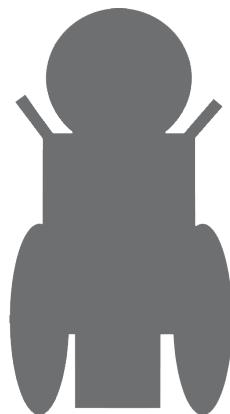
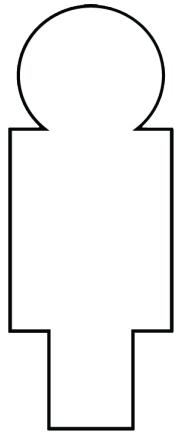


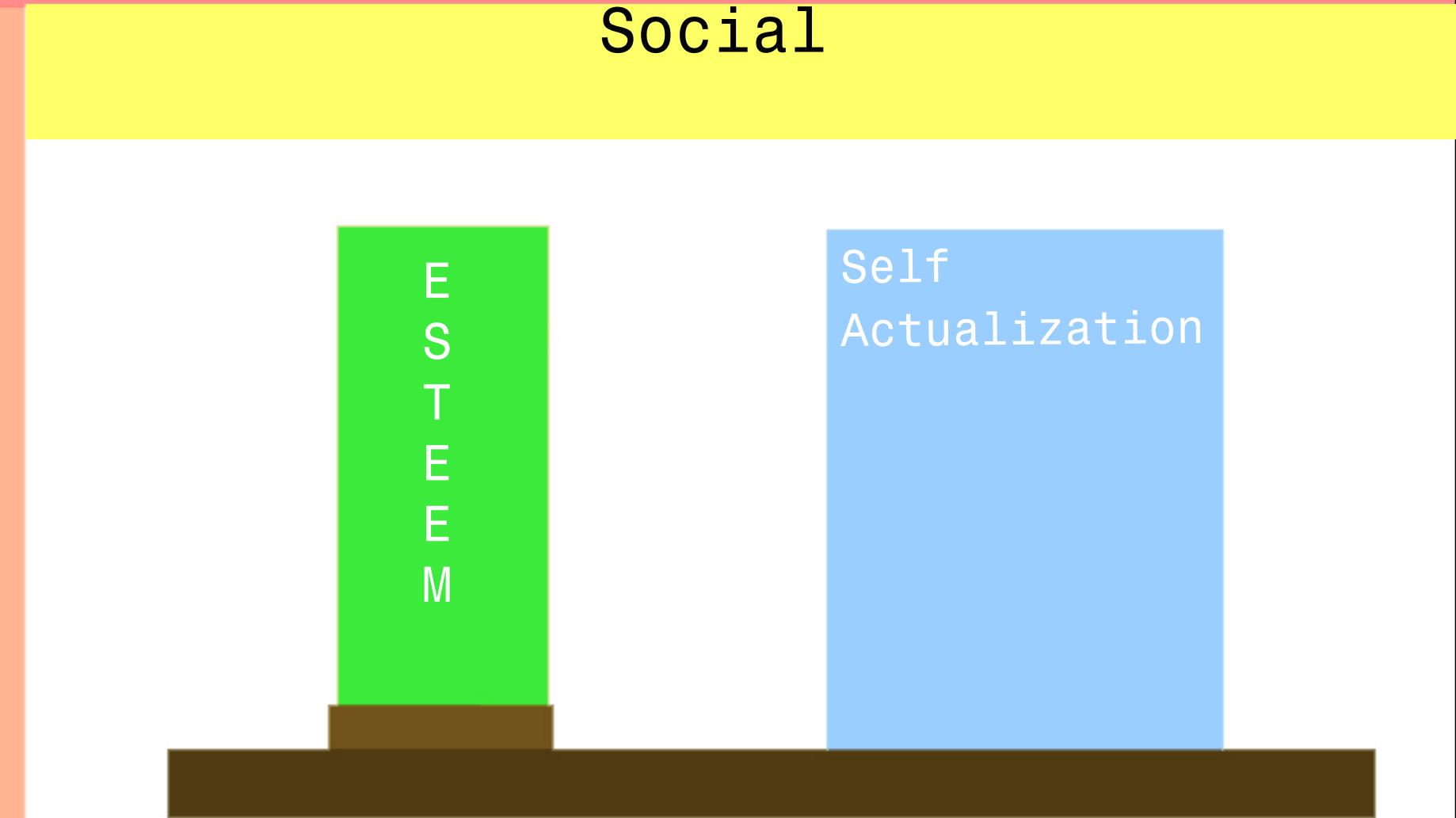
To
Meet
The
Needs
Of
Many



David Jones
ARCH 415

Maslow's Hierarchy of Needs

S
A
F
T
E
Y



Physiological

Every day people around the world spend their time trying to meet their own or someone else's needs.

These needs could also be dreams or goals for the future.

Everyone, no matter your race or gender, has needs to be met and dreams to achieve.

The same also is true for people with disabilities.

