Progress Report #5

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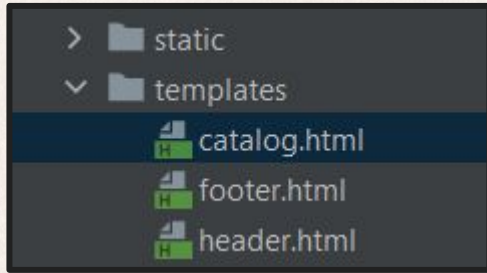
We create new table "items " in our db and insert into some items

```sql
create table items (
    item_id INT unsigned auto_increment primary key,
    item_name VARCHAR(255) not null,
    item_desc TEXT not null,
    item_price DECIMAL(10,2) not null,
    item_image VARCHAR(255) not null
);

INSERT INTO items(item_name, item_desc, item_price, item_image) VALUES ('Blue Sweatshirt with Big Lettering','sweatshirt_blue_big_lettering',18000.
INSERT INTO items(item_name, item_desc, item_price, item_image) VALUES ('Blue Sweatshirt with Small Lettering','sweatshirt_blue_small_lettering',18
INSERT INTO items(item_name, item_desc, item_price, item_image) VALUES ('Blue Sweatshirt with Full Lettering','sweatshirt_blue_full_lettering',18000
INSERT INTO items(item_name, item_desc, item_price, item_image) VALUES ('Red Sweatshirt with Small Lettering','sweatshirt_blue_big_lettering',18000
INSERT INTO items(item_name, item_desc, item_price, item_image) VALUES ('Red Sweatshirt with Full Lettering','sweatshirt_blue_big_lettering',18000.
```

Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

id	item_name	item_desc	item_price	item_image
	Blue Sweatshirt with Big Lettering	sweatshirt_blue_big_lettering	18000.00	https://raw.githubusercontent.com/YBeksultan/...
	Blue Sweatshirt with Small Lettering	sweatshirt_blue_small_lettering	18000.00	https://raw.githubusercontent.com/YBeksultan/...
	Blue Sweatshirt with Full Lettering	sweatshirt_blue_full_lettering	18000.00	https://raw.githubusercontent.com/YBeksultan/...
	Red Sweatshirt with Small Lettering	sweatshirt_blue_big_lettering	18000.00	https://raw.githubusercontent.com/YBeksultan/...
	Red Sweatshirt with Full Lettering	sweatshirt_blue_big_lettering	18000.00	https://raw.githubusercontent.com/YBeksultan/...

Created new html file "catalog" where we can search for items

```html
<!DOCTYPE html>
<html>
<head>
    <title>Items Catalog</title>
</head>
<body>
<div class="search-form">
    <form action="/catalog" method="post">
        <h1>Looking for...</h1><br>
        <div class="search-btn">
            <input type="text" id="name" name="name">
            <input type="submit" value="Search">
        </div>
    </form>
</div>
<h1>Items Catalog</h1>
<table>
    <thead>
    <tr>
        <th>ID</th>
        <th>Name</th>
        <th>Description</th>
        <th>Price</th>
        <th>Image</th>
    </tr>
    </thead>
    <tbody>
```
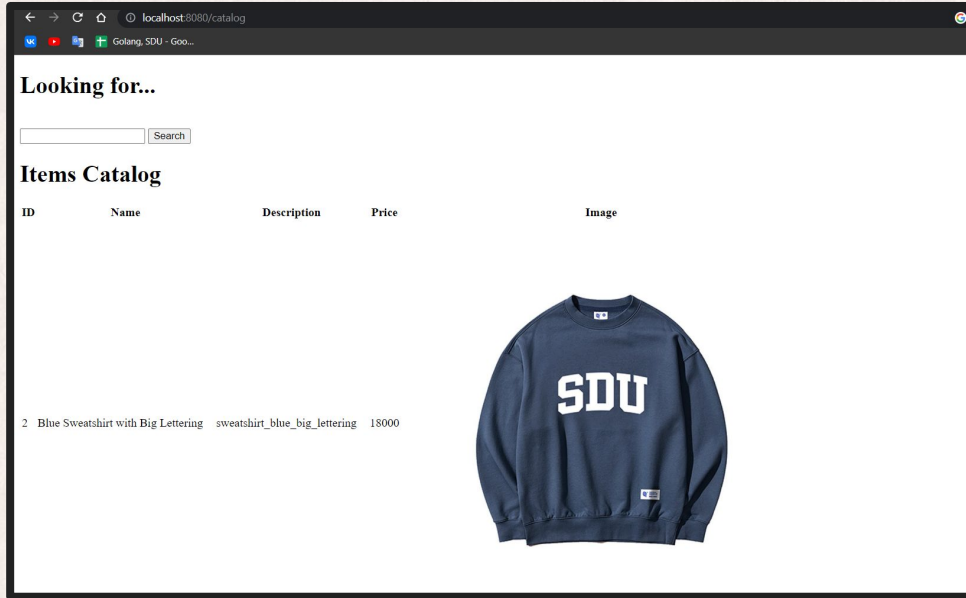
New handler function for "/catalog" link

```go
}

func catalogHandler(w http.ResponseWriter, r *http.Request) {
    if r.Method == "GET" {
        rows, err := db.Query( query: "SELECT * FROM items")
        if err != nil {
            log.Fatal(err)
        }
        defer rows.Close()

        items := make([]Item, 0)

        for rows.Next() {
            var item Item
            err := rows.Scan(&item.ItemId, &item.ItemName, &item.ItemDesc, &item.ItemPrice, &item.ItemImage)
            if err != nil {
                log.Fatal(err)
            }
            items = append(items, item)
        }

        tmpl := template.Must(template.ParseFiles( filenames...: "templates/catalog.html"))
        err = tmpl.Execute(w, items)
        if err != nil {
            log.Fatal(err)
        }
    } else if r.Method == "POST" {
        name := r.FormValue( key: "name")
        rows, err := db.Query( query: "SELECT * FROM items WHERE item_name LIKE ?", args...: "%"+name+"%")
        if err != nil {
```

This is the view of catalog.html without css, after we gonna add css and beautify it

Here is the working search function in catalog.html, it searches from database

Search

Red Sweatshirt with Small Lettering sweatshirt_blue_big_lettering 18000.00