

# Final Design Report for PickYourParty

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## **Section 1: Introduction**

In an era where technology is a pivotal conduit for information, Large Language Models (LLMs) stand out as a cornerstone in the AI landscape. These advanced systems

excel in processing natural language, from conversational engagement to complex tasks like story generation, summarization, and classification. However, their utility is hampered by significant challenges, notably in generating accurate, unbiased responses and grappling with common sense understanding. Such limitations are critically felt in areas requiring nuanced decision-making, like political alignment, where the integrity and impartiality of information are paramount.

Addressing these critical gaps, the "PickYourParty" application emerges as a groundbreaking innovation. This report provides a comprehensive exploration of PickYourParty's unique features, benefits, and its ethical landscape. It delves into how the application navigates and mitigates the intrinsic constraints and biases of LLMs, offering a fresh perspective in the realm of AI-assisted political discourse.

At its core, "PickYourParty" is a dual AI application engineered to present the viewpoints of the major U.S. political parties on diverse issues. It achieves this through an engaging format of structured AI debates. Each AI, representing a distinct political stance, engages in dialogue, ensuring an informed and balanced representation of viewpoints. The application is meticulously crafted to prioritize factual accuracy and minimize misinformation. By design, it offers a balanced platform, ensuring an equal representation of responses from each AI, thus significantly reducing bias. The innovative dual-screen interface facilitates this equilibrium, providing equal visibility to both AI participants. This, combined with distinct AI personas and an interactive user input mechanism, positions PickYourParty as an invaluable tool for voters, especially those seeking clarity and unbiased information in the political sphere.

In conclusion, the "PickYourParty" application stands as a pioneering approach to overcoming the inherent limitations of current LLMs. It not only facilitates an insightful understanding of political viewpoints through AI-mediated debates but also emphasizes fairness and factual accuracy. This dual AI application, with its unique design and user-centric features, directly addresses the prevalent challenges of biases and constraints

in LLMs, making it a crucial tool for informed political engagement and decision-making.

## ***Section 2: Design Goals***

In this section, we outline the specific design goals for the "PickYourParty" application, a tool envisioned to revolutionize how users engage with political discourse using AI technology. These goals are crafted with a keen focus on enhancing both the usability and usefulness of the application, ensuring it not only meets but exceeds user expectations in navigating and utilizing the platform. Our approach is to align these design goals closely with the needs and behaviors of our target personas, ensuring that the application is both intuitive and impactful for its intended audience.

The design goals are twofold. The first goal centers on enabling users to generate personalized debates on political topics, emphasizing the credibility and verification of the information presented. This is integral for users like John, who seek an easy and clear way to create custom debates with reliable information sources. The second goal aims to enhance the application's capability in helping users like Sarah effortlessly find and validate credible information sources used in the debates. This aligns with our broader user study goals, focusing on overall user satisfaction and the application's utility in providing tailored political information.

### **2.1: Design Goals:**

#### **Design Goal 1:**

- To enable the "PickYourParty" app to facilitate users in generating a personalized debate on political topics of interest while ensuring the credibility and source verification of the information presented.
  - **Usability goal associated:**
    - Easy and clear creation of custom debates with quick source checking.
  - **Task-Based goal associated:**

- To observe a customized AI debate on a chosen political topic, with the ability to access and verify the sources of the presented arguments.
- **Relevant Persona:**
  - John

## Design Goal 2:

- To enhance "PickYourParty" with the capability for users to readily find and validate the credible source of information used by LLMs in the debate.
  - **Usability goal associated:**
    - Quick and straightforward continuation of application.
  - **Task-Based goal associated:**
    - To observe how effortless it is to continue a debate after it finishes.
  - **Relevant Persona:**
    - Sarah

Concluding the design goals section, it's clear that the "PickYourParty" application is being developed with a deep understanding of the user's needs in the realm of AI-assisted political discourse. The goals outlined prioritize not just the functional aspects of the app, such as ease of use and source credibility, but also the experiential and educational value it brings to users. By aligning these goals with specific user personas and their respective tasks, we ensure that the application is not only a technological marvel but also a user-centric platform that effectively bridges the gap between AI technology and meaningful political engagement. This strategic focus on usability and usefulness positions "PickYourParty" as an indispensable tool for those seeking to navigate the complex world of politics with clarity and confidence.

## ***Section 3: Personas and Stories***

In this section of the report, we will present two distinct personas that represent our target users for the PYP website. These personas have been developed based on insights gathered from focus groups and will guide our design and development efforts. Additionally, we will provide storyboards that illustrate how these personas will benefit from using the PYP website, showcasing how the platform addresses their specific needs and challenges. The storyboards will serve as a narrative framework to demonstrate the

value and effectiveness of our project in helping users like Sarah, our first persona, make informed decisions in a busy world of politics.