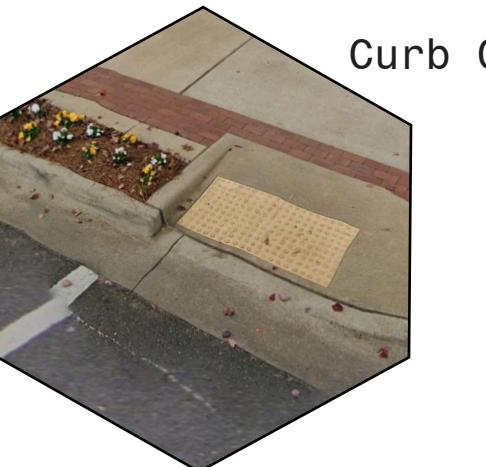


What have we done in the Past?

In 1990 both the Americans with Disabilities Act(ADA) and the Individuals with Disabilities Education Act (IDEA) was signed into law.

Both have aided people with disabilities to get employment, better education, and accessible transportation.





Curb Cut out

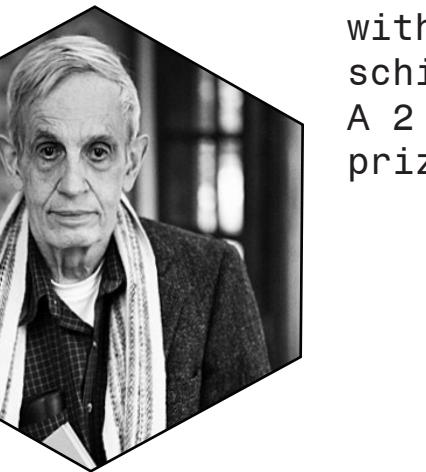


Bus ramp



audible
pedestrian
crossing
signals

Title 2 of the ADA requires State and local governments to make their programs and services accessible to persons with disabilities. This requirement has led to changes in urban design and historical building renovations.



John nash-
Mathematician
with
schizophrenia.
A 2 time Nobel
prize Winner.



Frida Kahlo-
artist with
Spina bifida
National
Prize of arts
and science
winner

Impact of ADA and IDEA Acts



California City Hall Wheelchair ramp
\$100,000 per foot

Part of the IDEA act the requires Least Restrictive Environments for all students regardless if they have a disability or not based on an IEP evaluation.



Because of these improvements people with disabilities have accomplished many things

Stevie Wonder-
Music Icon born blind. Won 25 grammys and sold over 100 Million albums.

