



Got The Feels

**COGS 121 Team O
Spring 2016**

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Team

Chinh, Bonnie - Chief of Project Management

Martin, Joseph - Head of User Experience Research

Thang, Anjelica - Technical Expert: Communication Systems

Wong, Nicole - Head of Design-Development Integration

Yang, Chen - Lead Architect and Engineer

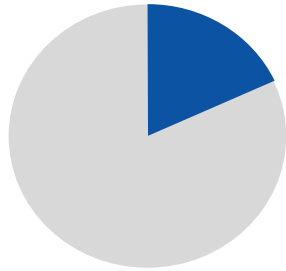
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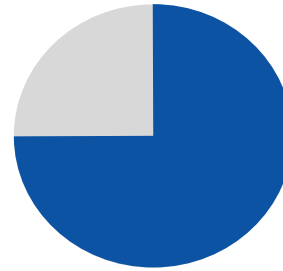
Background & Motivation

What is the cost of anxiety?

Background & Motivation



18%
Of the U.S.
population affected
by anxiety disorders



75%
Of Anxiety sufferers
who will experience
symptoms by **age 22**



Only 1 in 4 Anxiety patients
tell their employers



1 in 3 of those who did not tell
their employers thought it would
affect promotion opportunities



\$42,000,000,000

Cost of Anxiety Disorder On U.S. Healthcare system



\$10 Billion



\$32 Billion



\$42 Billion

2



Design Challenge & Opportunity

Break the Stigma by Increasing Awareness

How Can We Show the
Prevalence of Anxiety Disorder
and the explore the complex
Risk Factors That Contribute To
This Problem?



Personality



Genetics



Brain Chemistry

Life Events



3

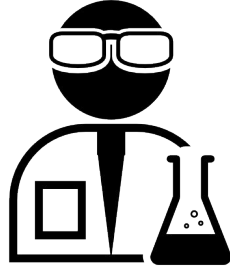


Core Audience

Who did we target our solution towards?

