

This app will have several important concepts listed below:

-A landing page to introduce people to the site and what it does, this can display information about the weather if you want but it doesn't require it.

-A nice way of navigating through the site, this can be a nav bar or something else but it should be intuitive. If you can, try doing something more creative than a nav bar if you can, think of this as an app that you are going to use.

-Portfolio quality project. This is the final project of the year and should be the best one you've done. You have all the tools that you need to create the best project that you have all year. Make something that you are proud of, and can show off to future employers

-SDLC. This should include AGILE development practices and that includes a todo list with people who are delegated tasks. Using something like react will make it very easy for each person to work on their own components and combine them together. PLEASE DO THIS ON THE README.md

-Responsive Design with Bootstrap. You can download the react-bootstrap library to help, this works the exact same way as standard bootstrap so you can still use their templates.

-A(n) .SCSS file for all of your styles, you can use partials and import if you want but that is not required. Your file needs to have comments separating all of the components with proper naming, All of your components should have a unique className attached to them for styling purposes

Tasks (4 pages):

Index-Princeton

Weather-Hanad

About-us-Ethan

Weather Stories-Maverick

Color Scheme: Blue (background), Orange (highlight specific things), and White (text color)

Weather Company Name: Arizona Weather

Link for icon search: <https://styled-icons.js.org/>

## Task Log

5/11/21:

Princeton: Working on navbar and routing pages

Hanad: Working on fav con

Ethan: Working on a carousel and making a wireframe of the page

Maverick: Writing Prompts for News Stories

5/12/21:

Princeton: Working on home page

Hanad: Working on fav con

Ethan: Switched designs to cards and updated them

Maverick: Created stories component and a story component, having image source directory issues

5/13/21:

Princeton: Working on home page

Hanad: Working on fav con

Ethan: Finished up the cards/AboutUs page-Added finishing touches.

Maverick: Recreated component for story with react bootstrap instead, settled upon using urls for the images

5/14/21:

Princeton: Getting accurate weather and day info for home page with react-open-weather

Hanad: Weather Page

Ethan: Fixed the gap issue on the AboutUs page/worked on the mockup

Maverick: Finalized the layout system for the stories page

5/17/21:

Princeton: Tried dark mode, didn't work out.

Hanad: Weather Page

Ethan: Added a carousel to the AboutUs page and restyled some things

Maverick: Added subtitle to card component, began writing prompts in cards

5/18/21:

Princeton: Home page/css fixes

Hanad: Weather Page

Ethan: Finished the story on the AboutUs page and fixed the carousel controls

Maverick: Writing prompts in cards

5/19/21:

Princeton: Working on SDLC/Read me

Hanad: Weather Page

Ethan: Finished the AboutUs page and worked on the mockups

Maverick: Finished card prompts, writing comments for three components (story, story row, stories)

5/20/21:

Princeton: Worked on merging branches and touching up the site.

Hanad: Weather Page

Ethan: Fixed issues on the AboutUs page and finished mockups

Maverick: ABSENT (travelling to Mexico)

5/20/21:

Princeton: Done

Hanad: 30 day weather Page

Ethan: Done

Maverick: Done

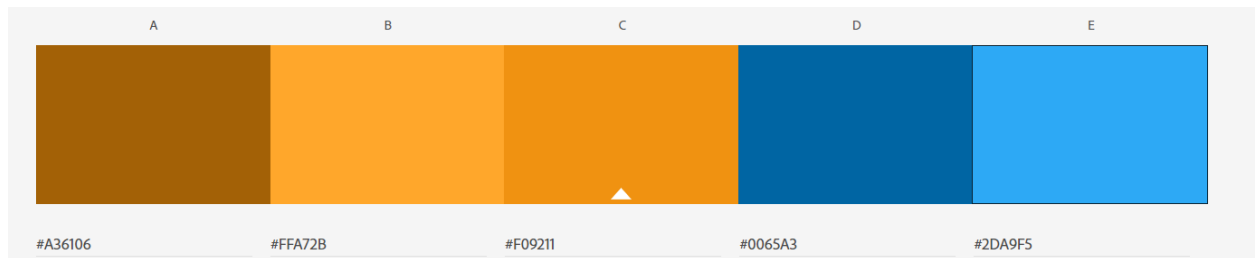
5/20/21:

Princeton: Helped styling on the 30 day weather component.