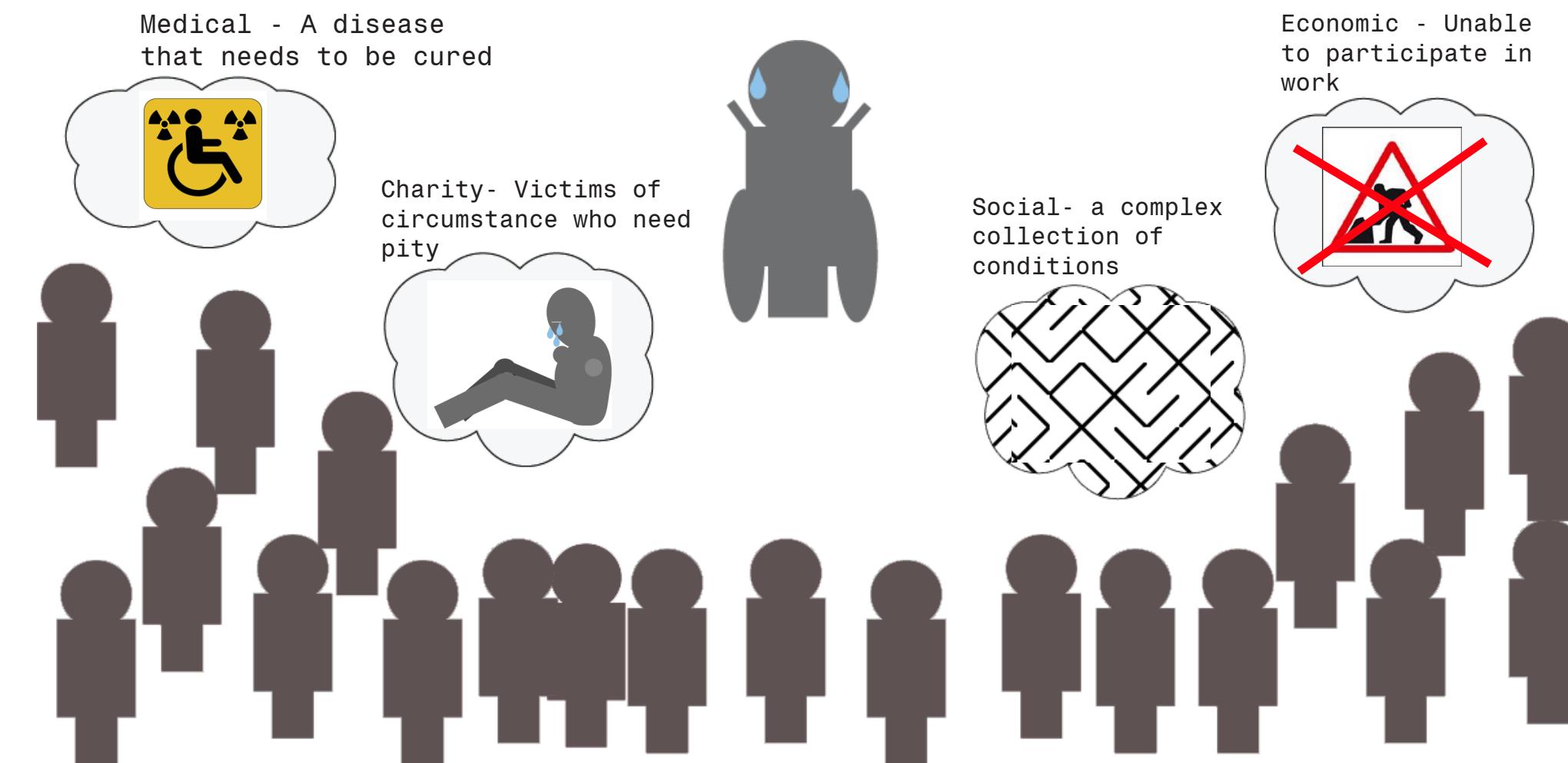


Steven Hawking-
Theoretical
Physicist with
motor neurone
disease. Won 11
prizes related to
physics

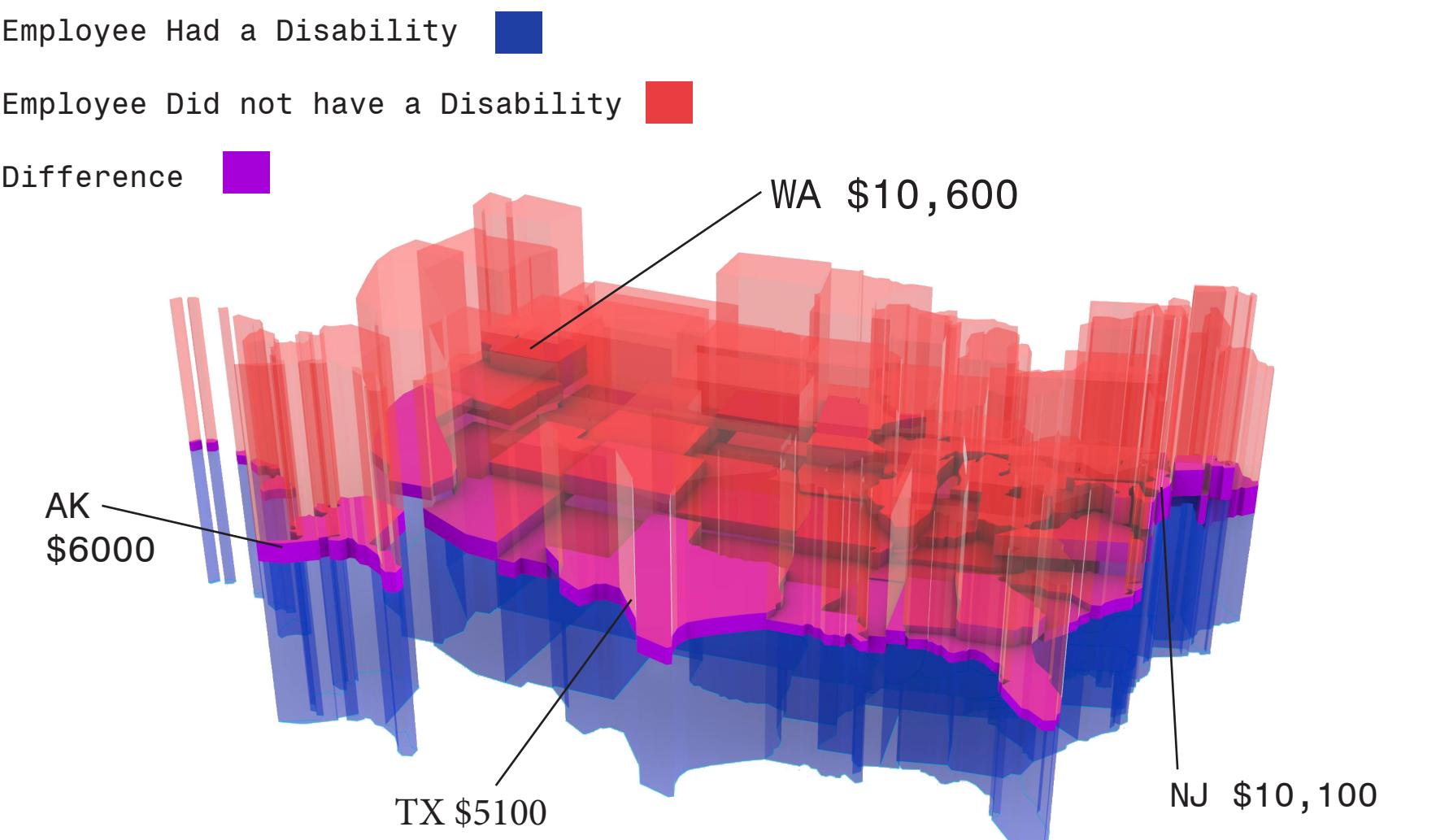
How are things in the Present?

