# GOLANG progress report


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## INTRODUCTION

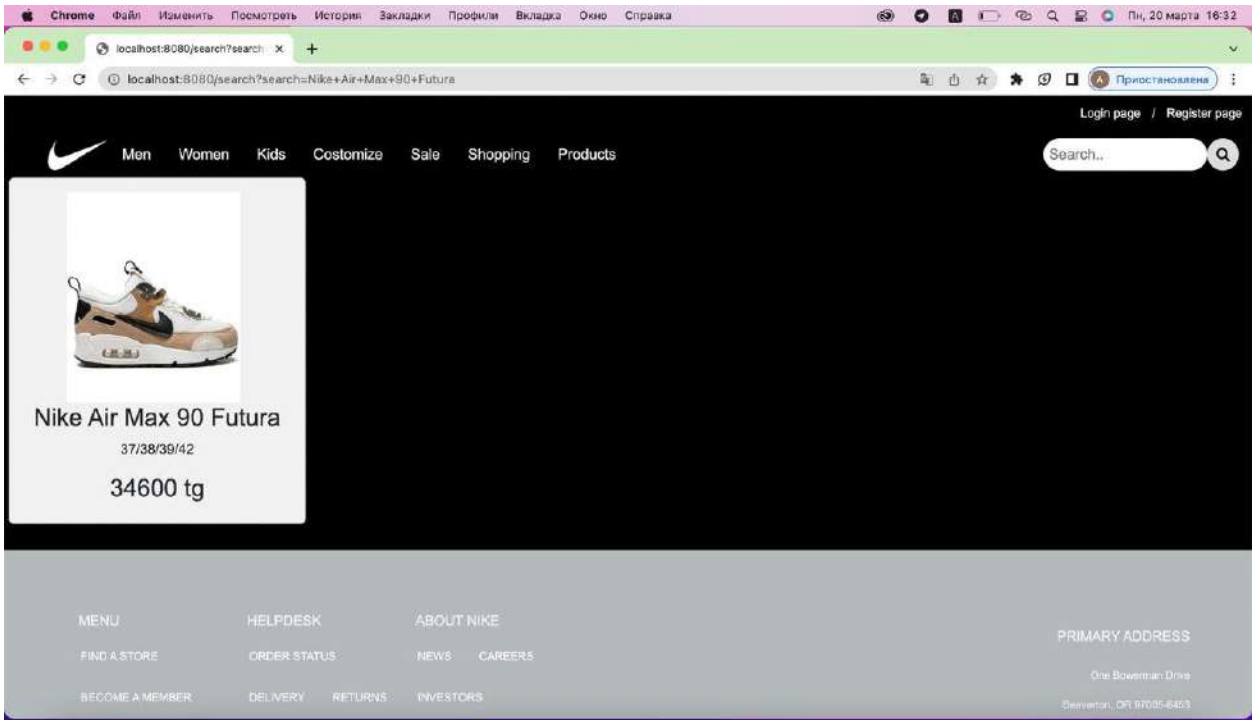
This report is about our progress during the week.There will be provided information about obstacles we met and about mistakes, plans and works were done in that period of time.

