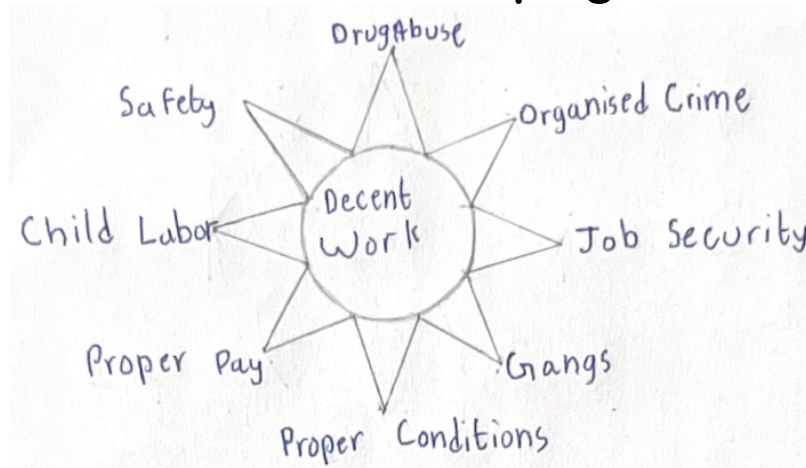


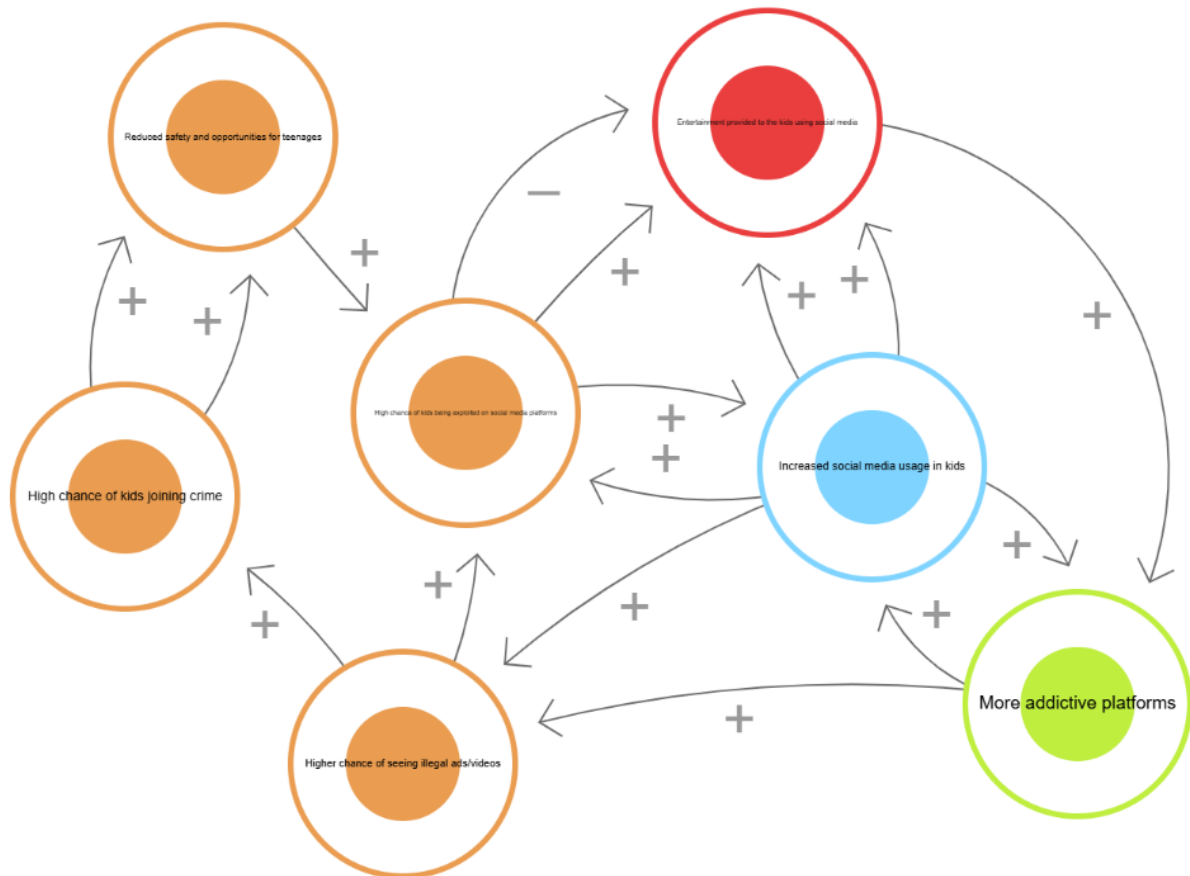
Problem Scoping



Theme	Decent Work
Topic	Organized Crime
Problem	How social media increases crime rates
Goal	Reduction of crime rates through social media

<u>Who:</u> • Youth • Teens on social media • Youth who are unemployed	<u>What:</u> • Organized crime ads • Drug ads • "Free Money ads"
<u>Where:</u> • Around the world • Areas with high social media use and/or low economic income	<u>Why:</u> • To ensure that the youth stay safe and to not get addicted while drug lords get caught. • To give proper employment to the youth