Models of Disabilities

There are several models of disabilities that give false perceptions of people with disabilities.

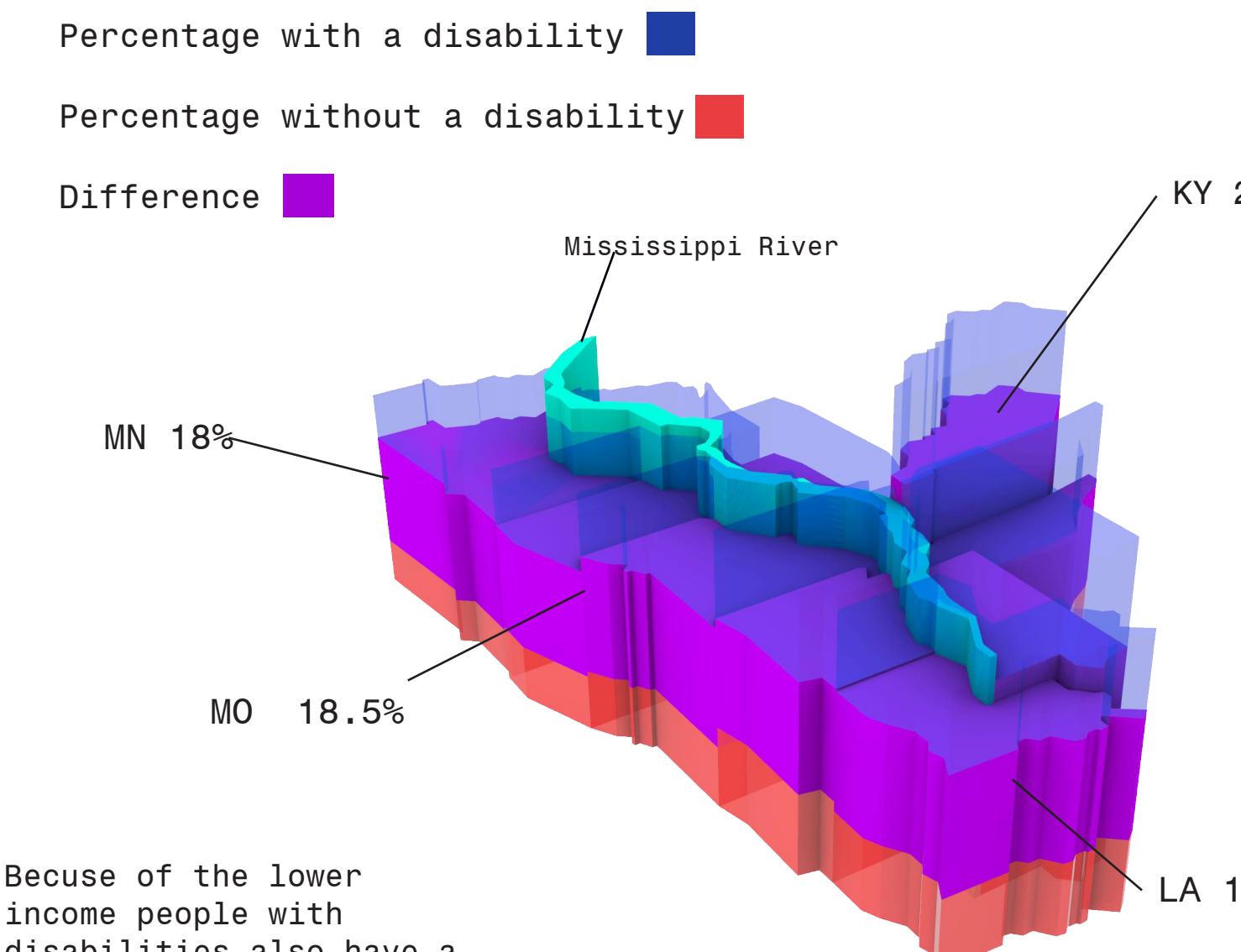


Annual Earnings of Full Time Employees by State



There is a gap between what able people earn and what people with disabilities earn.