Personas communicate the kind of users you will focus on: provide 2 different personas. Storyboards illustrate the benefits of your design and the issues that your design solves. Include at least 1 storyboard for a specific Persona and how your design satisfies a need.

Based on our design goals and first iteration of our personas, we constructed storyboards that indicate how our target users will benefit from using the PYP website. Prior to this step of the project, we conducted focus groups based off of our initial target audience. From there, a reconstruction of our personas were created, which influenced the direction of our storyboards. The intent of the storyboards is to illustrate the setting our personas find themselves in. From there, the initial conflict and struggle is raised. Once the conflict has been established, the PYP project is introduced to the personas as a solution to their frustrations. By using the application, resolution for their story arc is achieved. Through this story arc, the broad scope of our project is explained, and the benefit of the product is constructed. This is the outline that will be followed for both examples, and expanded on with further detail relevant to the PYP project.

### Section 3.1: Persona 1/ Storyboard 1:

Sarah(*Figure 3.1: Storyboard Persona 1*) is an eighteen year old college freshman who wants to understand both political sides prior to voting for the upcoming election. She wants to understand the basics of politics for the upcoming election, but struggles to do so because of her busy schedule. The storyboard starts off with Sarah going through her day only to notice that voting season has begun. She recognizes that through the advertisement banner within the first frame. Within the second frame, Sarah is trying to research the political candidates, but she is struggling to find a quick and accurate source of information about the important policies being covered. The third frame shows Sarah trying to use ChatGPT to get the left and right side opinion on a specific issue, but is struggling to get ChatGPT to follow through with her directions. The fourth panel shows her finding the PYP website, which is relevant to her goals. The fifth panel showcases her enlightenment stemming from the information given by the PYP website. The sixth and final panel finally shows Sarah voting based on the information she learned from the simulated debate.



## Storyboard Persona 1: College Freshman

- Name: Sarah
- Gender: Female
- Age: 18



PICKYOURPARTY  
Since 2023



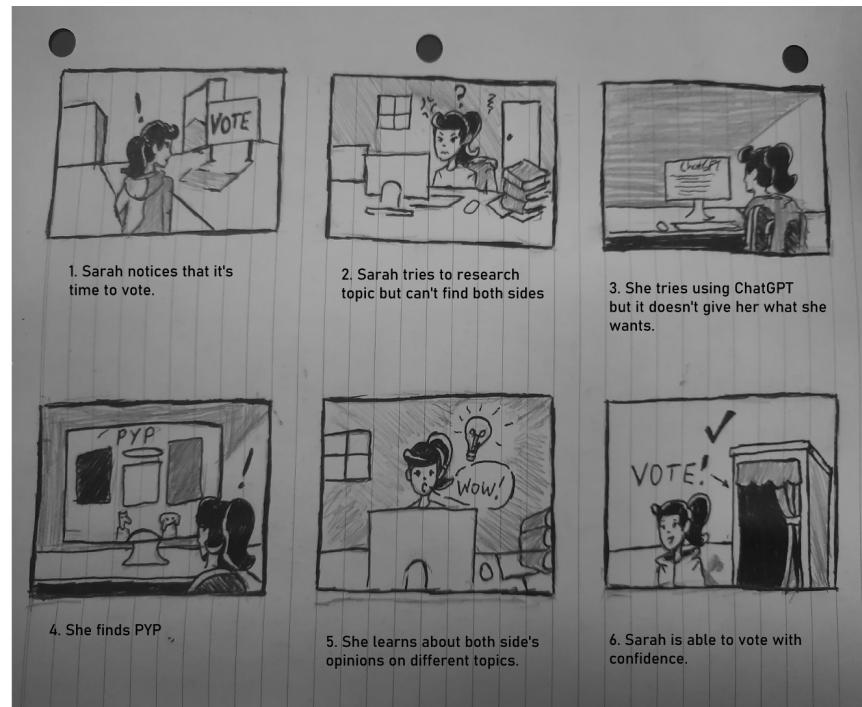


Figure 3.1: Storyboard Persona 1

In conclusion, Sarah's journey, as depicted through the storyboard, illuminates the challenges young voters face in comprehending complex political landscapes amidst tight schedules. Despite initial hurdles, her encounter with the PYP platform bridges the information gap, ultimately empowering her to make an informed decision at the ballot box. Her story underscores the critical role of user-friendly and informative platforms in shaping informed civic engagement.

### Section 3.2: Persona 2/ Storyboard 2:

John (*Figure 3.2: Storyboard Persona 2*) is a 25 year old hispanic man who has already graduated from college. John wishes to vote in local and national elections, but struggles with managing all of the conflicting opinions his family and friends have. This uncertainty is frustrating to him, and he would like to have more accurate information than word of mouth. The storyboard starts off with John seeing his friends argue about politics, and is confused about the topic. The second panel involves John looking up a source of information at one of his friends' behest. The third panel shows that John is even more confused and annoyed by the source, and wishes to research on his own. Slide four shows John finding the PYP application on his own time. Slide five involves John finding the sources within PYP, and uses the AI to help clear up the situation for him. Finally, John is able to converse with his friends with his own information.