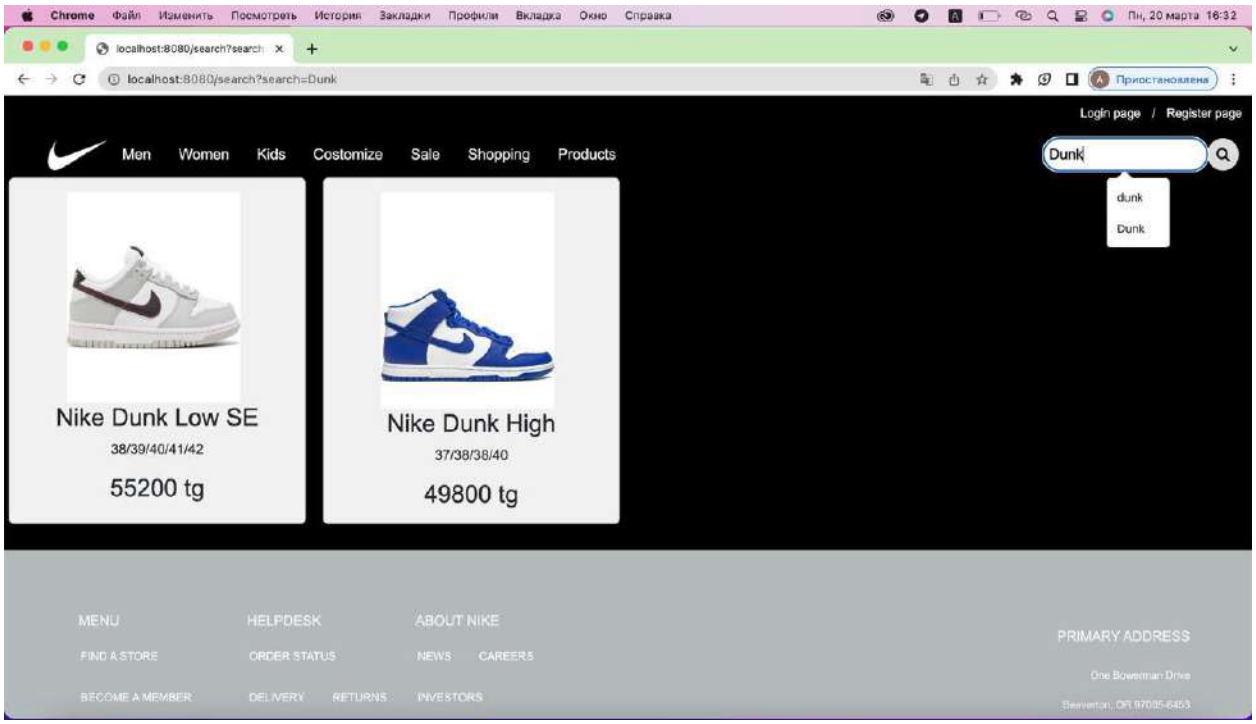
We have finished the search process.  On the right side of the header,  we created a search where you can find a needed product by entering the product's name on it. Afterwards, it takes a value of the form and by adding it to the SELECT * FROM `product` WHERE `product_name` LIKE ?", "%" + name + "%" query in the place of "?" it will select just those rows where the name contains the searched value. There is the main point that you don't need to search the exact name of a product, just searching by a word it contains is enough.

```go
func search(w http.ResponseWriter, r *http.Request){
        t, err := template.ParseFiles("templates/products.html")
        if err != nil {
            fmt.Fprintf(w, err.Error())
        }
        name := r.FormValue("search")
        db, err := sql.Open("mysql", "root:12345678@tcp(127.0.0.1:3306)/golang")
        if err != nil {
            panic(err)
        }
        defer db.Close()

        rows, err := db.Query("SELECT * FROM `product` WHERE `product_name` LIKE ?", "%" + name + "%")
        if err != nil {
            fmt.Println("Ayaaau")
            fmt.Fprintf(w, err.Error())
            return
        }
        defer rows.Close()

        var prod []Products
        for rows.Next() {
           var P Products
           err = rows.Scan(&P.Product_id, &P.Category_id, &P.Product_name, &P.Price, &P.Size, &P.Color, &P.Rating, &P.Des
           if err != nil {
               panic(err)
           }
           prod = append(prod, P)
```






## PROCEDURE

1. Completing the search process
2. Adding all required elements of the search into HTML/CSS
3. Completing and checking  the data in database

## RESULTS

We have finished the search process by providing all required steps into our code. At the same time, we improved our knowledge related to the GO.

## REFERENCES

1. https://github.com/Ayaulym2003/module_go.git