Percentage of Population who live Below Poverty Line



MARRIAGES per 1000 people

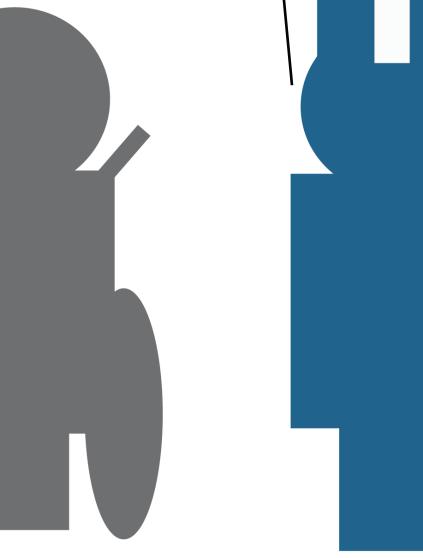
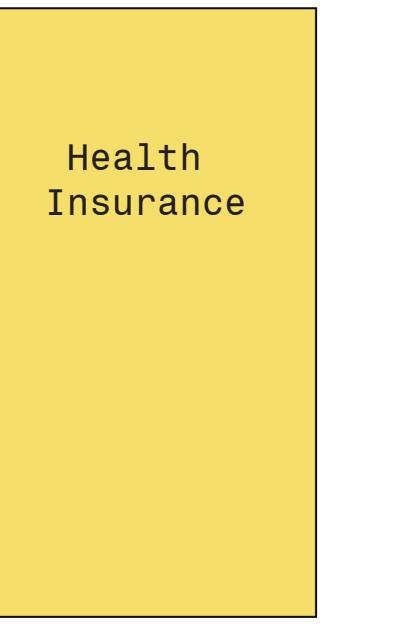
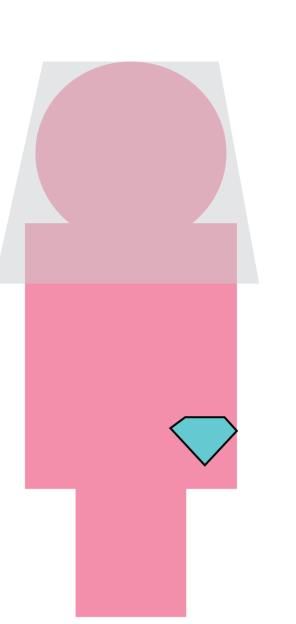
Among all people

71%

Among people with Disabilities

41%

People with Disabilities are less likely to get married. One of the main reasons is out of fear of losing the Medical insurance they rely on. In order to qualify for Medicaid and Medicare benefits you have to have a household income less than 138% below the federal poverty level.

