



**Drone  
Copilot**

**Team 32's solution to the challenge  
'Don't Crash My Drone'**

**[dronecopilot.azurewebsites.net/](http://dronecopilot.azurewebsites.net/)**

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# In short

**DroneCopilot is an application that allows small drone and multi-copter operators to fly safely and avoid crashing their drones.**





# The Problem

- Amateurs and professionals around the Globe enjoy flying their aerial friends.
- Potential hazards are present:
  - No-fly zones
  - Restricted access areas
  - Specific weather conditions (low visibility, fog, rain...)
  - Tall buildings / urban areas
  - Vegetation
  - Etc.







# The Solution?

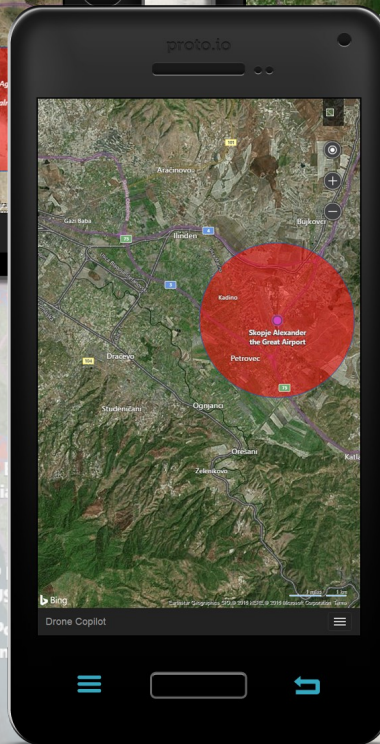
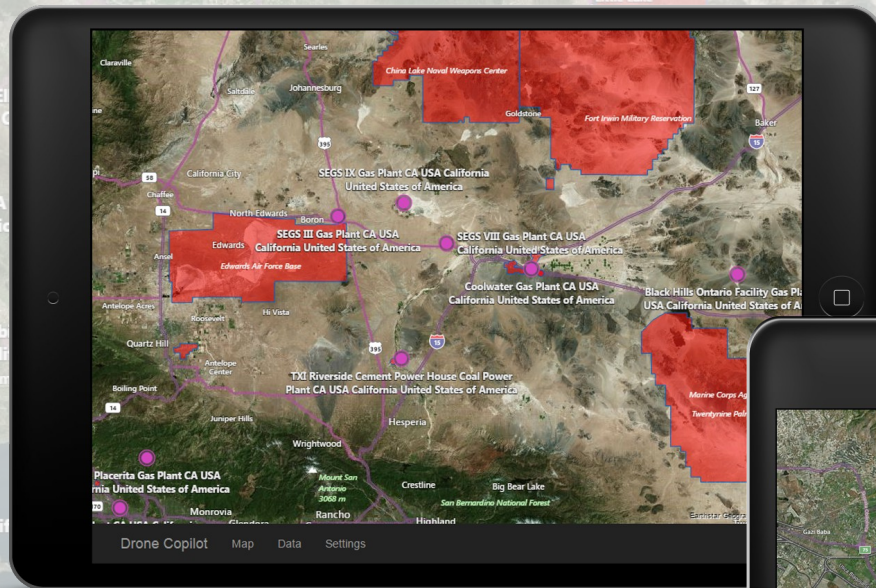
# Our Drone CoPilot App!

[dronecopilot.azurewebsites.net/](https://dronecopilot.azurewebsites.net/)





# An application for the WWW





# Our Approach

- Responsive design (for compatibility with as many devices as possible)
- Presentation of important data in layers
- Data is visualized on top of a geographic map
- Use of location services
  - Accurate positioning
  - Immediate view of surroundings on map
  - Fast access to visual data

