Resources & Development Environment

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Quick Recap

We are making a 3rd grade ESL learning website

- It is meant for teachers to track and view their students reading and learning patterns

- This allows for the teacher to make better choices on what to teach and focus on

Github

- Created a group account

- Push/Pull changes

- Desktop Application/Command Prompts

- Allows us to keep track of versions

- Go back to a previous version if needed

Sleipnir

- Will be used to host the server for our ESL website

Pros

- Hosted by the school, so it's free!!!

- Allows integration of mysql

Cons

- Long URL

- Cannot be used to host the site in the long run

MYsql

- Used to store our tables that will hold the student and teacher login credentials as well as the students learning statistics

Pros

- Seamless integration with sleipnir

- Navigation and usage known by most of our group

Cons

- Not a very user friendly interface as it runs in the terminal
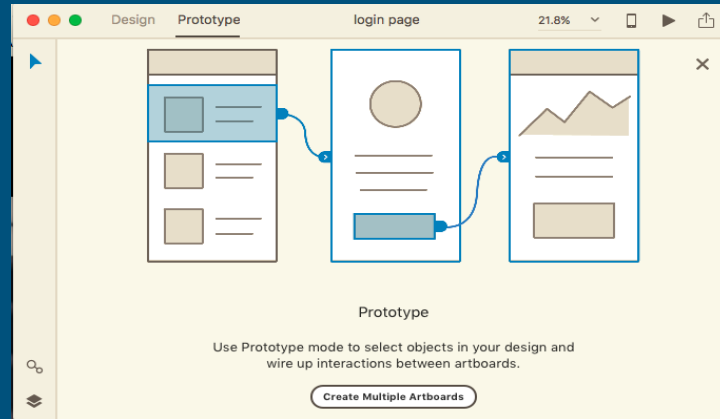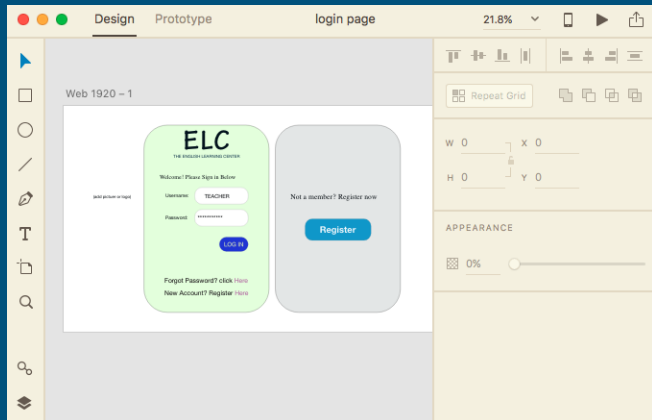
```
mysql> show columns from Login;
+----------+------------------+------+-----+---------+----------------+
| Field    | Type             | Null | Key | Default | Extra          |
+----------+------------------+------+-----+---------+----------------+
| Id       | int(6) unsigned  | NO   | PRI | NULL    | auto_increment |
| Fname    | varchar(30)      | NO   |     | NULL    |                |
| Lname    | varchar(30)      | NO   |     | NULL    |                |
| Username | varchar(50)      | YES  |     | NULL    |                |
| Status   | varchar(30)      | YES  |     | NULL    |                |
+----------+------------------+------+-----+---------+----------------+
```

Adobe XD

It is a prototyping application..

Allows for testing functionality and design.

HTML

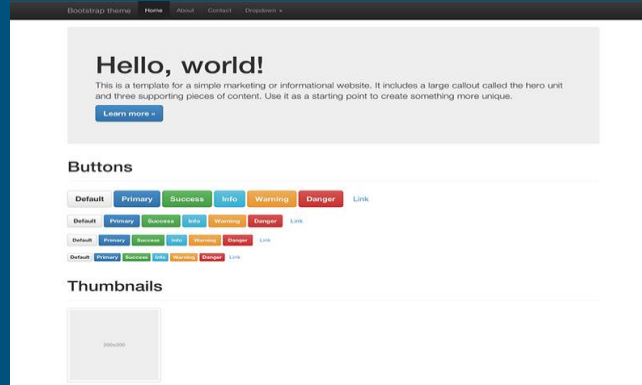Will be using Bootstrap

Advantages:
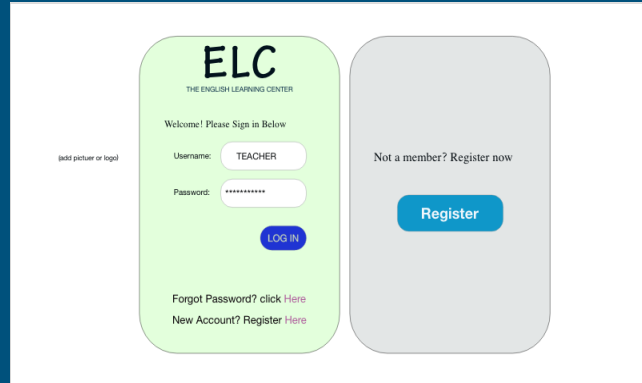
Supports responsive design

Saves a lot of development time

Consistency

Customizable

Bootstrap

Adobe XD

ESL Resources

We will be using these resources to help us make our topics for the ESL teachings

- Books

- Web articles

- Data Analyzing

- ESL Teacher