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## Storyboard Persona 2: Undecided Voter

- **Name:** John
- **Gender:** Male
- **Age:** 25
- **Race:** Hispanic
- **Education:** Bachelor's Degree
- **Goals:** John wants to vote in local and national elections but struggles due to conflicting information and political polarization
- **Challenges:** It's hard to find a concise and accurate source for John to use as he has difficulty discussing politics with friends and family due to their strong and opposing views.
- **Motivations:** Johns motivations are to relieve himself of political anxiety while also avoiding as misinformation and bias as possible.
- **User Quote:** "I want to vote responsibly, but I feel like I'm drowning in information and can't make up my mind. I need a way to cut through the noise and understand the issues that matter most to me and my family."

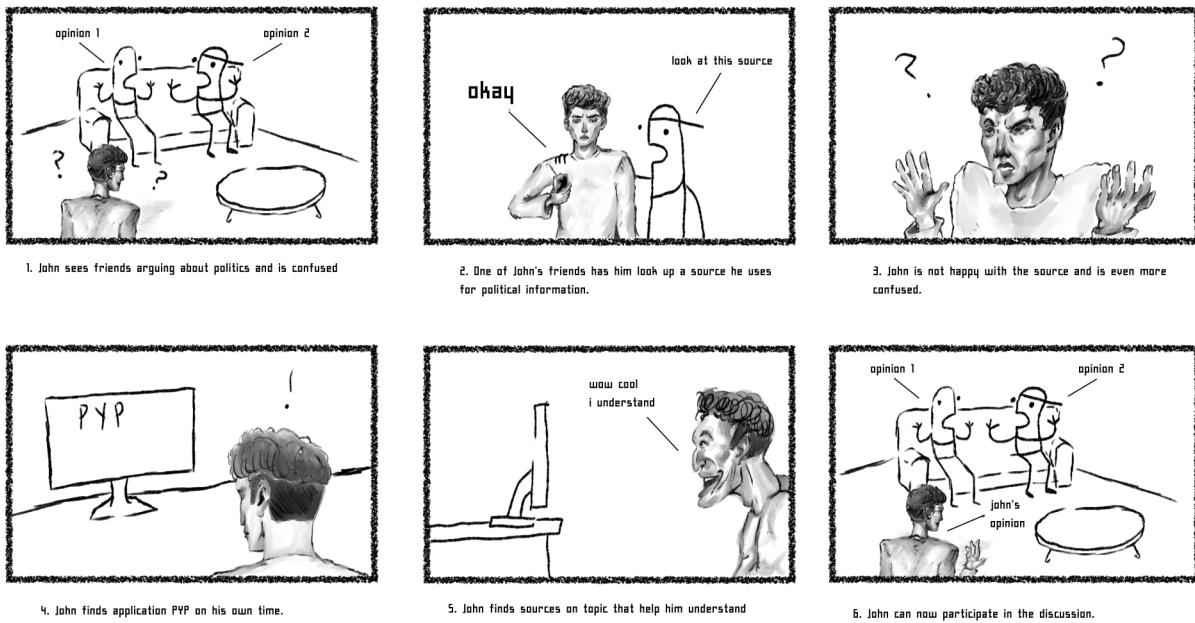



Figure 3.2: Storyboard Persona 2

In conclusion, John's journey underscores the challenges many face in today's politically charged climate, navigating through a sea of conflicting opinions. The PYP platform emerges as a transformative tool for him, transitioning from confusion to clarity. By leveraging the PYP's AI-driven insights, John finds himself equipped with accurate information, enabling him to engage confidently in political discussions with his peers.

## ***Conclusion:***

In the detailed section above, we delved into two personas, Sarah and John, representing distinct target users for the "Pick Your Party" (PYP) platform. Drawing from invaluable insights from focus groups, these personas provide a roadmap for our design and development strategies. We further visualized their interactions with the platform through storyboards, highlighting their challenges and the solutions PYP offers. Sarah's journey illustrated her pursuit for concise political information, culminating in an informed voting choice, while John's depicted his navigation through conflicting opinions to finally attain clarity in political discourse.

These narrative tools, personas and storyboards, underscore the pressing need for the PYP platform in the current political ecosystem. They emphasize its potential to simplify and clarify political discourse for its users. As we progress, our next step involves the Interaction Model, aligning the platform's design with the expectations and challenges outlined through our personas and storyboards.

