

Capstone 2 Ideas

1. An application which will track the weather by location .
 - Can use an external API to query data for weather.
 - Can allow users to search different locations, set favorite locations, and search various weather data.
 - In the end this would use an external API to get the data, and our own API endpoints to add functionality to our application.
2. An application that will track NFL player and team stats.
 - Can use an external NFL API for stats, schedules and player/team data.
 - Users can register/login, set favorite players/teams, make game predictions, etc.
3. **An application that provides random cat images and facts**
 - **Can use external cat API to provide the data.**
 - **Users can register/login, see random cat images/facts, favorite cats, explore different cat breeds, etc.**

At this point, I think I'd prefer to do the Random cat image and facts option

Capstone Step 2

Project Proposal

1. What tech stack will you use for your final project? We recommend that you use React and Node for this project, however if you are extremely interested in becoming a Python developer you are welcome to use Python/Flask for this project.
2. Is the front-end UI or the back-end going to be the focus of your project? Or are you going to make an evenly focused full-stack application?
3. Will this be a website? A mobile app? Something else?
4. What goal will your project be designed to achieve?
5. What kind of users will visit your app? In other words, what is the demographic of your users?
6. What data do you plan on using? How are you planning on collecting your data? You may have not picked your actual API yet, which is fine, just outline what kind of data you would like it to contain. You are welcome to create your own API and populate it with data. If you are using a Python/Flask stack are required to create your own API.

Project Proposal

	Description	Fill in
Stack Focus	Is the front-end UI or the back-end going to be the focus of your project? Or are you going to make an evenly focused full-stack application?	This would likely need to be a full-stack application.

Type	Will this be a website? A mobile app? Something else?	A website but it could later also be made into an app.
Goal	What goal will your project be designed to achieve?	To provide cat lovers with random cat photos and facts.
Users	What kind of users will visit your app? In other words, what is the demographic of your users?	Users will consist of individuals who love cats.
Data	What data do you plan on using? How are you planning on collecting your data? You may have not picked your actual API yet, which is fine, just outline what kind of data you would like it to contain. You are welcome to create your own API and populate it with data.	Would use an external API to get the cat data, likely the Randomcat API and the Cat Facts API. User data would be collected and viewable to the user.