Core Audience

Medical Researchers



Healthcare Professionals



Health Educators



Anxiety Patients



4

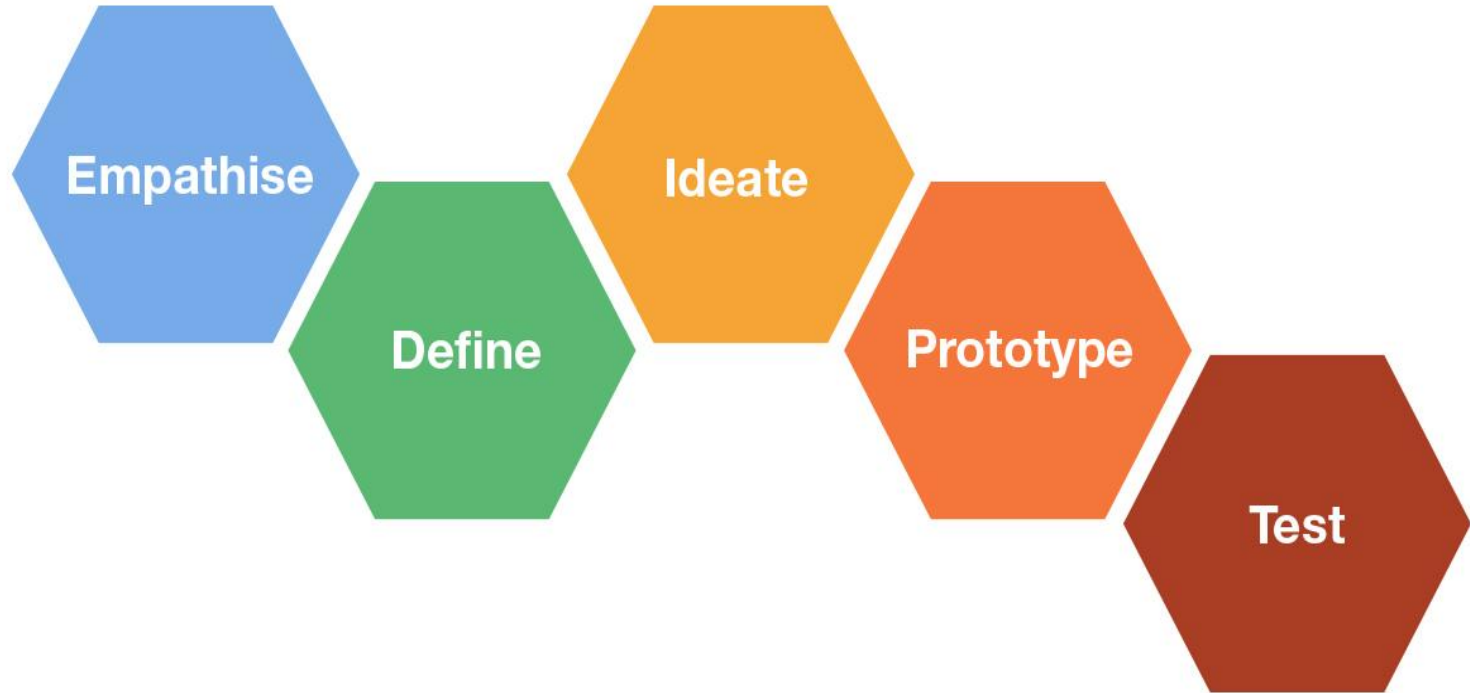


How The Rest of the Talk Will Proceed

Design Process

What Were the Steps We Took
to Solve our Challenge?