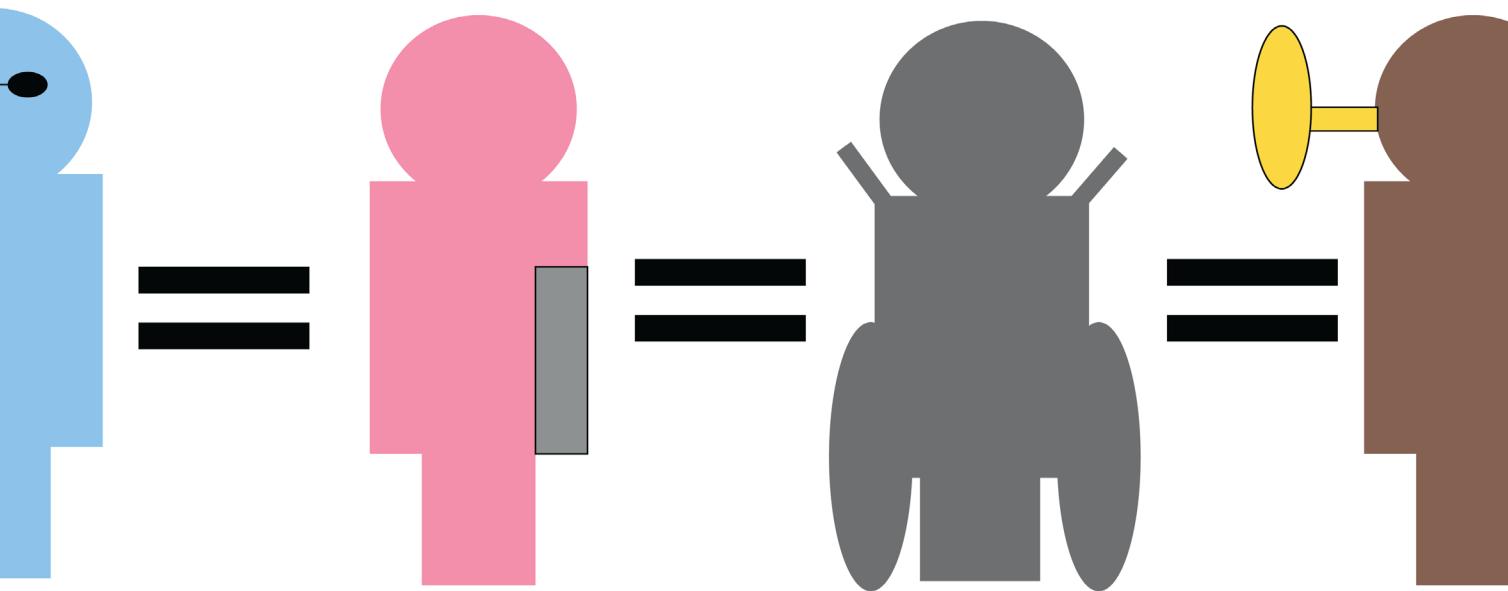


Walgreens

Same Job

Same Performance

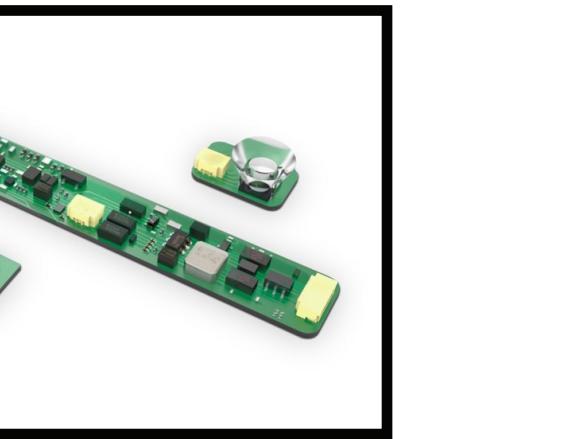
In 2007, Walgreens started adopting an operating model of "same job, same performance." In short it means the jobs, expectations, pay and standards will be the same for all employees regardless of race, disability or gender. This policy of inclusion has led to an increase in overall efficiency and greater camaraderie within the workplace.





The Kapten PLUS Personal Navigation Device 2011
Base price \$295 or free if you receive a guide dog from Leader Dogs for the blind.
Very affordable compared to other options. However it is unavailable right now due to the pandemic

Source <https://www.afb.org/>



Google's Self Driving Car has been in the works since 2009. One reason for the project is to assist people with disabilities when they need to travel long distances. Price currently is unknown and currently it is being proposed as an alternative to traditional public transit methods

Source <https://www.compare.com/ways-to-save/vehicle/google-car>

Technology

The iBot Stair-Climbing Wheelchair
iBot chairs have been in production since 2003. They offer huge improvements in mobility. The chair can climb stairs and rise up so people can talk face to face. The cost unfortunately is between \$25,000 to \$30,000 making it difficult to afford even with insurance.



Source <https://www.rollingwithoutlimits.com/>

Eye Tracking Technology has existed since 1931 but since 2001 Technology companies have been adapting it to assist people who physically can't use a computer.

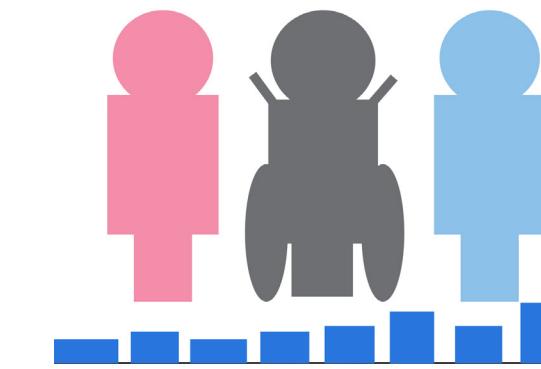
The average price is around \$17,000 but it can be as cheap as \$1,000.

Source <https://imotions.com/blog/eye-tracker-prices/>
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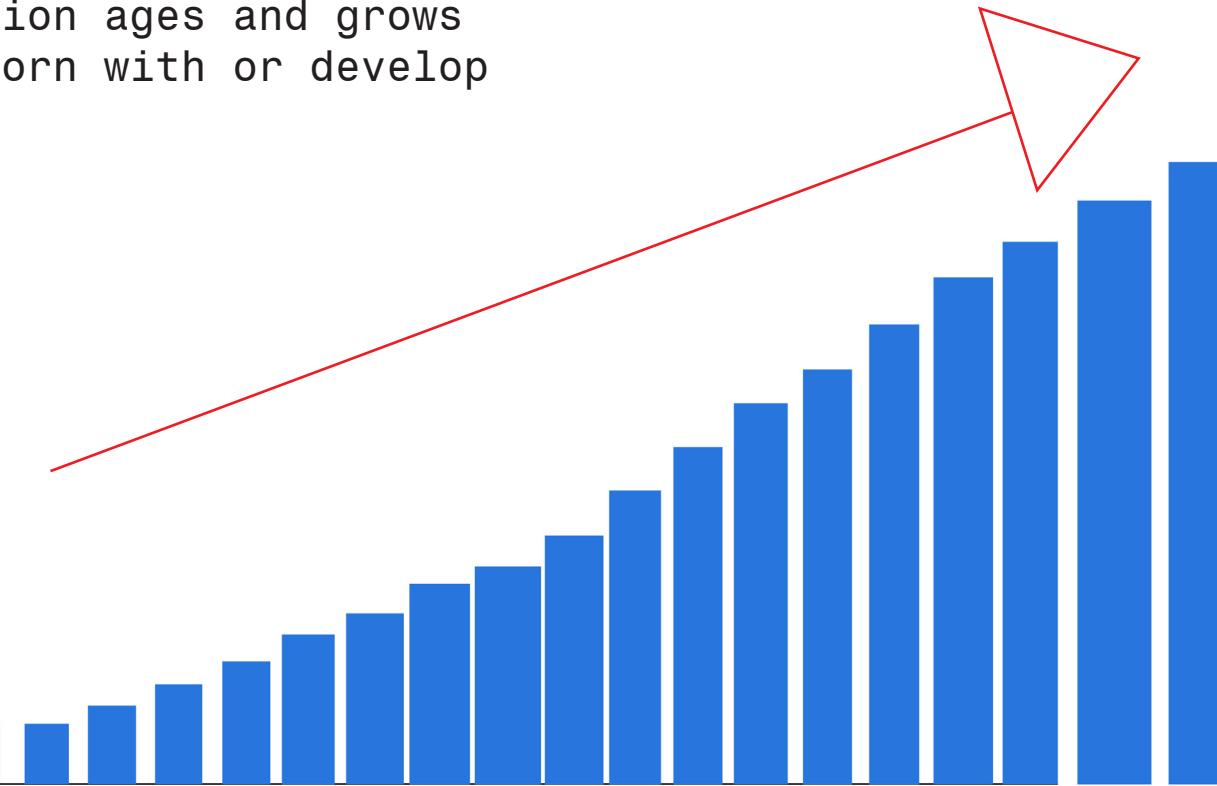