Our	Youth	Who
Has a problem that	They are forced to take part in crime	What
when	They can not exit on their own	Where
An ideal solution would	Remove harmful content, provide rehab, make companies responsible and track mafia lords	Why



Data Acquisition

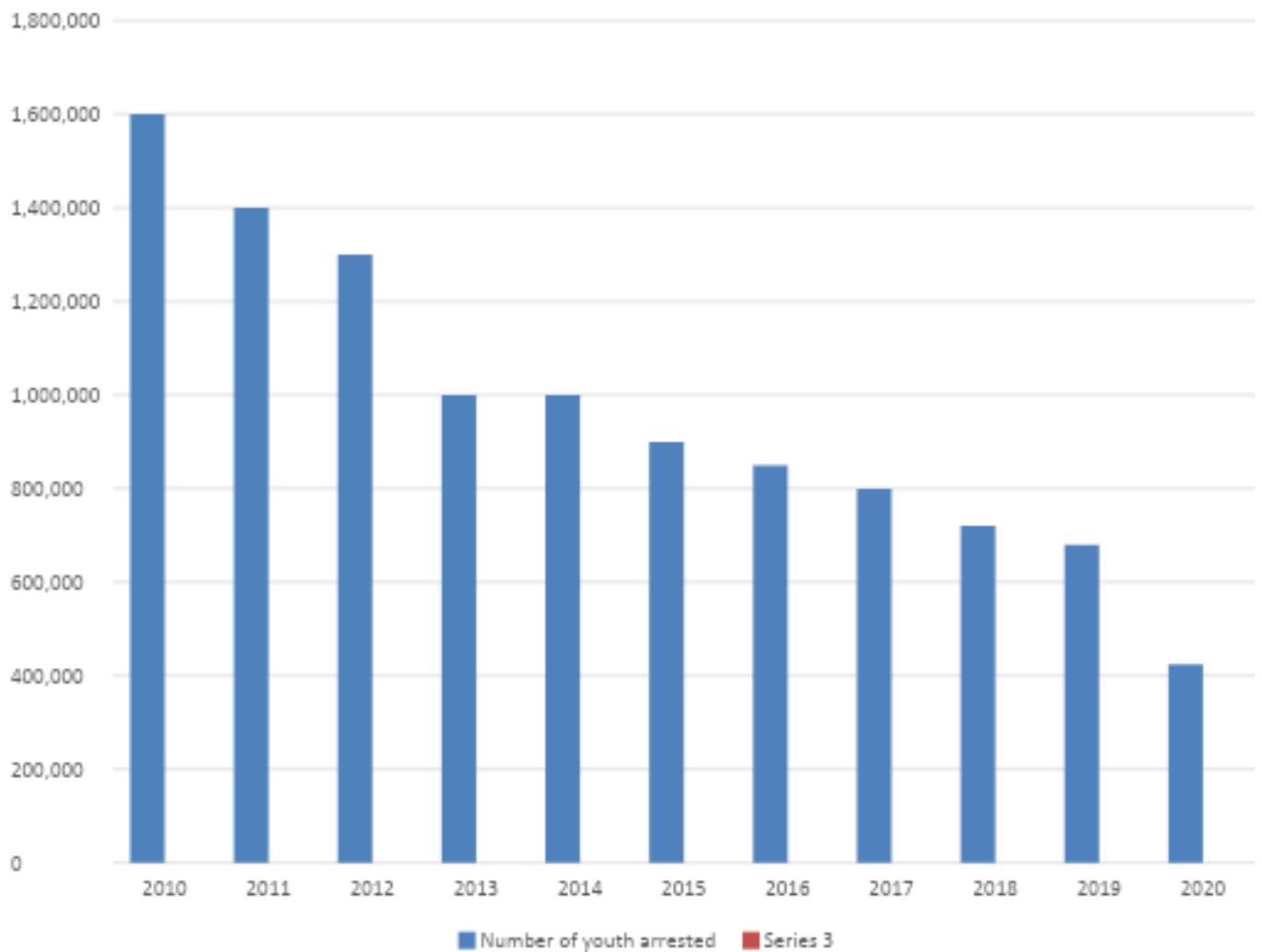
In the United States, around 11 million minors have been arrested from 2010 to 2020. In that same year, around 50 million minor accounts were active on social media platforms. Most of the crimes included property damage and drug abuse.

