# On This Day in Space

Is COVID boredom a problem in your life?

Do you ever wonder what is happening in space on any given day?

Did any space launches happen around the world?

Then On This Day in Space is the application for you! Put in any day and month and receive a NASA backed photo and see if there was a space launch!

Our motivation for the application came from a deep love of space, all things NASA and being able to create something that could cause even a small moment of distraction from... well... everything.

So give it a try and see what space was doing on a date special to you or just a random day.

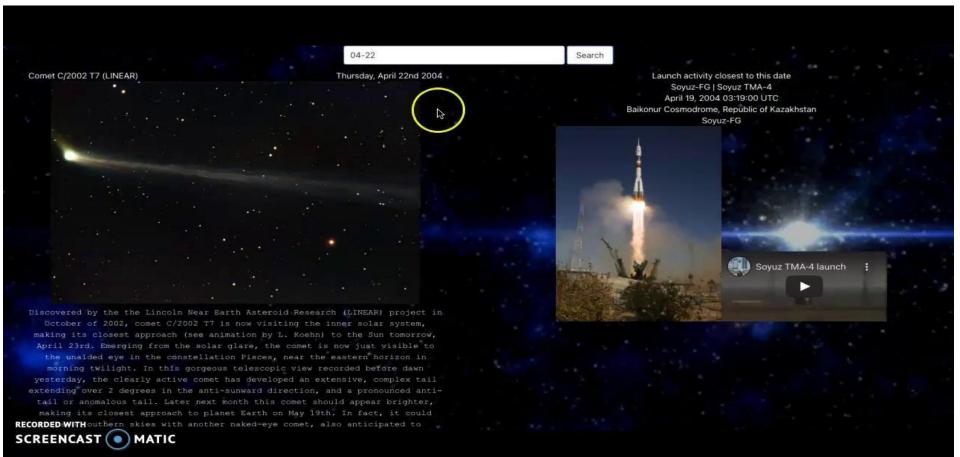
### Concept

- A website that gathers data from Nasa and Launch Library to help you explore space! Enter a date into the search bar and you will see 4 images from space on that date as well as launch information for the closest launch to the date you searched.
- Not only is it really interesting to look at space but learning about it and how we interact with it all in one place makes it easy, fun, and convenient to learn about something new!
- AS A user (this application is not only directed to one specific user but anyone who would like to use it)
   I WANT to see a photograph from that day in space and launch data if there is any SO THAT I can see photos of space and know if there were launches

### **Process**

- Bulma was used for our CSS Framework. We also used JavaScript, jQuery, and 2
   APIs (Nasa and Launch Library)
- Aaron Parnell and Ilya Libershteyn handled the back end of the project and Rowan Oliver, Erickson Powell, and Lauren Plenger handled the front end.
- The main challenge that we faced in this project was our image carousel. It was a
  new element for most of us and figuring out how to get the information from the
  APIs to display and function properly took a lot of collaboration and effort on
  everyone's part.
- We turned the carousel from a challenge into a success and created the code for it from scratch. The teamwork and collaboration seemed to flow effortlessly and everyone showed up willing to work hard on this at every meeting.

# Demo



## Directions for Future Development

For future development, we would like to see additional information from other APIs that might include but are not limited to:

- Weather on Mars on the corresponding sol date
- Pictures from the Hubble Telescope
- Photos of Earth from space on a given date

### Links

- https://epowelldev.github.io/p01-on-this-day-in-space/
- <a href="https://github.com/epowelldev/p01-on-this-day-in-space">https://github.com/epowelldev/p01-on-this-day-in-space</a>