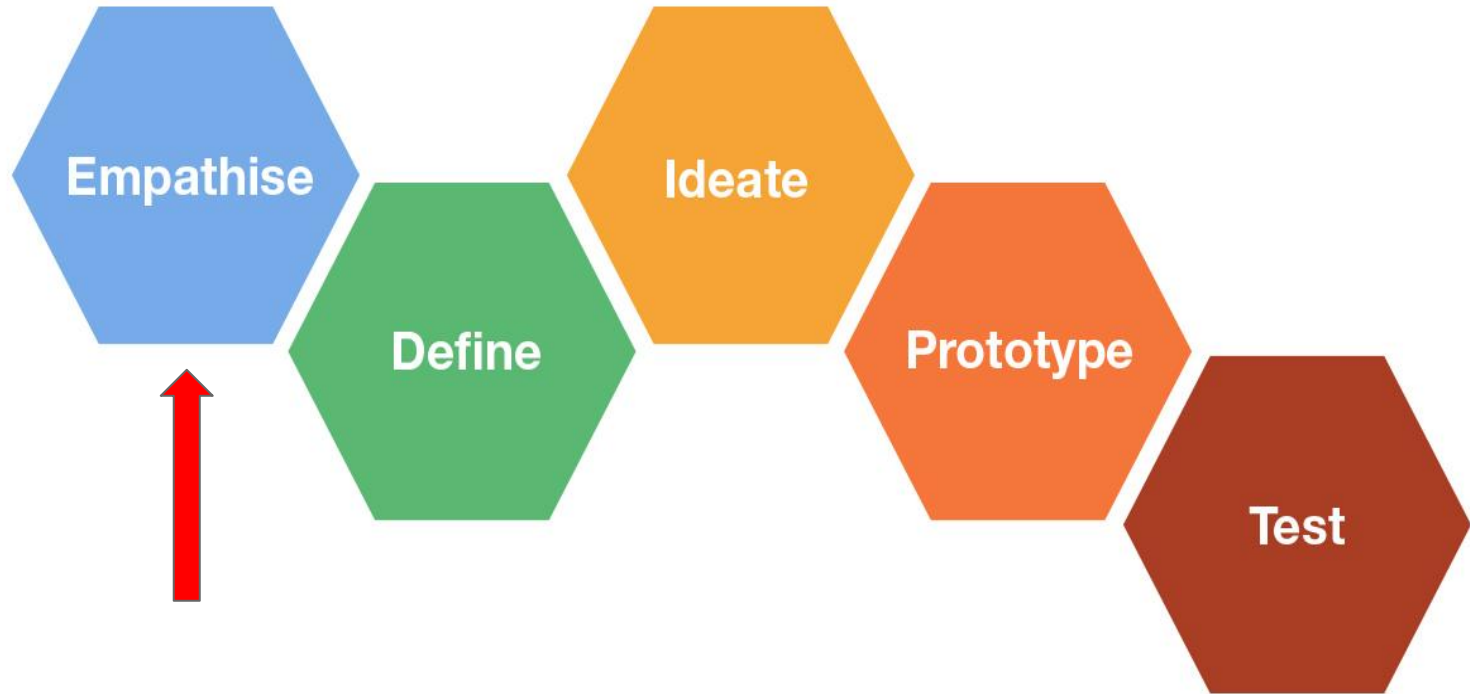
Design Process



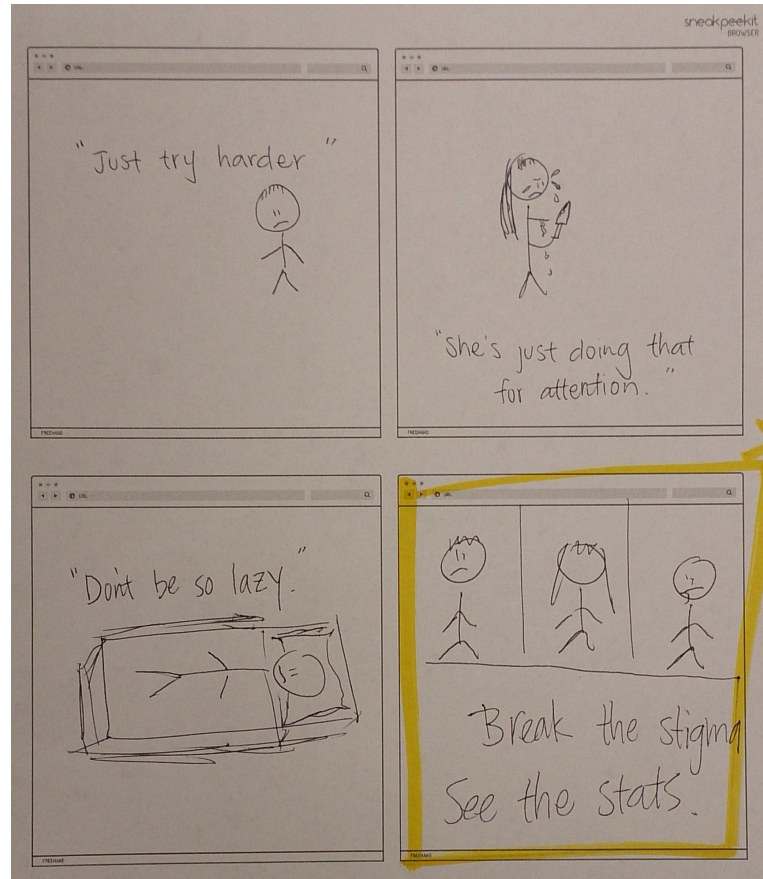
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Biggest Challenge!
Needfinding