The DynaVox EyeMax System or EM-12 is a tablet that helps people with paralysis, cerebral palsy and stroke victims the ability to communicate using only their eyes. It is an expansion on eye tracking technology and like it has a wide price range with an average price of \$17,000

What can the Future look like?



As the current population ages and grows more people could be born with or develop disabilities.



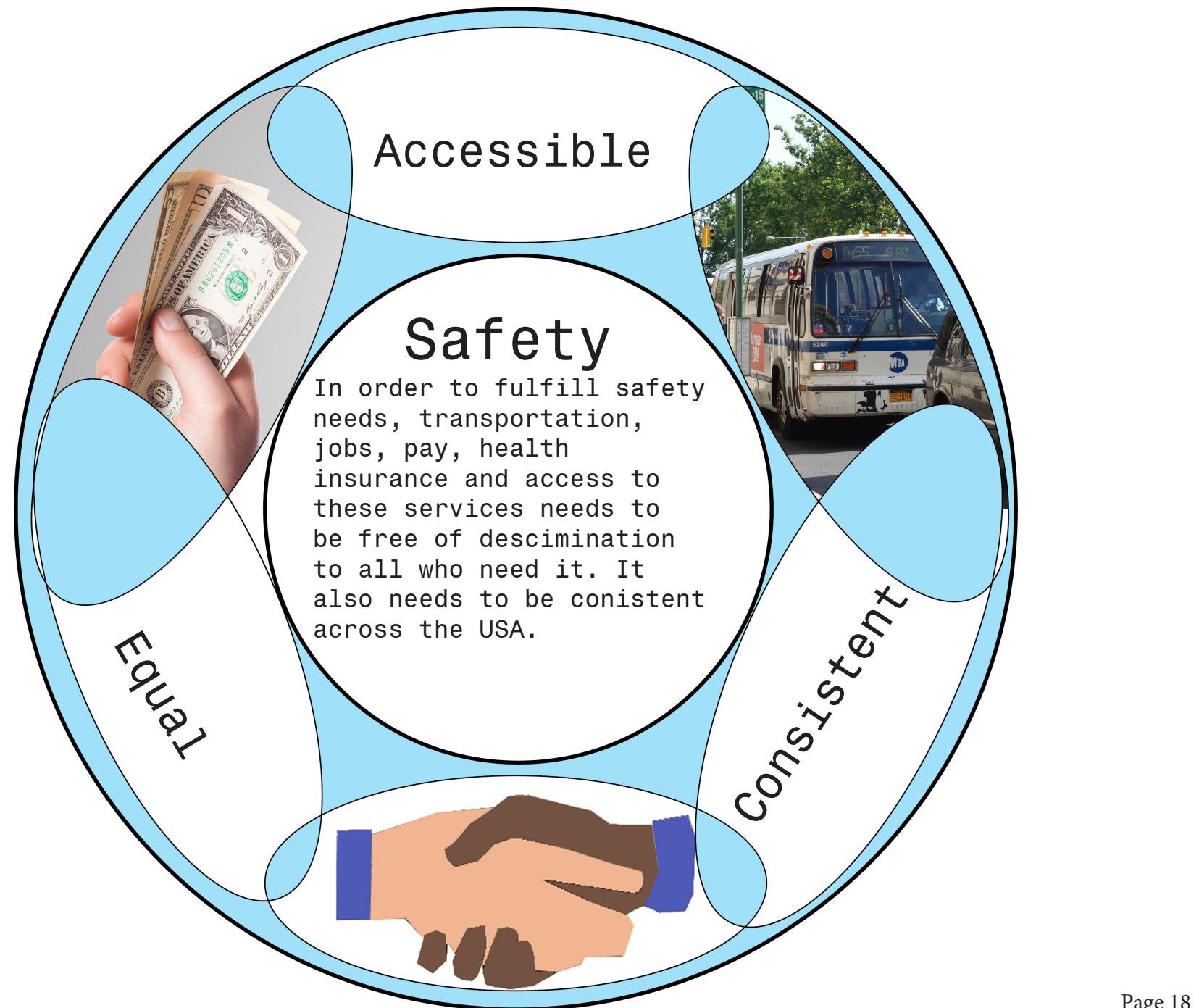
In order to meet the Physiological needs for everyone we need to develop, a National Housing Construction/ Renovation Project to make all houses