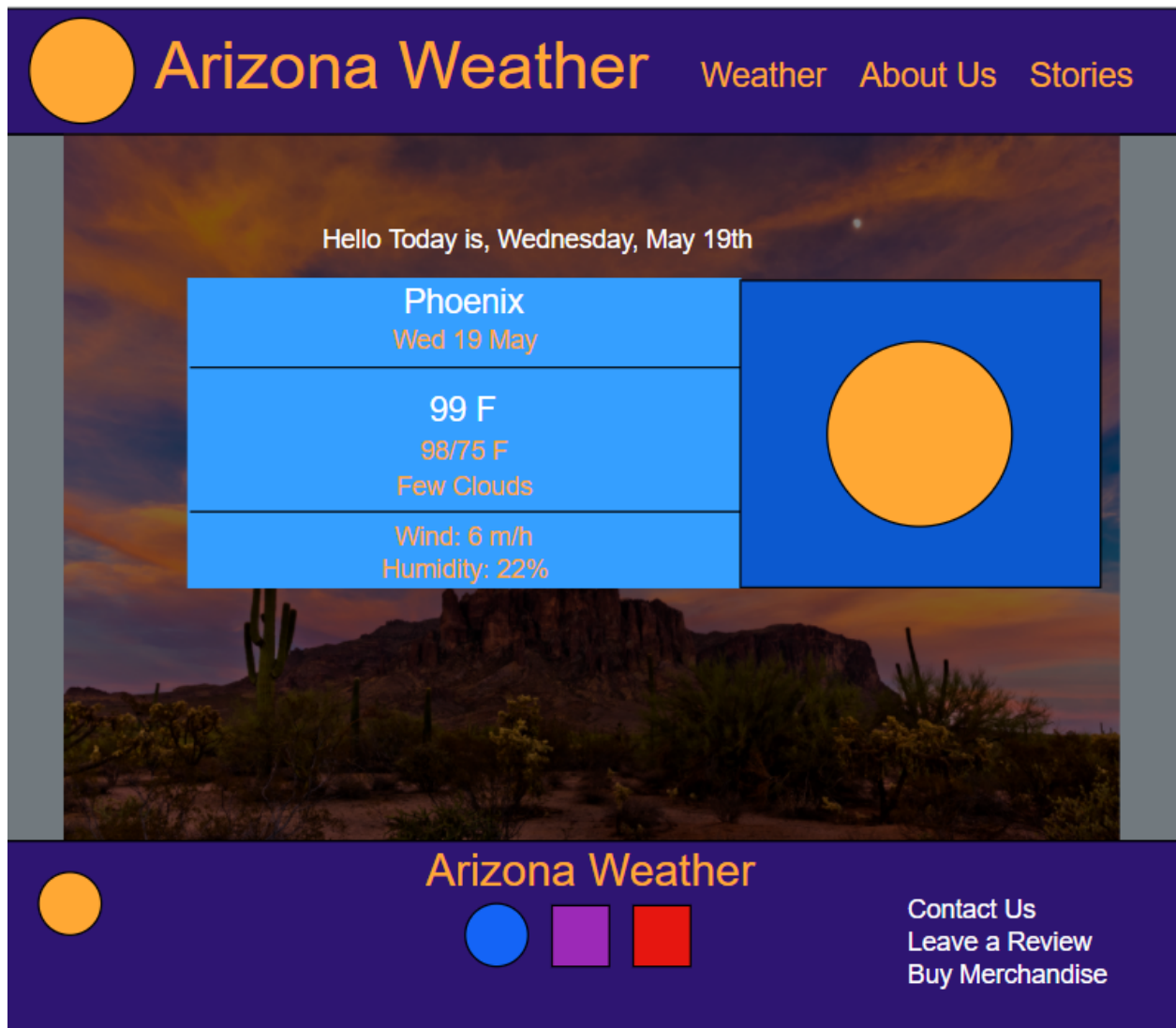
Hanad: 30 day weather Page

Ethan: Done

Maverick: Done



## Mock-Up





## Arizona Weather

### Our Mission

Provide consistent weather and forecast updates for Arizonans to keep them safe and informed.



