

ARchat

By: Team 5

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Our Idea

- ARchat would serve as a socializing platform that connected people with shared interests
- We imagined that the process would be easy and efficient, as it would be held on the efficient AR medium, echoAR.



Our Goal



- Our goal was to portray Bitmoji “friends,” or customized icons through Augmented Reality.
- Our medium was a website that would include buttons that would redirect the user to different tabs featuring echoAR’s amazing AR technology, with the characters being “placed” into the real world.
- We also wanted a chat feature to help people communicate with others easily.

Version 1

<> Edit file

👁 Preview changes

```
13  exclude:
14  #- README.md
15  #- CODE_OF_CONDUCT.md
16  #- CONTRIBUTING.md
17  #- screenshot.png
18  #- LICENSE
19  #- CNAME
20  #- Gemfile
21  #- Gemfile.lock
22  #- alembic-jekyll-theme.gemspec
23  #- .jekyll-cache
24
25  # 2. Installed Gems
26  plugins:
27  #- jekyll-sitemap
28  #- jekyll-mentions
29  #- jekyll-paginate
30  #- jekyll-seo-tag
31  #- jekyll-redirect-from
```

Commented everything.

Version 2

```
<form action="https://go.echoar.xyz/epPk%22%3E
  <input type="submit" value="Go to Bitmoji" />
</form>
<form action="https://go.echoar.xyz/6wDE%22%3E
  <input type="submit" value="Go to Bitmoji" />
</form>
<form action="https://go.echoar.xyz/oMDg%22%3E
  <input type="submit" value="Go to Bitmoji" />
</form>
<form action="https://go.echoar.xyz/oKwg%22%3E
  <input type="submit" value="Go to Bitmoji" />
</form>
<form action="https://go.echoar.xyz/2XBW%22%3E
  <input type="submit" value="Go to Bitmoji" />
</form>
<form action="https://go.echoar.xyz/Jb1E%22%3E
  <input type="submit" value="Go to Bitmoji" />
</form>
<form action="https://go.echoar.xyz/KSdh%22%3E
  <input type="submit" value="Go to Bitmoji" />
</form>
<form action="https://go.echoar.xyz/k7n1%22%3E
  <input type="submit" value="Go to Bitmoji" />
</form>
<form action="https://go.echoar.xyz/n31S%22%3E
  <input type="submit" value="Go to Bitmoji" />
</form>
<form action="https://go.echoar.xyz/xw8V%22%3E
  <input type="submit" value="Go to Bitmoji" />
</form>
```

Bitmoji Button Code.

Version 3

```
# 7. Site settings
encoding: utf-8 # Make sure the encoding is right
lang: en-GB # Set the site language
title: "VRchat" # Site name or title, also used in
description: "VRchat is a platform for people to cc
url: "https://jipwark.github.io" # Site url, also u
baseurl: "/ARchat/"
repo: "https://github.com/daviddarnes/alembic"
# disqus: "alembic-1" # Blog post comments, uncommen
# google_analytics: ''
# google_analytics_anonymize_ip: ''
# service_worker: false # Will turn off the service
css_inline: true # Will insert all styles into a si
```

Website text editing.

Our Website

[Home](#) [Search](#)

Alembic

A Jekyll boilerplate theme designed to be a starting point for any Jekyll website

About Alembic

Alembic is a starting point for [Jekyll](#) projects. Rather than starting from scratch, this boilerplate is designed to get rolling immediately. Install it, configure it, tweak it, push it.

Fork it



Buy me a coffee



Tweet it



Install Alembic



Features

Chat Feature

```
Files  index.html  script.js  style.css

index.html
1  <?php
2
3  session_start();
4
5  if(isset($_GET['logout'])){
6
7      //Simple exit message
8      $logout_message = "<div class='msgln'><span
9      class='left-info'>User <b class='user-name-left'>". $_SESSION
10     ['name'] . "</b> has left the chat session.</span><br></div>";
11     file_put_contents("log.html", $logout_message, FILE_APPEND |
12     LOCK_EX);
13
14     session_destroy();
15     header("Location: index.php");
16     //Redirect the user
17 }
18
19 if(isset($_POST['enter'])){
20     if($_POST['name'] != ""){
21         $_SESSION['name'] = stripslashes(htmlspecialchars($_POST
22         ['name']));
23     }
24     else{
25         echo '<span class="error">Please type in a name</span>';
26     }
27 }
```

Code for user login/logout & messaging.

```
Files  index.html  script.js  style.css

style.css
1  {
2      margin: 0;
3      padding: 0;
4  }
5
6  body {
7      margin: 20px auto;
8      font-family: "Hind";
9      font-weight: 300;
10 }
11
12 form {
13     padding: 15px 25px;
14     display: flex;
15     gap: 10px;
16     justify-content: center;
17 }
18
19 form label {
20     font-size: 1.5rem;
21     font-weight: bold;
22 }
23
24 input {
25     font-family: "Hind";
26 }
```

Code for viewing the chat boxes.

Chat Feature

Name inputs →

Please enter your name to continue!

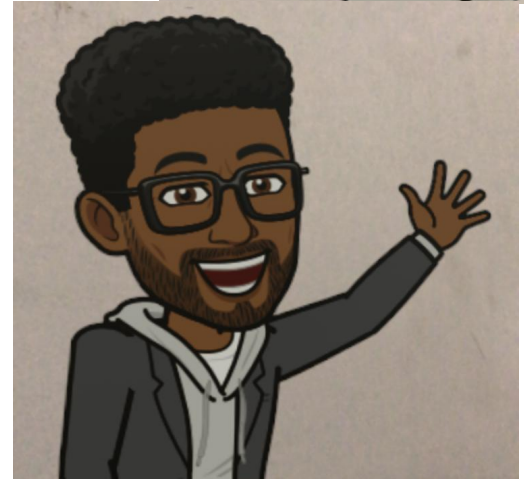
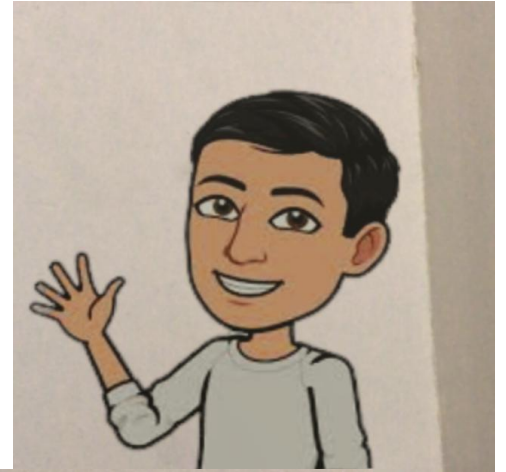
Name —

Welcome,

← Chat box

AR Feature

- Anyone can meet new people in the comfort of their own homes by using our AR Bitmojis
- If we plan to grow this software, we will work on getting real people talking through AR



Resources Used

- PHP
- HTML, CSS, and JavaScript (basic Web languages)
- Coding Repository: Github
- Repil.it
- Web templates from Gabriel Nava & Jekyll
- Workshops 1, 2 and 3
- Bitmoji
- echoAR
- The Volunteers (especially David)

Thank You!!