Discovering Dimensions

By: Jacqueline DiMonte, Karen Ly, Tina Ly, Ittiyanam Tomichan

Who should we design for?

first language not English

teenagers

teachers

first generation

minority groups ie Asian American

college students

elderly

Communities with less resources

Individuals who need help with time management

Individuals who think they are alone in how they are feeling

New Coders!

High schoolers?

students

Children

Elderly

A news source/resource app

mental health/not overdoing ECs

education+discussion on current events

Female STEM community

Underrepresented minority groups

Disabled community
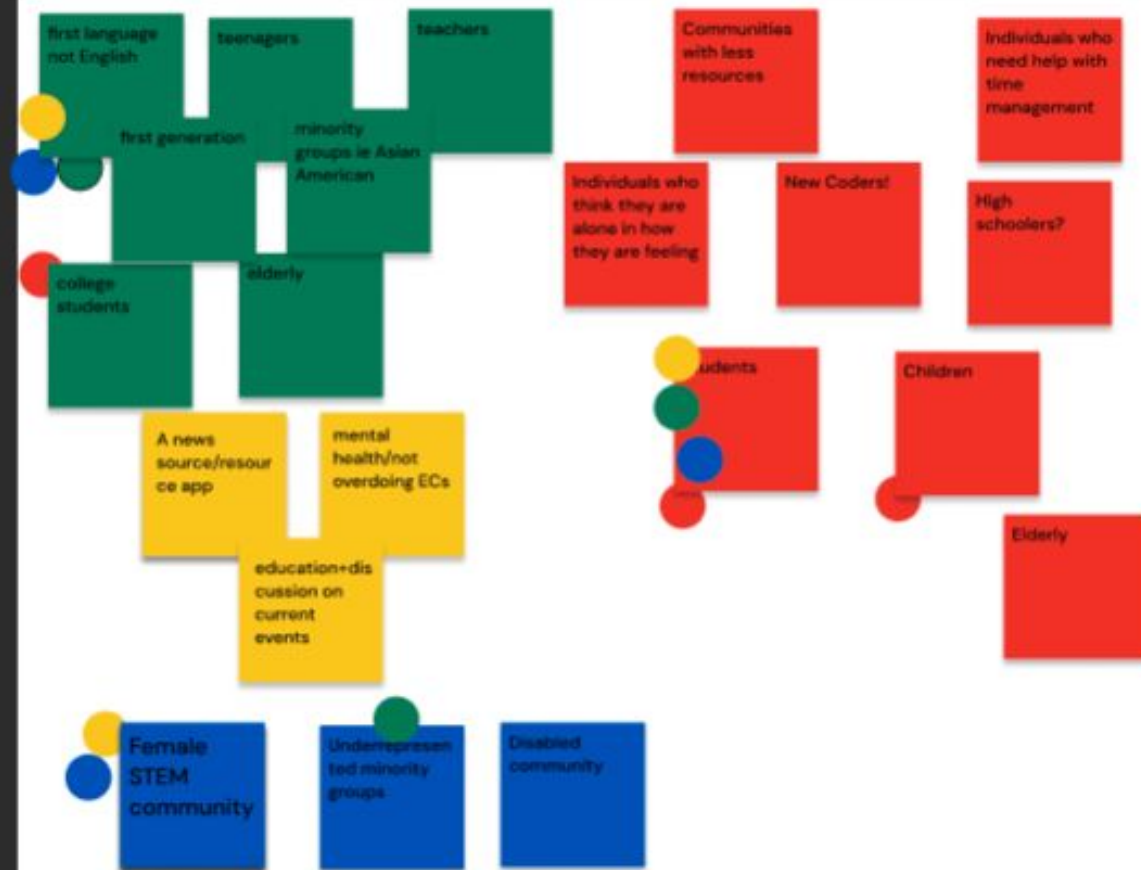
What Problem Do They Face?

Text here

Text here

Text here

Text here

Voting Dots

being away from family/homesickness/isolation from culture

handling extracurriculars

finding programs where they can interact with people internationally

money/scholarships to travel/go to college

if they go to college in the us or another eng-speaking country, feeling scared they can't communicate/nervous when they talk

Getting the opportunities to meet people from all over in person

Knowing the inside scope

Help with texting slang

Expressing their culture

Finding a community

Feeling like they don't fit in because they don't speak English

Misinterpretation of words and phrases (Google kind of sucks at translating properly)

cultural understanding

finding a support network/right resources

fear of people misunderstanding them/ being made fun of

Connecting with people who don't speak their language

Not understanding American slang/culture

barriers to understanding physicians/resources outside their homeland

time differences for international students

lack of understanding of certain concepts

Finding other people who don't speak English fluently

making friends

trouble ordering food, speaking fluently

Connecting with people in different situations

How Might We...?