### Our Vision

Every Arizonan is informed and prepared to deal with weather endangerments.



### Our Goals

- Teach more Arizonans about possible weather endangerments
- Inform Arizonans about the current weather as soon as possible
- Put safety precautions in place to prepare for a safer future

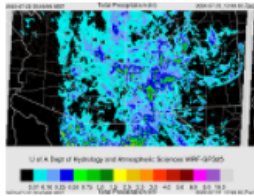




## How we retrieve data.

### Our Methods

We use the newest and most accurate methods to ensure accurate forecasts.



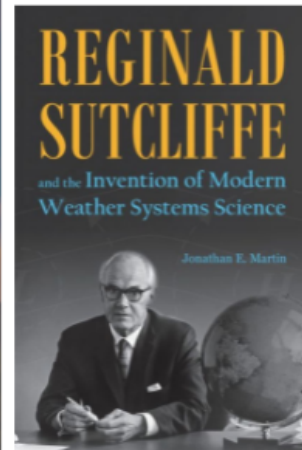
The exact methods that we use for our forecasts are Deterministic forecasting and Probabilistic forecasting.

### Our Tools

We are using new technology like portable dust generators and Doppler Radars.



### Our Ideas





## The Past of Arizona Weather

### Introduction

Arizona Weather was founded on February 14th, 1949. It was founded by Abe Cleveland and George Storm. Abe and George thought it was important to provide Arizonans with up-to-date weather reports to ensure everyone's safety.

### Part One - Loss

Abe was walking down the street on his way to his brother's wedding. He was the best man so he had to be on time and have the ring. He had 6 hours before he needed to be there. He kept the ring in his right jacket pocket in a black wooden case. Every 5 minutes he would check to make sure he still had the ring in his pocket. After his fifth check, he saw a dust storm heading straight for him. He pulled the case out of his pocket and held it tightly in his right hand to make sure he wouldn't lose it. He ran and tried to hide behind a sign but it didn't work. His suit was covered in dirt. He didn't care too much but then he noticed that the case was no longer in his right hand. He looked everywhere around him and couldn't find it. He checked his pocket about 30 more times before he realized that the dust storm must have knocked it out of his hands and into the nearby river. He knew that the ring was the most important thing and was necessary for the wedding to be





5/19/2021

**Lightning Strike in Prescott**  
During the rainstorm in Prescott, originated in Flagstaff, a lightning strike cut off power in several neighborhoods. The lack of power lasted from 1 to 2 hours in each neighborhood.



5/19/2021

**Prescott Residence Taking Advantage After Rainstorm**  
Due to citizens ignoring our accurate weather forecasts, flooding ensued and drowned the streets of Prescott. Here we see a citizen making light of the situation by canoeing down his neighborhood.



5/22/2021

**High Wind in Tucson**  
Over the past couple of days, Tucson has been experiencing some immense wind, not enough to cause severe damage, so far. However, it's recommended citizens remain indoors for their safety.



5/18/2021

**Showers in Northern Arizona**  
There have been consistent showers in Flagstaff Arizona. The weather is set to move to near Prescott, whilst gradually developing into a rainstorm.



5/16/2021

**Before Monsoon Season Arrives...**  
Monsoon season is soon to arrive. To prepare, we'd like you to keep in mind that you should always check the weather forecast before driving and wait out an potential storms, as they often pass by quickly. With slick roads and low visibility from



5/14/2021

**Temperatures Starting to Hit 100 Degrees in Phoenix**  
Phoenix has been consistently seeing 100 degrees Fahrenheit over the last few weeks and is set to go above that in just a few weeks.







