Stage 1: HIT Creation → HITs are ready → **Stage 2: Data collection (publish the HITs)** → Look at the data → **Stage 3: Analyzing the data/information the crowd provides** → Check for quality → **Stage 4: Verifying the work of the crowd(crowd works with data)** → Creating the final result → **Stage 5: Publishing our results**

May need to improve HITS

Ensure the information is correct

HIT 1: What are topics/issues you think are important for the 2020 election? We will take this info and use it for HIT 2

HIT 2: Candidate Information(the crowd will go find the position each candidate takes on these issues from HIT 1)

Part 1: After the HIT is created, this stage is when the crowd comes in. They will determine the topics and gather information about candidates

Part 1: Look at the data provided. Is it sufficient? Do we need more data? Do they conflict?

Part 2: May need to update HITs and go back to Stage 2 depending on the quality of the data and work before

Part 1: Publish another HIT that will ask the crowd to verify the information provided by others

Similar to the image border verification

Part 2: Potentially conduct a few fact checks on our end here and there randomly to aid in verification

Part 1: Our goal is to make it easier to learn about the candidates in one location. How do we present it?

Quality Control Module

What are ways we plan on ensuring the quality of the work?
1. For the crowd workers to be paid, we will require them to find a source for the information on the candidate's position they provide and give a link to that source. This will ensure that they are actually finding a source and we can verify it.
2. They must find the excerpt within the article that declares the candidates position
3. We will only provide monetary compensation in the case that the information is reliable(financial compensation as a means of quality control)
4. We will run a second HIT that will be similar to the photo verifying process where the crowd will check whether the information is accurate similar to how the crowd checked if the image border was correct.

Aggregation Module

How will we aggregate the data we have?
1. Use majority rule on the positions candidates have. If the majority of people who provide information on a candidate's position say the same thing, then we can conclude relatively reliably that that is their position.
2. Although we will be unable to embed gold standard answers, we will also run random verification as a team and from there, can further aggregate the data that is provide and determine how we use it.
3. After aggregating all of the data, we will present it a spectrum. Some candidates may have extreme or less extreme views on various topics and thus, we can present opinions along a spectrum.