## ***Section 4: Interaction Design***

In this section of the report, we delve into the concept, applications, and profound importance of the interactive model implemented in the "PickYourParty" application. This interactive model bridges user actions and system responses, offering users a dynamic and engaging platform to interact with and explore complex political data and scenarios in real time. By uncovering the model's design principles, affordances, and signifiers, we aim to highlight its pivotal role at the intersection of computing and politics. Additionally, we present two distinct user journeys, one featuring Sarah and the other featuring John, which showcase how users interact with the application to achieve specific goals. These user journeys provide insights into the practical applications and user experiences facilitated by the interactive model.

One of the key points in creating an application is the appearance of the front end. The prototype was created in Figma, then redesigned into a high fidelity prototype which is used for the updated user journeys. In terms of UI design, the color pallet of red and blue was used to emphasize the existence of two sides of the argument. Gradients and shadows were implemented to have the text boxes pop off of the screen and separate itself from the background. Fonts are done in sans serif to increase legibility on computer screens. The website does not cover the full screen in order to give room for the Bing AI application, which interacts with the website to initiate and conduct the political debates.

Interactive models represent a dynamic and innovative approach for illustrating the connection between user actions and system responses. These models are carefully designed to actively engage users, providing a robust platform for individuals to interact with, visualize, and explore complex data and scenarios in real-time. By establishing a direct and intuitive bridge between users and the underlying data, interactive models not only enhance understanding but also empower decision-makers to help test hypotheses, bring to light profound insights, and assess the potential consequences of various choices. This section will uncover the concept, applications, and profound importance of the interactive model used for the application “PickYourParty”, highlighting its pivotal role at the intersection of computing and politics. The model possesses the capability to formulate a debate on any user-picked topic, show reliable references used to formulate LLM arguments provided, and allow users to have a more engaging and relaxing experience when learning about politics.

### **Visualization 1:**

The Welcome Message Popup(*Figure 4.1: Welcome Message Popup*) contains an X button in the top corner, the “x” text signifies that clicking will close the popup window. While the actual button is an artifact. The X is a universally recognized symbol that can dismiss or close a screen. The actual “X” out button is an artifact of the application. When users launch the PickYourParty app, the Welcome Message Popup appears with instructions for using the debate feature. The text directions in the message are also signifiers because it tells the user what to do. The prominent X text in the corner is a visual cue that signals users they can click on it to make the popup disappear. This follows the convention of X buttons as a common signifier for closing overlays or notifications across many interfaces and systems. The X button on the Welcome Message lets users quickly dismiss the popup and continue into the main application with a simple, intuitive click.

### **Visualization 1(*Figure 4.1: Welcome message Popup*) - Welcome Message Popup:**

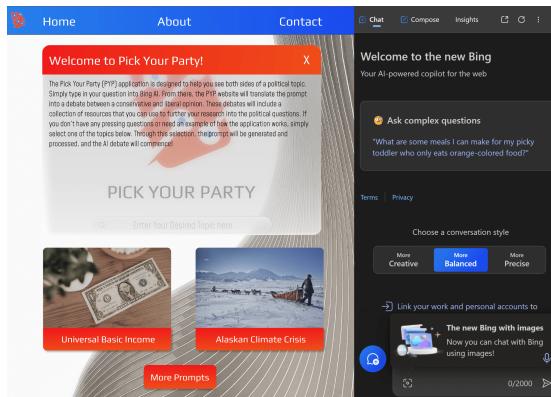
**Interaction type:** Conversing( reading the welcome message)

**Artifacts:** Popup box that contain the text instructions, X-button

**Technology:** Popup is triggered on desktop by application launch, X-out button closes pop-up

**Affordances:** User Clicking on the X out button, User reading the instructions

**Signifiers:** “X” indicates ability to close window and where to click, text indicates directions



## Visualization 2:

In the "Conversing" interaction, the Main Debate Screen (Figure 4.2: Main Debate Screen) integrates the technology of the AI debate generation system. This screen showcases dual response boxes that represent the Republican and Democrat AI personas, engaging in the debate. Users can input a topic and context into text boxes, which then prompts the AI personas to generate a debate. Additionally, expand buttons located beneath each response box act as signifiers, indicating that users can click them to delve deeper into comprehensive arguments. The initial text and the visibility of these buttons collectively guide user actions, such as entering discussions, observing AI-generated debates, and exploring detailed viewpoints.