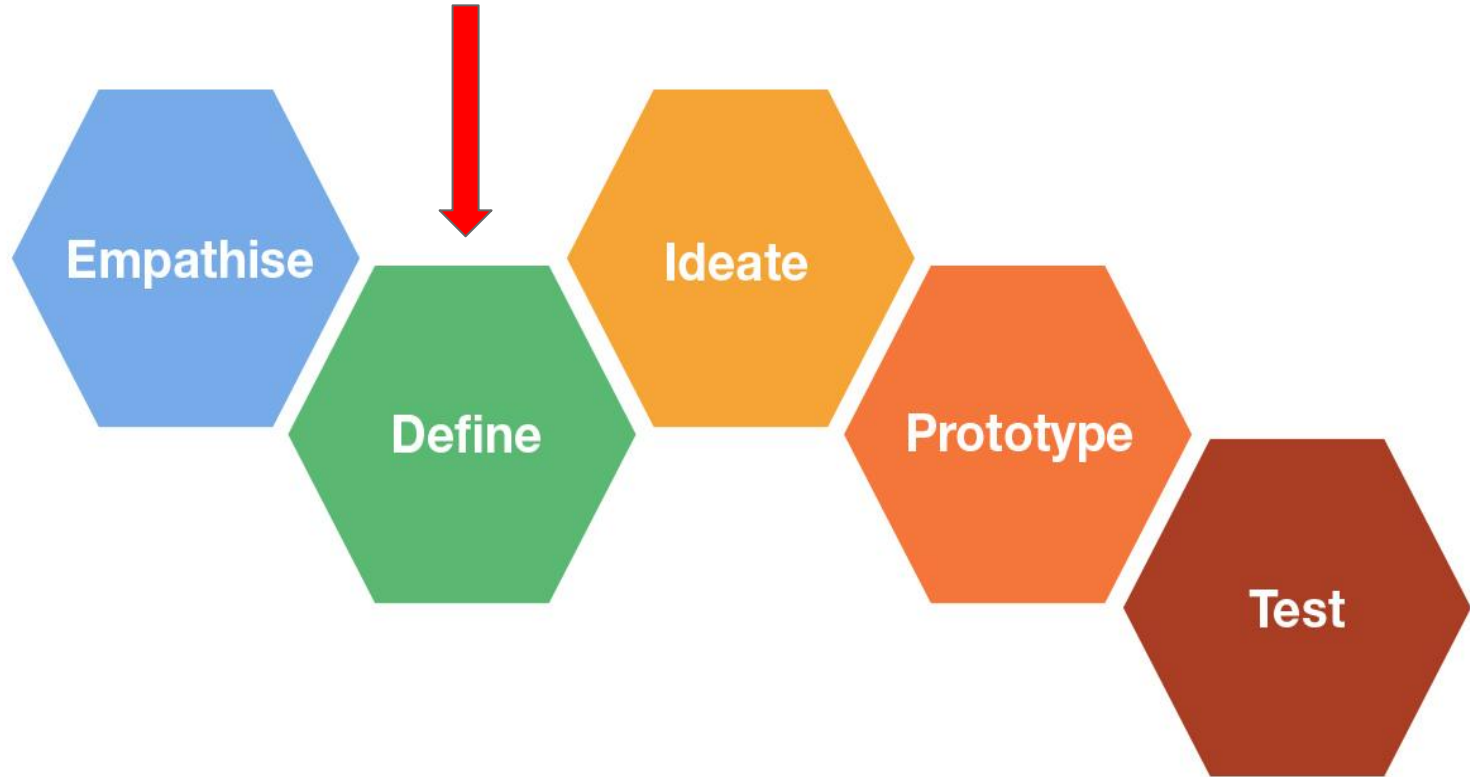
Design Process



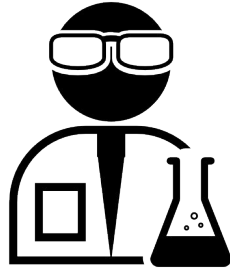
Empathize



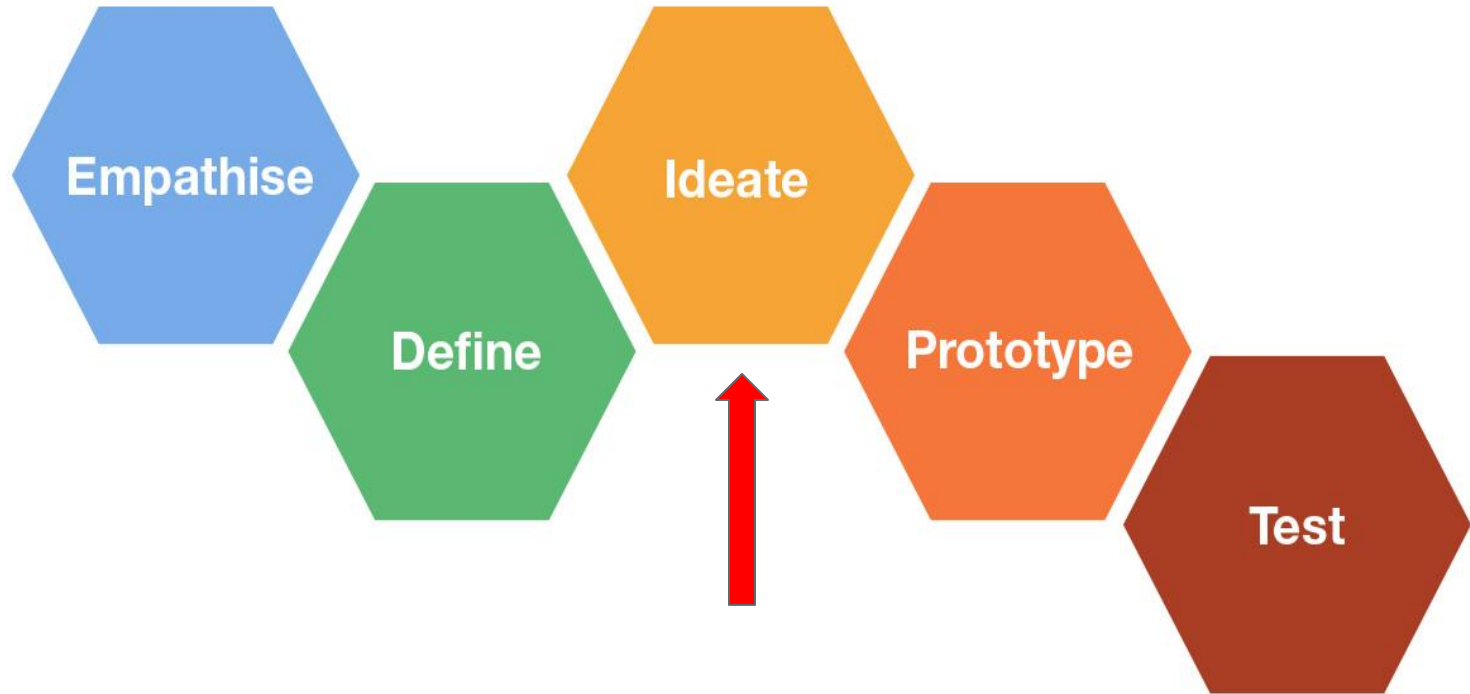
Design Process



Define



Design Process

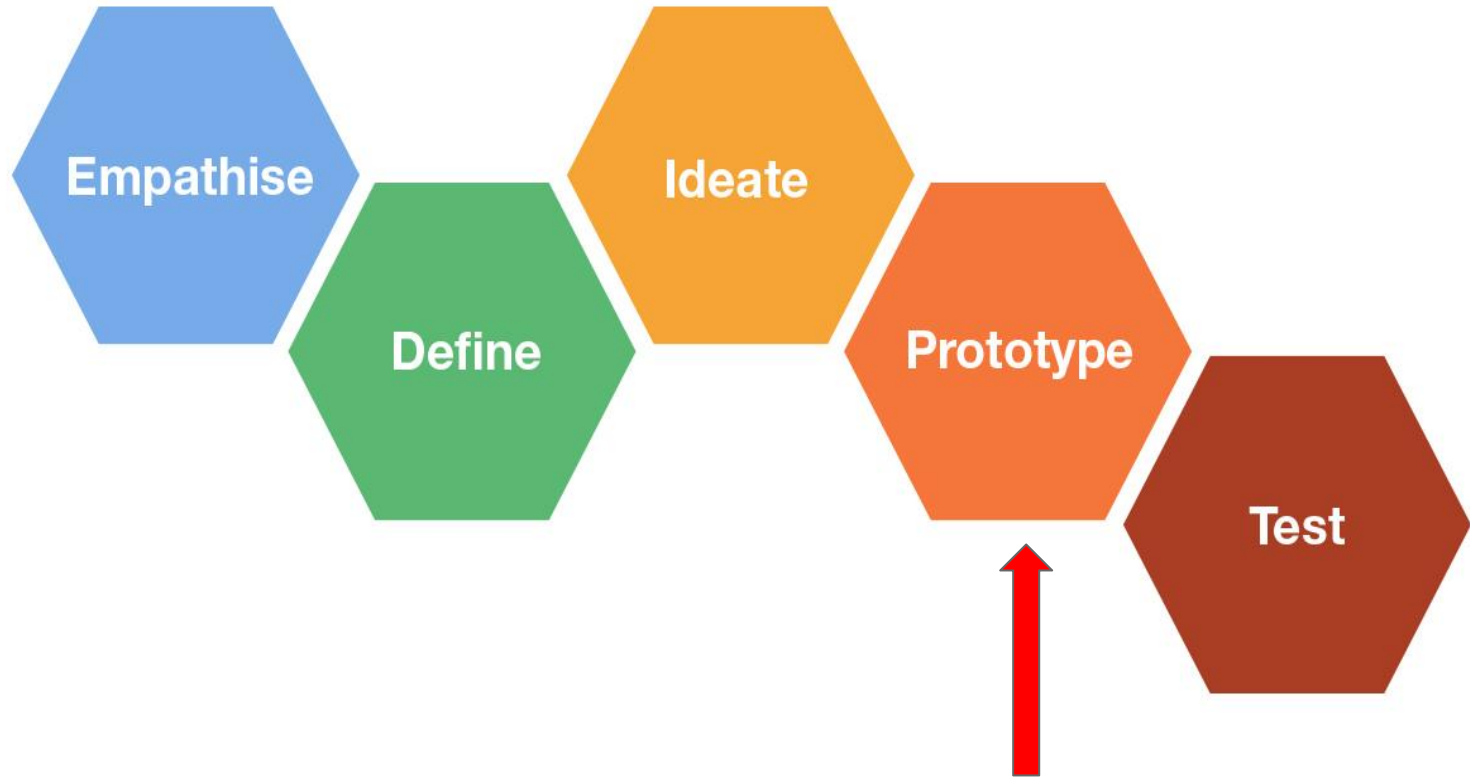


Ideate

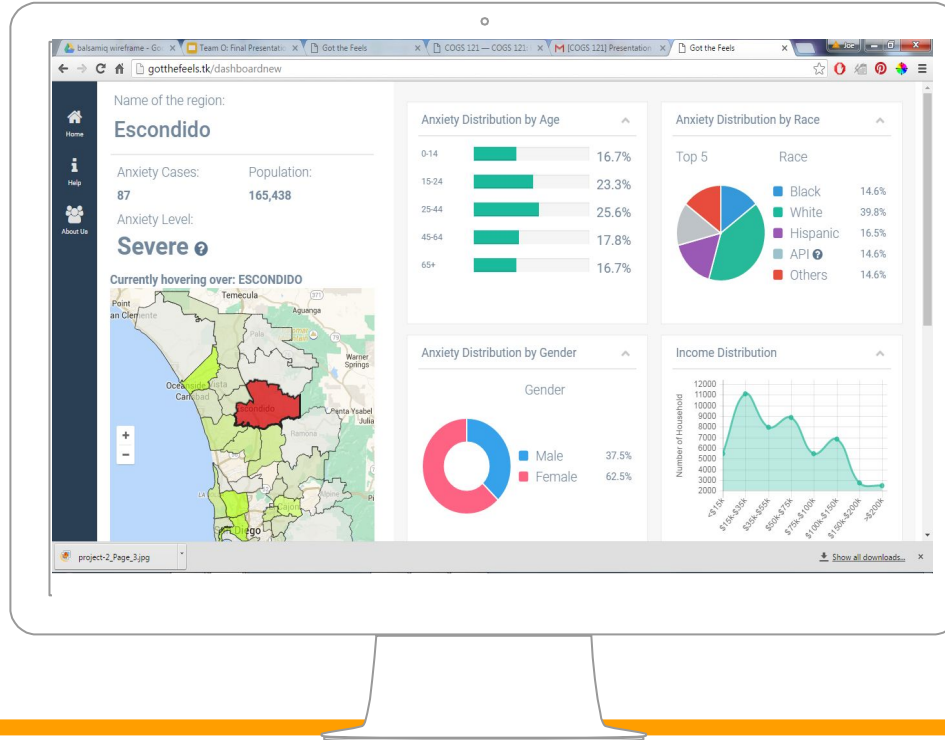




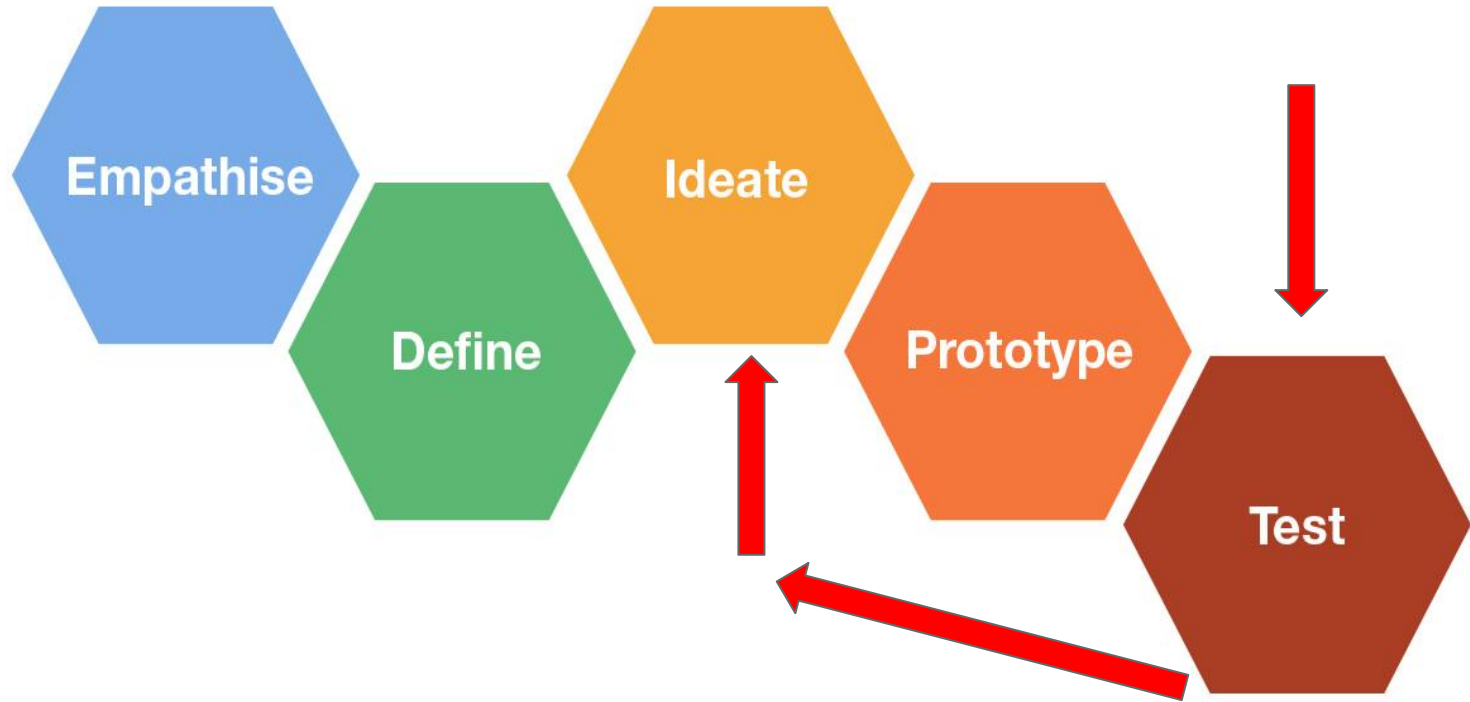
Design Process



Prototype



Design Process



Product & Key Qualities