Text here	Text here
Text here	Text here

Voting Dots

🟢 🟡 🔴 🔵

How might we facilitate accurate translations of different languages?

make language no longer a barrier

encourage people to connect and meet others whose native language is not English

Pairing two individuals with different experiences together to learn more about each other

match people properly so they get the most out of their conversations

connect them with other students of a similar background/interests?

Giving topic ideas for conversations

encourage discussion between matches [so its not awkward]

Giving an individual the ability to connect with someone who knows more about resources / how to fix a certain problem

How might we easily connect people who are interested in learning another culture?

How might we encourage people to learn/explore other cultures?

connect people with different cultures that speak different languages/act differently

Add a camera function to put a scene to what someone is describing

Attaching links to more information about certain cultures

Increase culture awareness between native English and non-native English students

How might we ensure safety and prevent trolling when connecting users?

filter people to ensure they aren't misusing the platform

allow them to connect without fear of talking to stranger

How Do We Solve This Problem?

Text here

Text here

Text here

Text here

Voting Dots

Pair individuals based on a questionare like style (ex: what culture they are interested in)

each person set up a profile+login, choose anonymous/not; say languages you speak; where you live; say langs you want to learn; say if you want to move somewhere else in the future?

Choose if you want to be annoyous or share your first name

make a profile with interests; "dating app" swipe if interested

Forum to talk about specific problems

Forum to talk about specific cultures

Matching section: they can see their status/if they've been matched, to see who they matched to and to communicate with them

tutorial feature to explain

google translation of messages

Translation feature (but better through the help of people who are fluent and knowledgable in the culture

search engine of preferences to find the right person to match to

feature that clearly displays the time zones depending on who they connect to

game

Connect based on same college?

Different "pages"/places for different cultures (if one isn't there yet, can make one yourself)

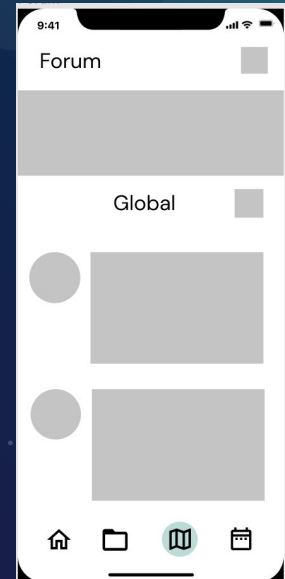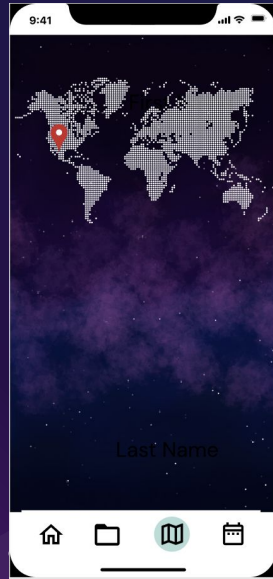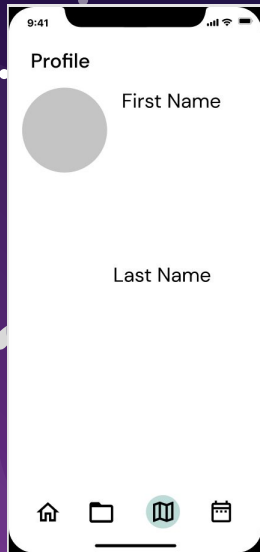Feature where you can recommend places, food, etc. from that culture

food, music, movie preferences etc

Send a drawing?

Send a photo to your pair

You can choose to be paired randomly or with a specific location

Prototype

7,800,000,000

Whoa! That's a lot of people with a lot of different cultures!

PURPOSE

"Create *your* Constellation"

- To connect users to individuals around the globe based on interests, preferred language, and location
- To promote cultural exchange in a time of travel restrictions and isolation
- To promote education and connections among users worldwide about cultural differences

App Layout

```
                    ┌─────────────────┐
                    │   Home Page     │
                    └────────┬────────┘
                             │
                    ┌────────┴────────┐
                    │ Tab Bar Controller │
                    └────────┬────────┘
                             │
        ┌───────────┬────────┴────────┬───────────┐
        │           │                 │           │
   ┌────┴────┐ ┌────┴────────┐ ┌──────┴─────┐ ┌───┴────┐
   │ Profile │ │ Discover/   │ │Conversation│ │ Forum  │
   │         │ │ Matching    │ │            │ │        │
   │         │ │ Station     │ │            │ │        │
   └─────────┘ └─────────────┘ └────────────┘ └────────┘
```