Affordable to buy

Functional for all conditions

Nice to Live in





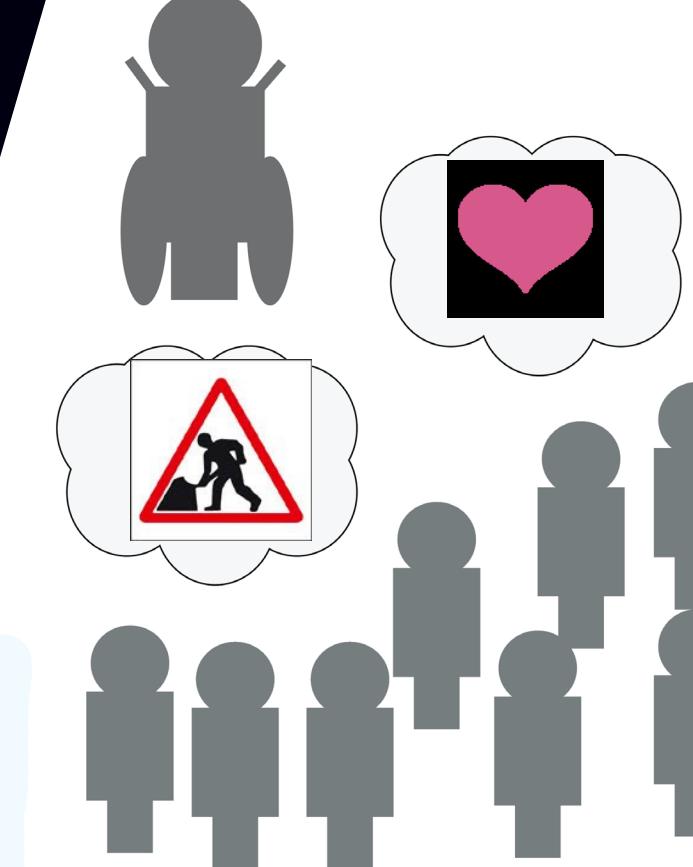
Before

Models gave false narratives



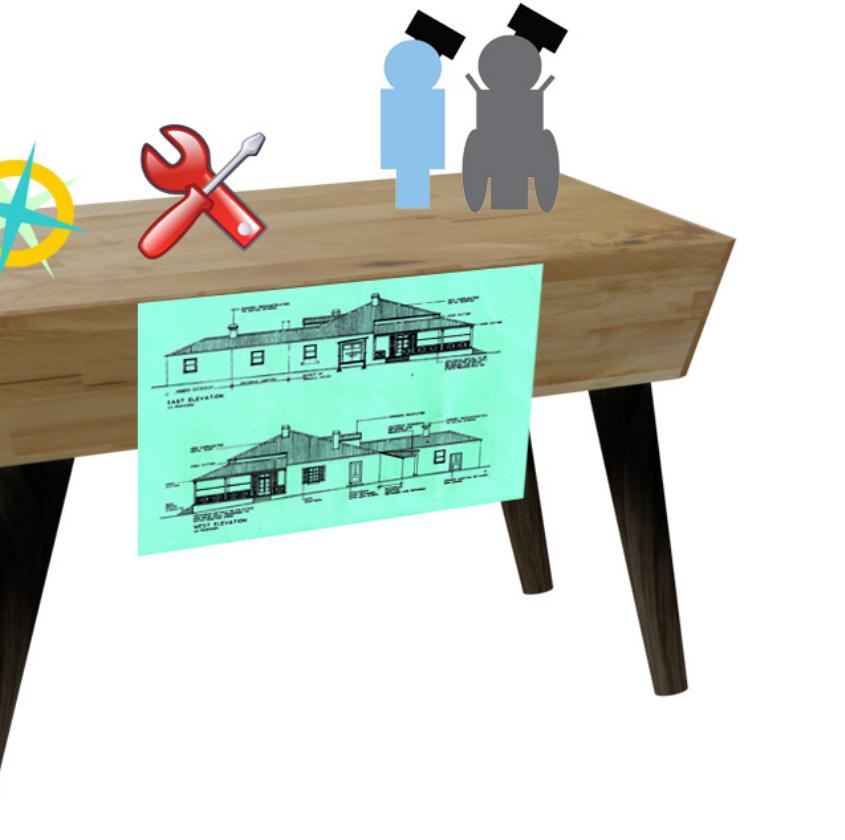
Instead

The narratives need to be flipped to show the potential within people who have disabilities.



Teaching Self Confidence

1. Positioned for Success
2. Have the tools for Success
3. Plans in place for Future Success
4. People to teach and aid in their success
5. Support systems when things go wrong



Everyone Benefits

1. Higher Standard of Living
2. A United Society
3. More Efficient Healthcare, Employment, and Businesses
4. Higher chances of Success in Education and more opportunities for success