# Arizona Weather

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Today

10 Days

Monthly



95°F

Precipitation: 0%

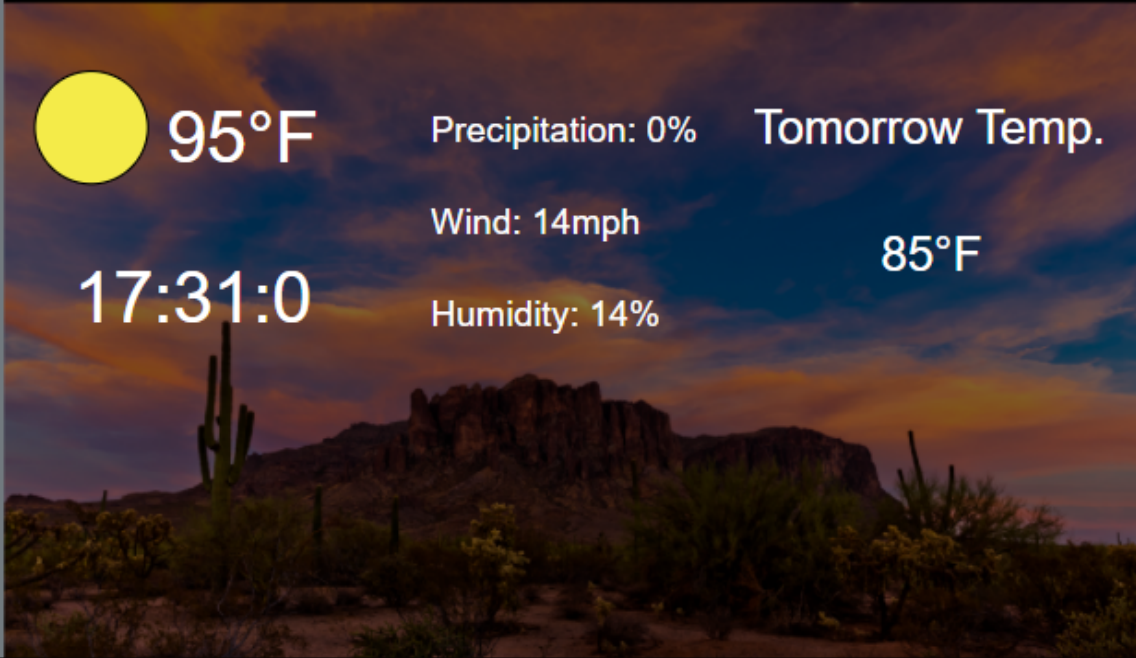
Tomorrow Temp.

Wind: 14mph

85°F

17:31:0

Humidity: 14%



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Today

10 Days

Monthly

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
27 Partly Sunny Actual: 48° / 28° 0 in	28 Partly Sunny Actual: 38° / 28° 0 in	29 Snow Actual: 44° / 28° 0.27 in	30 Snow Actual: 38° / 1° 0 in	31 Mostly Sunny Actual: 57° / 3° 0 in	1 Partly Cloudy Actual: 32° / 12° 0 in	2 Partly Sunny Actual: 35° / 18° 0 in
3 Partly Cloudy Actual: 52° / 31° 0 in	4 Mostly Sunny Actual: 59° / 36° 0 in	5 Partly Sunny Actual: 65° / 36° 0 in	6 Rain Actual: 48° / 35° 6.47 in	7 Rain Actual: 44° / 37° 8.11 in	8 Rain Actual: 55° / 33° 9.37 in	9 Mostly Sunny Actual: 33° / 24° 0 in
10 Partly Cloudy Actual: 36° / 24° 0 in	11 Cloudy Actual: 37° / 31° 0 in	12 Snow Actual: 38° / 26° 0.7 in	13 Rain Actual: 42° / 33° 6.06 in	14 Partly Sunny Actual: 46° / 33° 0 in	15 Mostly Cloudy Actual: 56° / 41° 0 in	16 Partly Cloudy Actual: 48° / 32° 0 in
17 Rain Actual: 37° / 26° 6.04 in	18 Rain Actual: 42° / 26° 0.1 in	19 Partly Sunny Actual: 36° / 24° 0 in	20 Snow Actual: 32° / 26° 6.59 in	21 Rain Forecast: 52° / 34° 0 in	22 Cloudy Forecast: 45° / 32° 0 in	23 Cloudy Forecast: 42° / 35° 0.72 in
24 Rain Forecast: 58° / 28° 6.57 in	25 Partly Cloudy/Wind Forecast: 43° / 27° 0 in	26 Sunny Forecast: 37° / 25° 0 in	27 PM Rain/Snow Showers Forecast: 37° / 25° 0 in	28 Sunny Forecast: 37° / 28° 0 in	1 Mostly Sunny Forecast: 42° / 32° 0 in	2 PM Showers Forecast: 43° / 24° 0 in



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