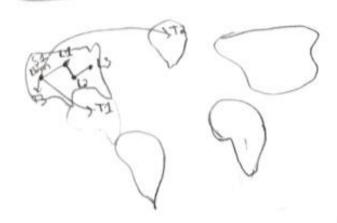


What study to you work to vovalize?

HODIC: I Take I Kack roll ...

Spicy? I Hot I No ...



O Lived O Travered

Comparesto

- Main component is to CUCK

Checkboxes of various information

Checkboxes of various information

to display students that have

to display students. This will

those characteristics. This will

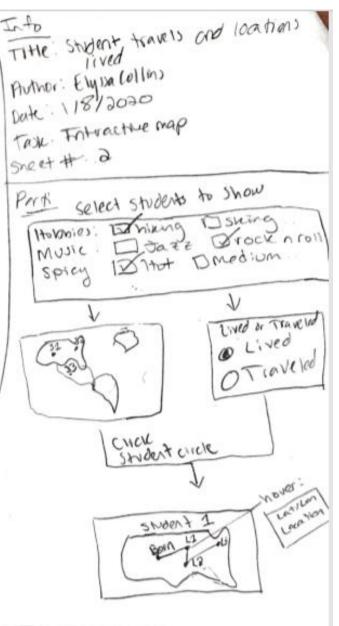
then show points on the map

of the filtered students.

The over con click a radio button to view arrows to harmons traveled or a sequence of lines to lucations lived

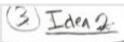
- The user can select a student circue, on be may to snow lived travered arrows lines

Improve over waters will display



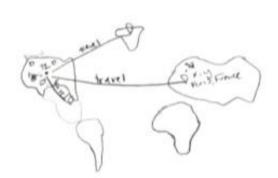
Positives and Negamos

This design shows geospathal information and allows the user to select what kind of students they would like to visualize. It also mows into for locations lived, as well as traveled. I think this viz would be fairly clear and wouldn't be too difficult to implement this viz doesn't show summary statistics for the entire group.



Big picture

student Travel



51 PERCONA THO cat/00g7 : Ong spreyment: sprey mone: Kan

Componers

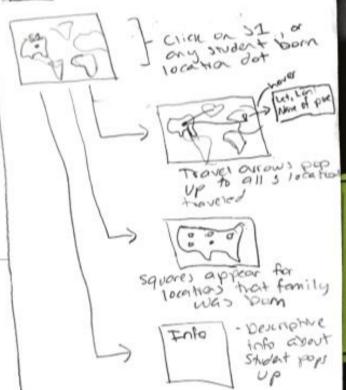
- main component is to circu on a student to receive traveled locations (occour) and a box will appear at the bottom of the sceen Hor for the descriptive information Cic., Nobbies, of me student music intuens, etc)
 - Hovering over icons for born 1000 HOW POWER + SUMMENT 3. Q FOR PRICES traveled will show the lattirde + longitude, as well as the name of the place

Humor: Elyssa colins

Task Intersective map, visualize traveled loss hon, + Student rato + where

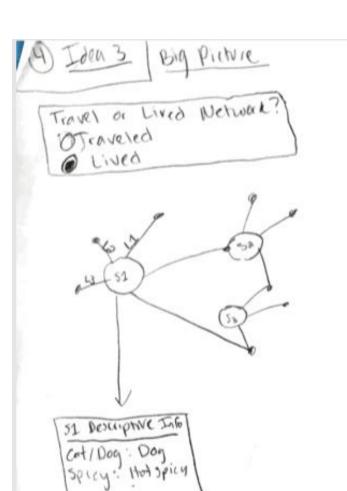
peren were worn Sneet # : 3

PARH



Positives and Negatives

this design snows geospatial information for where students and Their porents were poin and while the students traveled, as well as student descriptive into, but no site on whose streets viave lived Also no summery statistics for the whole group. Another disadvantage is that at a nine, so cont vivalite Connections as well.

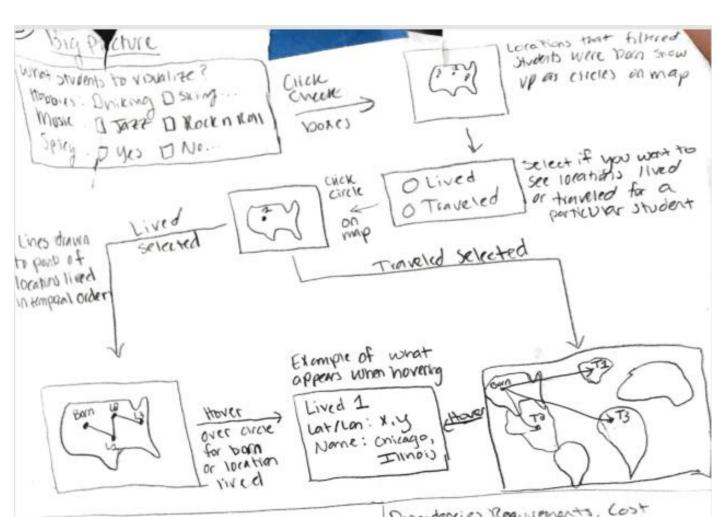


combouriti

-man component is to sexcet "lived" or "traveled" to see an interconnected network of where Students wave livel+covered and how they relate to one mother -The user con click a student bubble to obtain dexaptive mso about that student

Title: Student Networks: Travered and lived location Aumer-Elysia (ellin) Tank . Snow similar location of where STUDIO have druveled and Sheet#i 4 Park Select & you want to see the lived nemerk map or traveled network map O Traveled O Lived Rame , I'm! DAYMING NE tersend (Lived Ir Cropethill, NC CILLY stract circle a Descriptive Info Cationg . Dog Positive 3 Negatives This design doesn't snow geospatial sufo, but it are does show your streets are Connected to one another pased on lived at travered location. This viz may be confising if there isn't a lot of overap between I oration and DOI very scalable. This viz doesn't snow summeries

of the entire group.



Description

- The user will filter the table of information by scienting different attributes of students that treguent to display - The user will select "thed" or "taveled" to Show locations lived or traveled by Strong After clicking on a student Circle (multiple can be selected at once), the map will display a temporal Series of lines for locations lived or Multiple arrows from born to locations traveled.

- Hovering over a location lived or travely will produce a pop up nox of the latitude, long it tide, and name of the location!

Dependencies, Requirements, Cost

- -This could be created as a web tool
- Potential software/packages.
 - -> maproox
 - -> Proting
 - -> Dash
- Develop code in R or Pytron to filter ad plot data and to determine lines between points

