# Roles:

Toni:

* 3D Topographic Heat Map
  + Countries
    - UK X
    - US X
    - China X
  + PM2.5 concentrations by height FILES UPLOADED
  + NO2 and O3 also if time
  + Going to 3D print these countries

Tvisha:

* Historical Trends 2D Maps (10 country individual maps, 1 all 10 countries map, 6 continents individual maps, 1 all 6 continents map) (All pollutants on all maps)
  + Countries
    - UK
    - US
    - China
    - Finland
    - India
    - Germany
    - Iraq
    - Chad
    - Japan
    - South Africa
  + Continents (no Antarctica)
  + 1750-2019
  + NO2, CO, and SO2 priority 1
  + NH3, Org. C, Blk. C, NVOCs priority 2

Will:

* Health Trends 2D Maps (10 condition mortality rate individual maps, 1 all 10 condition mortality rate map) (All pollutants on all maps)
  + Conditions
    - Mental health
    - COPD (chronic obstructive pulmonary disease)
    - Lung cancer
    - Lower respiratory infection
    - Stroke (Cerebrovascular disease)
    - General respiratory
    - General cardiovascular
  + PM2.5, NO2, O3 comparisons
* Video voice over

Noah:

* Heat Maps
  + Countries
    - UK
    - US
    - China
  + Pollutants
    - CO
    - NO2
    - O3
    - PM2.5
    - PM10(US only)
    - SO2 (US only)
* Website

Thomas:

* Environmental Trends (3 focuses individual maps, 1 all 3 focuses map) (All pollutants on all maps)
  + Focuses
    - Forest loss
    - Water acidification
    - Planet index
  + NO2, O3, and PM2.5 priority 1
  + CO, SO2, PM10 priority 2
* All graph animations

Cecilia:

* Research
  + Figure out what datasets everyone will need
* Video
  + Public service announcement
  + Duck and cover parody

# Brainstorming:

### Ideas:

1. Pollution
   1. Global
   2. India
   3. Tabriz
   4. Seoul, Korea
   5. Air quality index
   6. Lung cancer prediction
   7. Death
   8. Asthma
   9. Heart disease prediction
   10. Covid
   11. Stress
   12. Death rate by disease
   13. Water pollution
   14. Air pollution
   15. Water quality
   16. Effects on the water by food production
   17. Population
2. Re/Deforestation
   1. Ukraine
   2. Amazon
   3. India
   4. Global
   5. Renewable energies
   6. Global food
   7. Fires
   8. Endangerment of species
   9. Green revolution
   10. Pakistan
   11. Climate change
   12. Tsunami project

### Clarity:

Tuesday-Wednesday send a folder of all the graphics and maps to:

* Young’s classes
* Gibson’s classes
* Gracie
* Colin
* Eddie
* Cassidy
* Janey
* Brody without glasses

### Relevance:

Video

PM2.5 kills you

### Aesthetics:

* Colors
* Textures if necessary
* Graph types and structure

### Accuracy:

Sit down and go through each graph in flextime with

* Young
* Krska
* Hayse?

### Accessibility:

* Color Blindness
  + Color pallet
    - Pollutants *Please try to keep these pollutants in this order*
      * PM2.5 **340DA5**
      * NO2 **E2A0FF**
      * O3 **746FC5**
      * CO **BF72BE**
      * PM10 **513B8E**
      * SO2 **AC51FE**
      * NH3 **340DA5**
      * Org. C **746FC5**
      * NVOCs **BF72BE**
    - Main Countries *Please try to keep these countries in this order*
      * UK **F9E900**
      * US **CDCEA9**
      * China **FFCE14**
    - Health
      * Respiratory **91CCD2**
      * Cardiovascular **17BEBB**
      * Other **277690**
    - Environment
      * Forest loss **3BC14A**
      * Water acidification **B6E6AC**
      * Planet index **1F613A**
    - Other Locational Foci
      * Other countries **D24E4E**
      * Continents **FF01FB**
* Visual impair
  + Contrast
  + Tan in middle
* Text impair
  + Arial font
  + Nothing special
  + Black text in a white box
* Blindness
  + Tuesday night write script
  + Ask for voice recording
    - Anna
    - Alex
    - Greta
    - Will
  + Ask Hilburn for a mic to borrow on Wednesday morning
  + Set up audacity for recordings on Wednesday
  + Record in closet for best sound quality
  + 2-3 takes per graph
  + Seperate files for each graph
  + Have the following people listen to the audios with no visuals on Thursday
    - Izzy
    - Austin
    - Zach
  + Audios in website or in a drive folder

Make a presentation for submission over all of the accessibility points and we accommodated them