

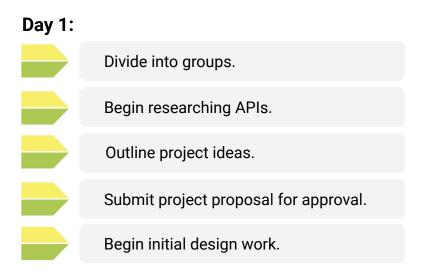
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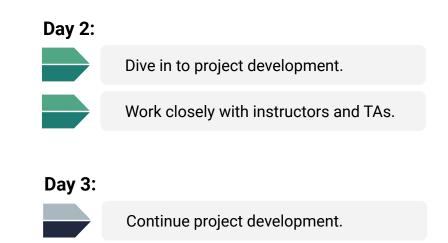
# Project Week Overview

## You Made It to Project Week!



## **Project Week at a Glance: This Week**





## **Project Week at a Glance: Next Week**

#### **Day 4:**



Continue project development.

#### **Day 5:**



Continue project development.



Prepare for presentations.

#### Day 6:



Give presentations!

#### The Great Push



Take Project Week seriously.



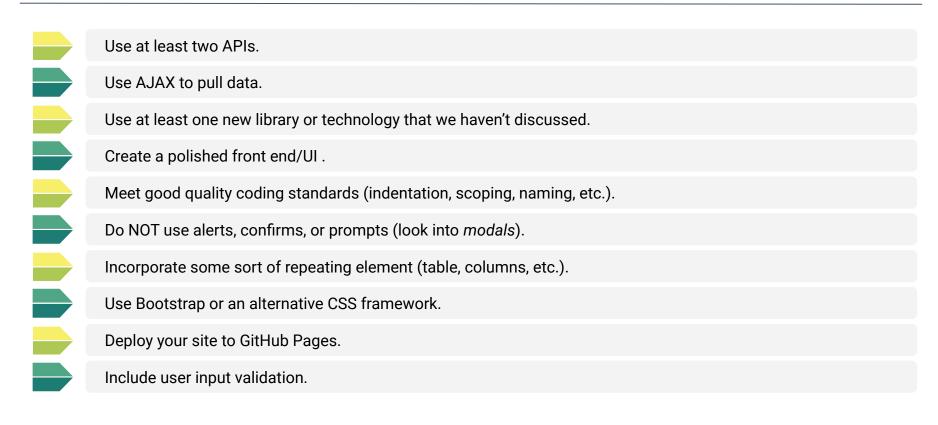
Use Project Week as an opportunity to push yourself and prove what you know.



Because you DO know!

# **Project Teams**

## **Project Requirements**



### **Bonus**



Utilize Firebase for persistent data storage.



Make your site mobile responsive.



Use an alternative CSS framework such as Materialize.

## **Presentation Requirements**

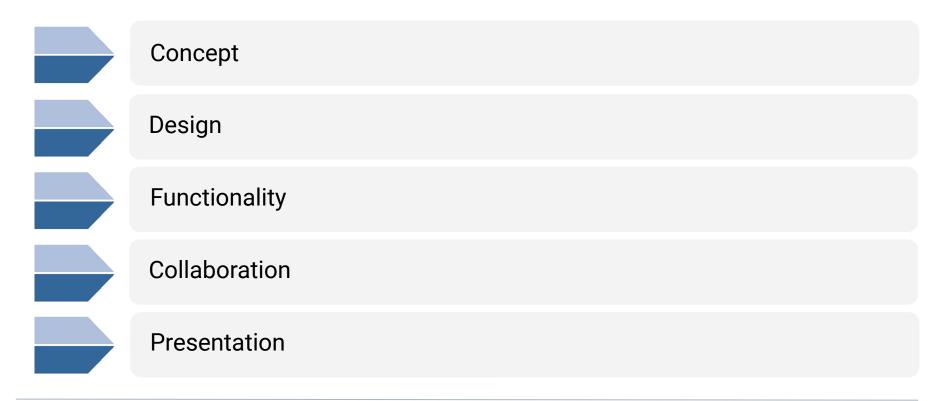
You will be responsible for preparing a formal, 10-minute presentation that covers the following:





## **Project Metrics**

Your project will be evaluated on the following:



### **Awards**

Projects will receive awards in the following areas:



Best UI/UX



Best Use of Tech



**Most Creative** 



Most Useful



## **API Suggestions**

Stick to APIs that do all of the following:



Allow cross-origin resource sharing (CORS)