### Visualization 2(*Figure 4.2: Main Debate Screen*) - Main Debate Screen:

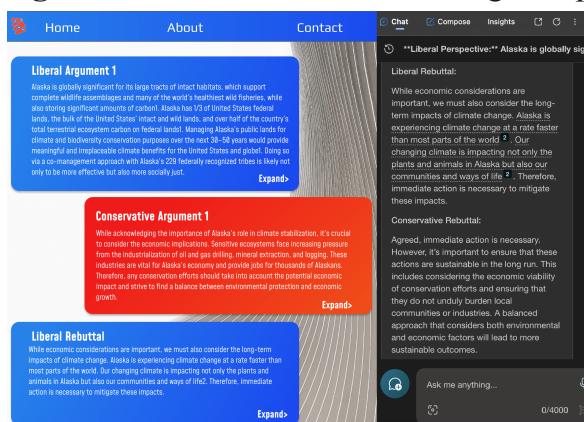
**Interaction types:** Conversing

**Artifacts:** Dual response boxes, expand buttons

**Technology:** AI debate generation system

**Affordances:** User entering text into the text boxes, user clicking “expand” buttons

**Signifiers:** Text in welcome message, Expand buttons reveal more



### Visualization 3:

Visualization 3 displays the AI's in-depth discussion point alongside a source hyperlink. This visualization is geared towards user interaction, especially for those who wish to fact-check the LLM. Key elements within this visualization include source hyperlinks and an X-out button. The technology backing this feature draws from a reputable source database.

The affordances incorporated are the ability for users to click on the hyperlink to access the original content and the option to exit the view by clicking the X-out button. As intuitive markers, the colored hyperlink and the 'X' on the button serve as signifiers. These design choices not only streamline user interaction but also harness familiar digital cues, like the universal convention of clickable colored and underlined links.

### Visualization 3(*Figure 4.3: Expanded Argument View*) - Expanded Argument View:

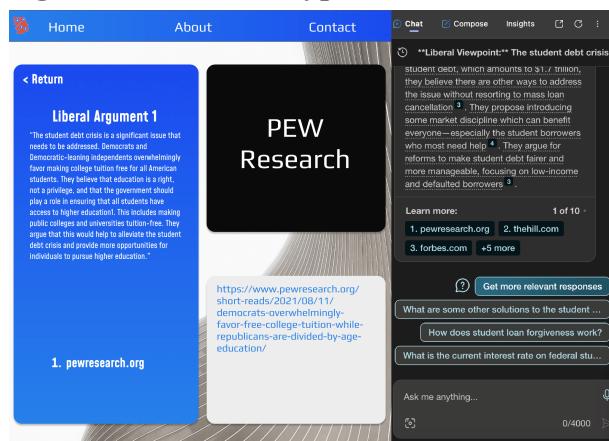
**Interactions:** Conversing(User fact checking LLM)

**Artifacts:** source hyperlinks, X-out button

**Technology:** Credible source database

**Affordances:** User clicking on hyperlink, User clicking on X out button

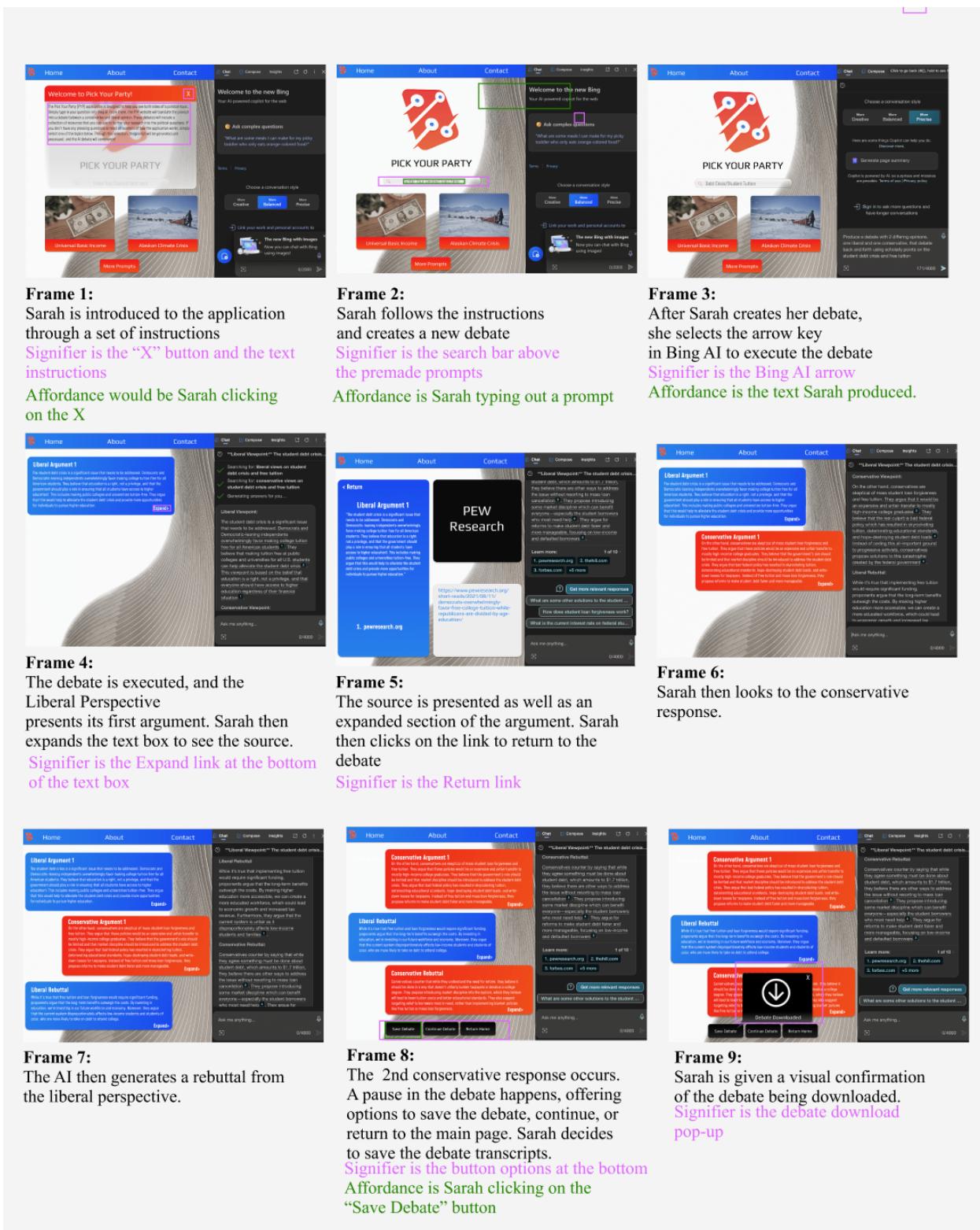
**Signifiers:** Colored hyperlink, X on the button