a supportive community & safe space

- ▣ Landing page with carousel & background video
- ▣ Data Visualization
 - ▣ Map with heatmap depicting anxiety rates in SD
 - ▣ Visualizations of demographic variables for those cities
- ▣ Social Media
 - ▣ Chat
 - ▣ Twitter Newsfeed

Resulting Software Architecture

tools for change

HTML



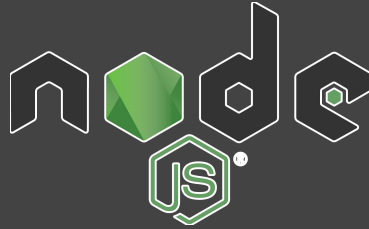
CSS



JS



Chart.js



express



DELPHI



DigitalOcean



CentOS



Technical & Product Risks

Is this a good idea?

▣ **Potential Risks**

- ❑ D3 Visualizations too complex and hard to implement
- ❑ Unable to find relevant data from DELPHI
- ❑ Compiling DELPHI data into meaningful charts
- ❑ Problem with D3 and Google Map
- ❑ Twitter chat

▣ **Solution**

- ❑ Attempted many different visualizations and found the ones that worked best in design & implementation
- ❑ Able to find ways to use DELPHI data to map interesting information

What Went Right

- Topic of anxiety disorders
- Passport (Twitter login)
- Bootstrap
- Adobe After Effects
- Teammates

What Went Wrong

- Google Maps
- Delphi
- Merge conflicts
- Information overload



DEMO TIME

GotTheFeels.tk

“Talk is cheap. Show me the code.”

--Linus Torvalds

Question!



Questions?



Thank You!