# The Komputer Store

You are a new developer and in need of a computer!

Build the following web application. Follow the guidelines but feel free to customize the app if you want. It **must** meet the minimum requirements prescribed.

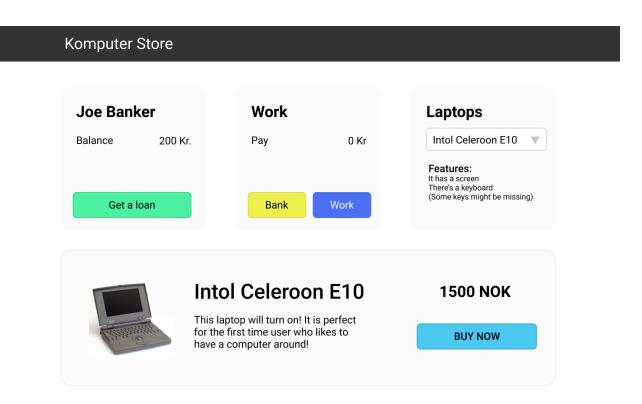
## Design

You can follow the wireframe provided or create your own design. Again, it must at least meet the minimum requirements.

#### **CSS**

Try to write the CSS yourself, it will be a great learning experience. However, you may use Bootstrap, Foundation or another CSS framework of your choice.

The application must have 3 main parts.





#### **Balance**

The bank shows a "Bank" balance in your currency. This is the amount available to you to buy a laptop.

## Outstanding Loan (Only visible after taking a loan)

Shows the outstanding Loan value

#### Get a loan

The Get a loan button will attempt to get a loan from the bank. When the get loan is clicked, it must show a "Prompt" popup box that allows you to enter an amount.

#### **Constraints:**

- 1. You cannot get a loan more than double of your bank balance.
  - a. i.e. If you have 500 you cannot get a loan greater than 1000.
- 2. You cannot get more than one bank loan before buying a computer.
- 3. Once you have a loan, you must pay it back BEFORE getting another loan



# 2. Work

### Pay

The pay amount in your currency. Should show how much money you have earned by "working". This money is NOT part of your bank balance.

#### **Bank Button**

The bank button must transfer the money from your Pay balance, to your Bank balance. Remember to reset your pay once you transfer.

#### Constraint:

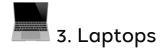
- 1. If you have an outstanding loan, 10% of your salary MUST first be deducted and transferred to the outstanding Loan amount
- 2. The balance after the 10% deduction may be transferred to your bank account

#### Work button

The work button must increase your Pay balance by 100 on each click.

## Repay Loan button

Once you have a loan, a new button should appear. Upon clicking this button, the full value of your current **Pay** amount should go towards the outstanding loan and NOT your bank account.



The laptops section has 2 parts.

Top right box:

# 3.1 Laptop selection

Use a select box to show at least 4 different laptops. Each laptop must have a unique name and price. You should find a way to store a name, price, description, feature list and image link for each laptop. The feature list of the selected laptop must be displayed here. Changing a laptop should update the user interface with the information for that selected laptop.



#### Message from The Guide Dog:

The laptops do NOT have to be in a database or any persistent storage. You may store it in a normal JavaScript variable.



#### 3.2 Info section

The large box at the bottom or the *Info section* is where the image, name and description as well as the price of the laptop must be displayed.

#### **Buy Now button**

The buy now button is the final *action* of your website. This button will attempt to "Buy" a laptop and validate whether the bank balance is sufficient to purchase the selected laptop.

If you do not have enough money in the "Bank", a message must be shown that you cannot afford the laptop.

When you have sufficient "Money" in the account, the amount must be deducted from the bank and you must receive a message that you are now the owner of the new laptop!

Have Fun!