### Key

Affordance	
Signifier	

## Sarah



**Frame 1:**  
 Sarah is introduced to the application through a set of instructions  
**Signifier is the “X” button and the text instructions**  
**Affordance would be Sarah clicking on the X**

**Frame 2:**  
 Sarah follows the instructions and creates a new debate  
**Signifier is the search bar above the premade prompts**  
**Affordance is Sarah typing out a prompt**

**Frame 3:**  
 After Sarah creates her debate, she selects the arrow key in Bing AI to execute the debate  
**Signifier is the Bing AI arrow**  
**Affordance is the text Sarah produced.**

**Frame 4:**  
 The debate is executed, and the Liberal Perspective presents its first argument. Sarah then expands the text box to see the source.  
**Signifier is the Expand link at the bottom of the text box**

**Frame 5:**  
 The source is presented as well as an expanded section of the argument. Sarah then clicks on the link to return to the debate  
**Signifier is the Return link**

**Frame 6:**  
 Sarah then looks to the conservative response.  
**Signifier is the Return link**

**Frame 7:**  
 The AI then generates a rebuttal from the liberal perspective.  
**Signifier is the button options at the bottom**  
**Affordance is Sarah clicking on the “Save Debate” button**

**Frame 8:**  
 The 2nd conservative response occurs. A pause in the debate happens, offering options to save the debate, continue, or return to the main page. Sarah decides to save the debate transcripts.  
**Signifier is the button options at the bottom**  
**Affordance is Sarah clicking on the “Save Debate” button**

**Frame 9:**  
 Sarah is given a visual confirmation of the debate being downloaded.  
**Signifier is the debate download pop-up**

Figure 4.4: Sarah User Journey

Sarah begins her interaction by being introduced to the application's functionalities

via an instructional overlay, which she dismisses by clicking the "X" button, an action made intuitive by its common use as a close function, serving as both an affordance and a signifier. She then engages with the platform by following instructions to initiate a new debate, utilizing the search bar and selecting from pre-made prompts, actions that the interface design clearly suggests. Upon creating her debate, Sarah employs the Bing AI arrow to execute it, signifying the start of the debate process. As the debate unfolds, presenting a liberal perspective first, she expands the text box to view the source, using the affordance of expansion and guided by the "Expand" link as a signifier. Sarah then navigates through the debate using a return link, reviews the conservative response, and observes a rebuttal from the liberal perspective. She is presented with options to save or continue the debate and chooses to save the transcripts, indicated by the "Save Debate" button. Finally, she receives visual confirmation of her action through a download pop-up, marking the end of her journey.

**John**

**Frame 1:**  
John is introduced to the application through a set of instructions  
Signifier is the "X" button and the text instructions  
Affordance would be Sarah clicking on the X

**Frame 2:**  
John follows the instructions and selects a premade debate  
Signifier is the premade button prompts  
Affordance is John selecting a prompt

**Frame 3:**  
John confirms his selection  
Signifier is Go overlay on button  
Affordance is John clicking on button for a second time

**Frame 4:**  
The Debate commences from the liberal perspective. John reads the debate.

**Frame 5:**  
The first response is generated by conservative side. John continues observing

**Frame 6:**  
The second response is generated, this time by the liberal perspective.

**Frame 7:**  
The debate comes to a pause.  
John notices the three options below the text boxes and chooses to continue the debate.  
Signifiers are the three buttons  
Affordance is John selecting the center button

**Frame 8:**  
The application asks for confirmation via a pop up. John selects the button a second time to confirm his choice.  
Signifier is the pop up  
Affordance is John clicking the button again to confirm

**Frame 9:**  
The debate continues with the liberal perspective providing a increased amount of information on the topic

Figure 4.5: John User Journey

John's journey mirrors Sarah's in structure. He is greeted by the same instructional overlay, which he closes, marking his familiarity with the user interface conventions.