Source:

DOJ United States of America:

[Number of Youth arrested in the united states](#)

Number of youth arrested in the United States



Data Evaluation

The above graph shows the number of juveniles arrested in the United States of America, from the year 2010 till the year 2020. We also see that over 50 million minors were on social media. This shows an approximate 1:5 ratio of juveniles and teenagers.

Modeling

1. Broad Learning system

- ◆ Can easily identify trending hashtags that are promoting violence
- ◆ Can detect early signs of a new trends at the start by using past data and information

2. Multi – Layer Perception

- ◆ Can separate normal videos from dangerous ones.
- ◆ Can separate different types of dangerous videos onto a scale for quicker removal of more dangerous content.

3. Support Vector Machine

- ◆ Can identity harmful content and remove them

By using these algorithms, we can make an AI model which can easily find harmful content, hashtags promoting violence and remove them quickly before any minor is exposed to it. I call this AI as “Protecting the kids.”

Evaluation

Result	What Happened	What AI Did
True Positive	Flags a video promoting harm	Removed the video
True Negative	Leaves a normal video alone	Ignored that video
False Positive	Flags a normal video as promoting harm	Removed the video
False Negative	Leaves a video actually promoting harm alone	Ignored that video

How to solve mistakes?

1. False Positives – Add an option where creators can dispute that AI and send the video to a human verifier. If the video is approved, they will have their video reuploaded and will receive proper compensation for the revenue lost.
2. False Negatives – If a video receives more than 10 reports on harmful contents, it will be taken down, with a chance for the user to dispute the decision.

Deployment

I,

Seeking to ensure that my algorithm functions effectively to protect the youth;

I will,

- 1) *Ensure* that every social media platform will add this feature through the help of government laws;
- 2) *Urge* nations worldwide to enforce mandatory age checks to prevent cartels from messaging minors online at any platform;
- 3) *Urge* nations to consider social media platforms responsible for whatever is posted on the site or app with the responsibility to remove it immediately;
- 4) *Urge* social media platforms to ensure that the age verification has a human stage at some point to ensure that false estimations by the AI or other systems are rectified;
- 5) *Urge* social media platforms to NOT separate the youth and adults completely;
- 6) *Urges* the United Nations (UN) to make a separate task force and committee with the basic role of the online safety of minors and will take care of cases of cyberbullying, extortion, and illicit ads while monitoring them;
- 7) *Ensure* that platforms with a chatting feature will give user data and chats to authorities after a warrant has been issued to catch exploiters, syndicators, criminals, drug lords, cartels, Child Sexual Abuse Material (CSAM) distributors and CSAM makers;
- 8) *Ensure* the AI can give precise location of major distributives of CSAM, drugs, crime when authorities get a warrant to catch criminals and druglords.