Require simple or no authentication



Return a JSON response

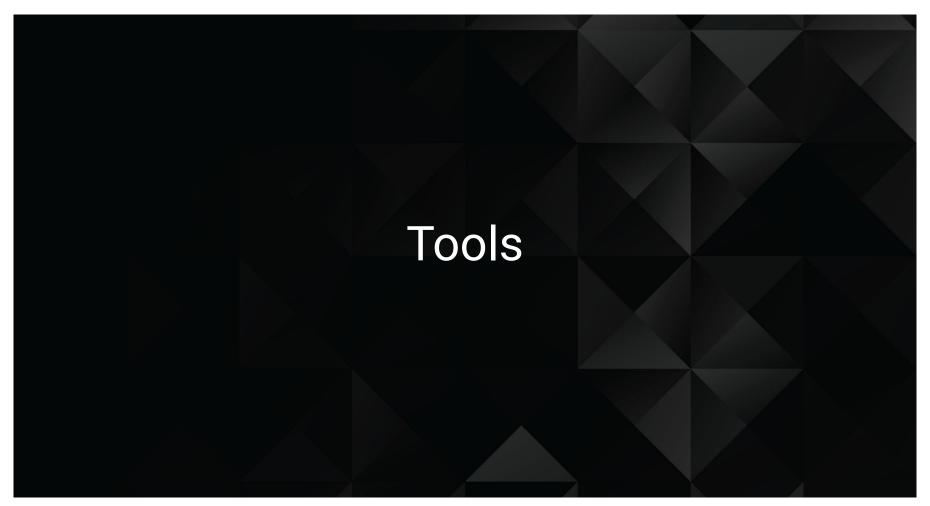


Are well documented

## **API Suggestions**

Find a collective list (updated daily!) of free APIs for use in software and web development here: <a href="mailto:public-apis">public-apis</a>

Spotify	Pinterest
Reddit	Google
YouTube	Tumblr
LinkedIn	OpenStreetMap
SoundCloud	Giphy
Wikipedia	BitCoinCharts
Flickr	Stack Exchange

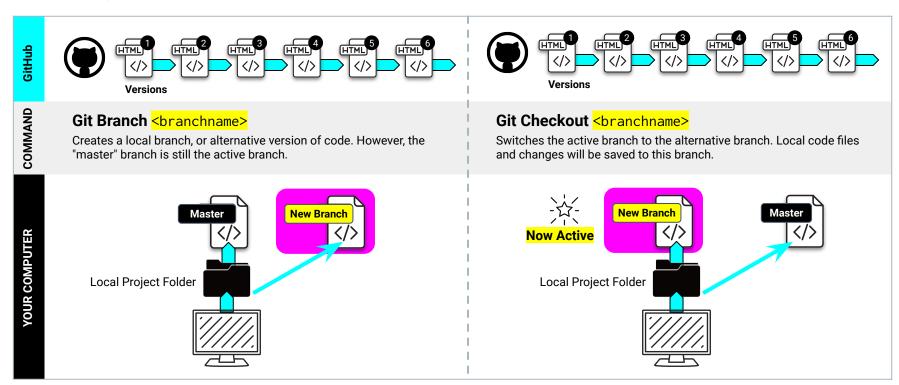


### **Collaboration Is Critical!**



## GitHub Pull Requests

GitHub pull requests are a great way to "combine" code when multiple users are working on the same files. We'll show you how to use this feature in the next class.



GitHub Issues are a great way to keep track of bugs, feature requests, and more.

GitHub Projects is a great project management tool for creating to-do lists and communicating updates.



## **Example Project Ideas**

#### **Event Searcher:**





Users type in the name of their favorite sports team.



Using the SeatGeek API, your web application points users to the time and location of the team's next game.



The web application also provides users with an eBay link to purchase memorabilia associated with the team.

## **Example Project Ideas**

**UN Data API:** 





Use the unofficial UN Data API to search a user-specified country's health records.



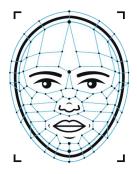
Use a secondary data source (Google Maps, Flickr, YouTube, etc.) to provide additional context or data.



Examples: per capita government expenditures on health; number of physicians; deaths due to HIV, malaria, etc.; low-birth-weight newborns.

## **Example Project Ideas**

#### **Facial Recognition:**





Use the Face++ API.

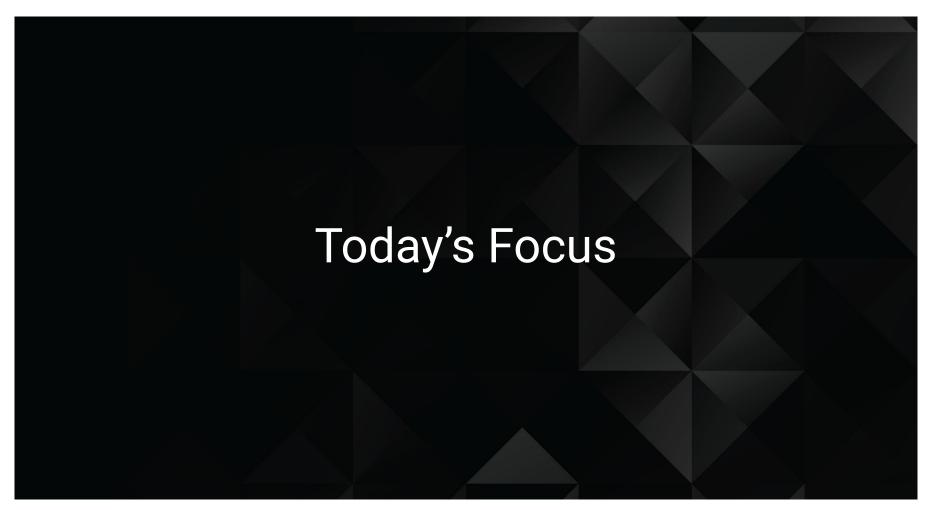


Allow users to provide a link to a facial image, and then provide viewers with information about the image's gender, race, age, and whether they are wearing glasses.



# Or just do your own thing.

Be creative! Be ambitious!



## **Today's Project Checklist**