Selecting a pre-made debate prompt, he confirms his choice, guided by the clear signifiers overlaid on the buttons. John reads the debate, starting with the liberal perspective, witnesses the conservative response, and notes a second liberal rejoinder. At a natural pause in the debate, he is given the choice to proceed, with the available actions signified by clearly labeled buttons. Upon making a selection, a confirmation pop-up appears, which he acknowledges, signifying the app's requirement for user confirmation to proceed with the choices made.

The journeys of both users highlight the application's objective to provide a structured and intuitive environment for engaging with debates. The carefully designed affordances and signifiers ensure that users can easily navigate through the debate process, illustrating the application's commitment to creating a user experience that is both consistent and straightforward. The uniformity in design elements across both journeys suggests that the application prioritizes ease of use, allowing users to focus on the content of the debates rather than the mechanics of the interface.

## Conclusion

Through its interaction design, PickYourParty exemplifies the potential of interactive models within a unique and engaging framework. This application represents a new era where two dueling Large Language Models (LLMs) actively engage in debates on user-selected topics. The power of PickYourParty lies in its capacity to bridge the divide between human curiosity and machine intelligence, offering an immersive and dynamic platform for users to witness the exchange of contrasting perspectives and enhance their understanding. As PickYourParty is continually being developed, it shows promising results in terms of giving the user an enlightening experience while learning political knowledge.

## ***Section 5: Prototype***

The prototype of the "PickYourParty" application is a groundbreaking step in AI-assisted political discourse, specifically designed to address the challenges of bias and limited understanding in Large Language Models (LLMs). This prototype showcases a unique dual AI system where each AI represents a major U.S. political party, engaging in structured debates to present various viewpoints. Its innovative features include a dual-screen interface ensuring balanced visibility for each AI's arguments, distinct AI personas to accurately reflect different political stances, and an interactive mechanism for user inputs. These elements are pivotal in the prototype to ensure factual accuracy, reduce

misinformation, and provide a balanced and unbiased platform. The prototype's focus on these aspects makes it particularly useful for voters seeking clear and impartial political insights. Provided below is a link to the application demo video:

[https://drive.google.com/file/d/1UIXBxEBMwdofcF2aZ81uFu\\_Tl4J\\_uzFA/view?usp=sharing](https://drive.google.com/file/d/1UIXBxEBMwdofcF2aZ81uFu_Tl4J_uzFA/view?usp=sharing)

The "PickYourParty" prototype marks a significant stride in utilizing AI for political discourse. It uniquely addresses the prevalent biases and constraints in LLMs through its innovative design and balanced approach. The prototype demonstrates the application's potential in facilitating informed and unbiased political debates, emphasizing factual accuracy and fairness. Its user-centric features and engaging debate format underscore its value as a tool for enhancing political understanding and decision-making. This prototype serves as a promising example of how AI can be tailored to overcome specific challenges in political communication, positioning it as a crucial development in the field of AI and political engagement.

## ***Section 6: Evaluation***

In an era where artificial intelligence (AI) is reshaping numerous facets of life, "PickYourParty," an AI-driven political debate application, stands out as an innovative tool designed to enhance public engagement and understanding of political discourse. Recognizing the importance of user feedback in refining such a tool, a comprehensive user study was conducted. This study involved 9 participants from a variety of backgrounds, aiming to gather diverse perspectives on the application's usability, effectiveness, and ethical implications. The insights derived from this study are not only pivotal in evaluating the current state of "PickYourParty" but also in shaping its future development to better serve a wide range of users.

### **Section 6.1: Overview of the User Study**

The study involved a group of 9 participants from diverse backgrounds, including Public Health, Finance, Computer Science, Nursing, Architecture, Construction, Music, and Engineering. The participants had varied levels of AI and political knowledge, providing a broad spectrum of perspectives on the application.

In terms of goals for the study, we aimed to assess both the overall user satisfaction (Usability) and the application's utility in providing tailored political information (Usefulness). For usability, key elements include the ease and intuitiveness of navigating through the application's interface, the simplicity and efficiency in topic

selection, and the natural flow of the user experience. These factors determine the application's ability to meet user needs in an accessible and engaging manner. Concurrently, we evaluate how effectively "PickYourParty" aids users in discovering and understanding political viewpoints and issues relevant to them, which signifies the application's value in informing and educating its users, thereby enhancing their political awareness and decision-making process.