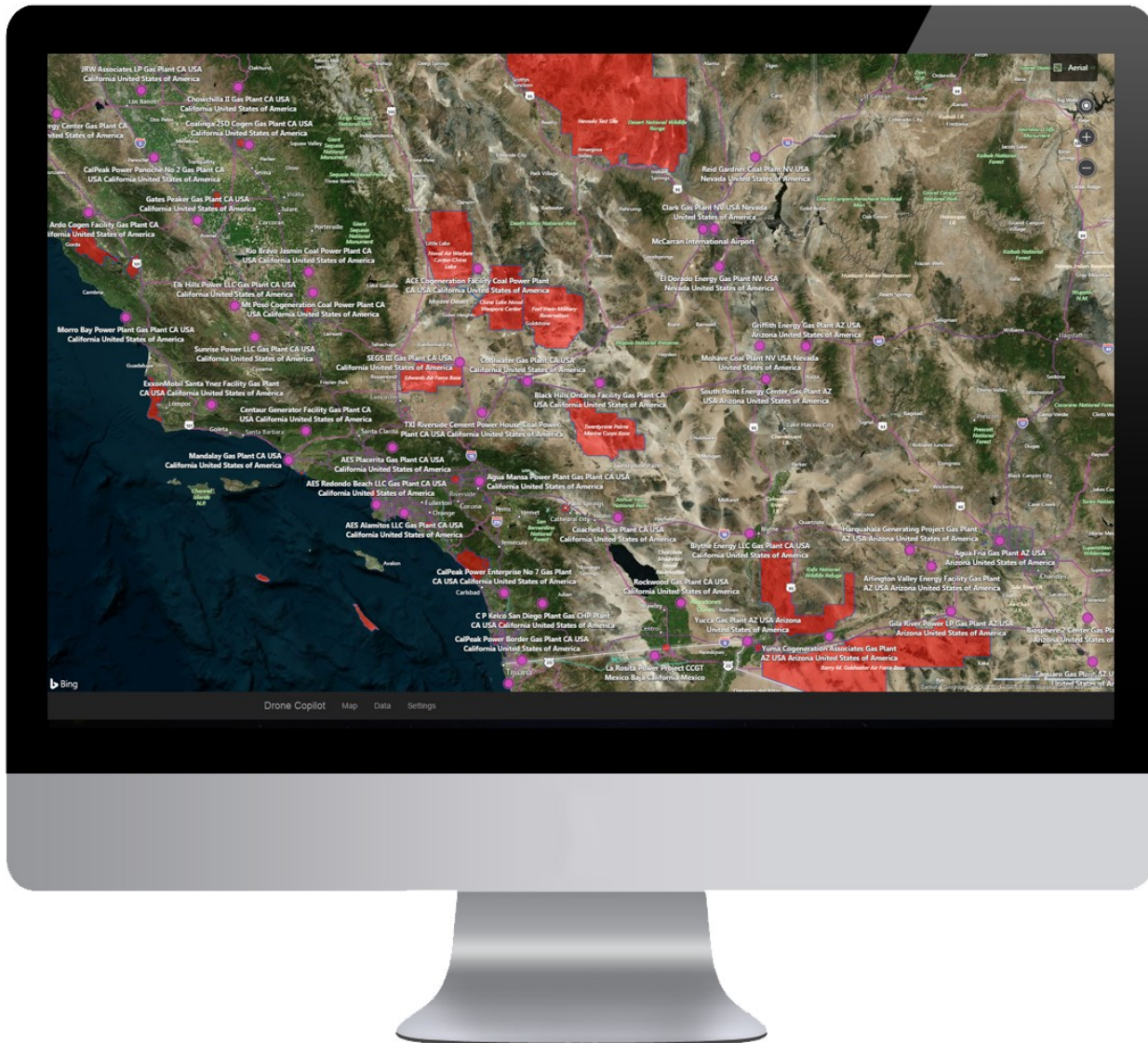




# Map view

# Map ->

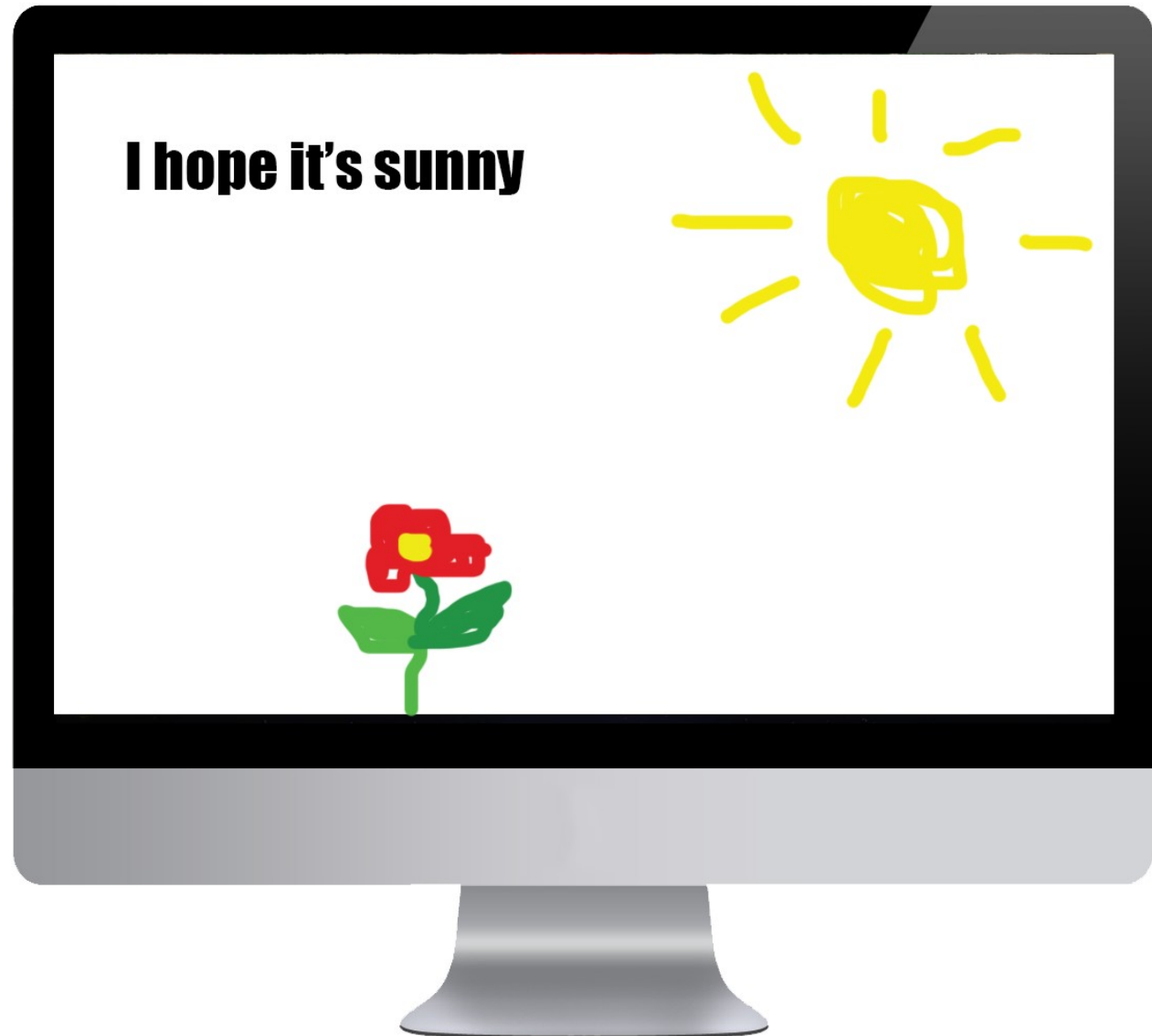
# Menu ->



# Weather Data View

Data  
Goes  
Here

->





# We're Team 32.

## Now, let's see Drone Copilot Live! [dronecopilot.azurewebsites.net](https://dronecopilot.azurewebsites.net)

