Choose a bodypart:
Limb
Eyes
Limb
Id: 5. ArmAndo
Id: 6. AstroLeg
Introduce id of the product:
5
Price: 1300.0
Dimensions: 30x05x03; Weight: 10.0;Number of joints: 34;Flexibility Scale: 53
Material id: 5;Name of material: screw;Price: 3.0;Amount: 200
Material id: 6;Name of material: cobalt;Price: 120.0;Amount: 50
Do you want to add it to your cart? 1->YES 0->NO
1
```

o Option 1: View products→ It is the same as in the engineer option, but you will be able to add the product viewed into your cart to buy it later.

```
2
These are the products:

NXTeye
Are you sure you want to make the purchase?  1->YES 0->NO
1
Confirm your id:
1
```

- Option 2: Make purchase→ Once you have added some products into your cart, you can select this option to buy those products and an order will be created.

```
3
These are the products:

ArmAndo
NXTeye
Choose the name for deleting:
ArmAndo
Are you sure you want to delete that product?  1->YES 0->NO
1
```

o Option 3: Change product→If you have added some product into your cart and you do not want it anymore, this will allow you to remove the product from the cart.

```
4
Confirm your ID:
1
Order id:1
Date: 2021-05-31
Order id:2
Date: 2021-06-04
Products Id: 5
Products Id: 8
Order id:3
Date: 2021-06-04
Products Id: 8
Do you want to select a product? 1->YES 0->NO
1
Select id of product:
8
Product name: NXTeye
Dimensions: 5x5x5; Weight: 0.2;Number of joints: 0;Flexibility Scale: 0
Material id: 4;Name of material: a;Price: 200.0;Amount: 20
```

o Option 4: View other purchases→This will allow you to see other orders you have made in the past, and if you need a product, you can choose the order and the select the same product to add it to your cart and make that purchase again.

CHANGE PASSWORD

```
3
Database is closed .
Don't worry everybody makes mistakes
Please, write your email address
silvia@gmail.com
Please, write your NEW password:
silvia
Password change succesfully :)
Database connection opened.
```

If you have forgotten your previous password, you will be able to change it into a new one. You will need to confirm the email address and then select the new password.

HOPE IT WAS EASY TO UNDERSTAND. THANK YOU FOR THE PATRONAGE.

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