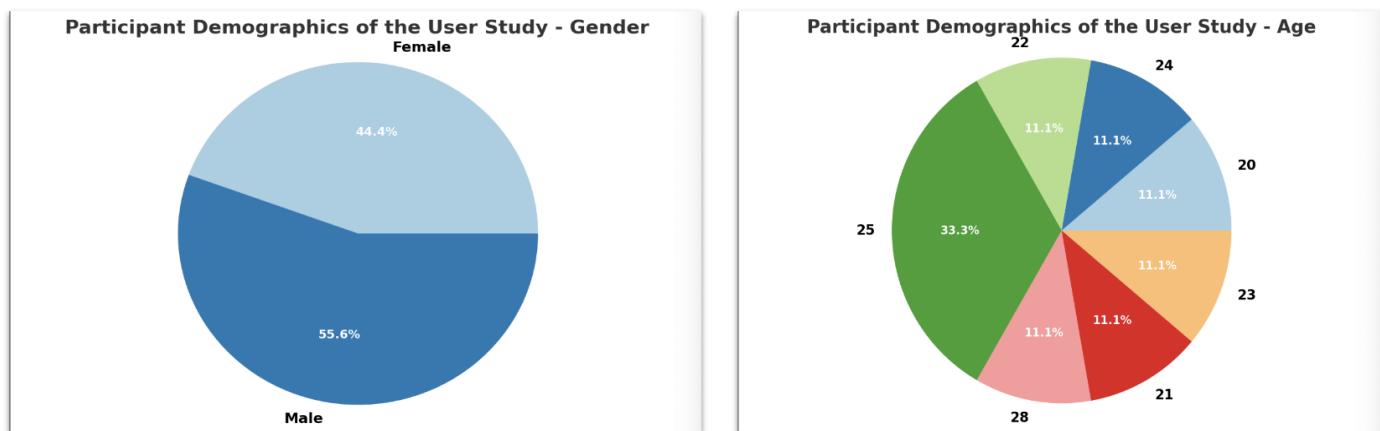
### Goals of Study:

- **Usability:**
  - To gauge overall user satisfaction with the experience, including navigation through the interface, ease of their topic selection, and natural flow of the experience.
- **Usefulness:**
  - Assess how useful the application was for the user when it came to discovering political information specified to them.

## Section 6.2: Analysis of Participant Data

### Demographic Analysis

The demographic analysis revealed a balanced mix of ages, races, genders, and areas of study among the 9 participants. This diversity was crucial in understanding how different groups perceive and interact with AI-driven political debate tools. The participants' backgrounds ranged from technical to non-technical fields, offering a well-rounded view of the application's reception.



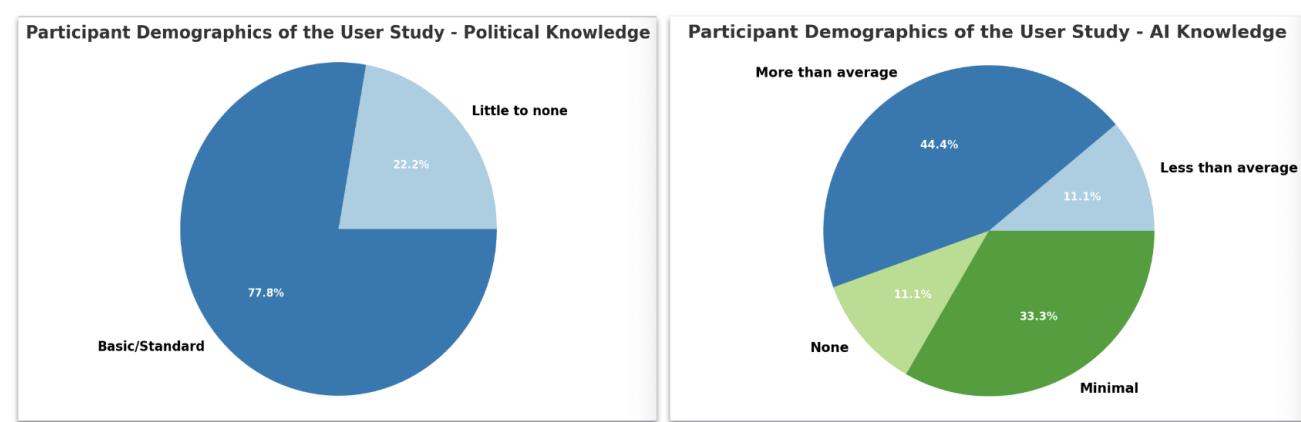


Figure 6.1: Demographic Data Pie Charts

### Analysis of Participants' Stance Towards AI

Most participants expressed positive views about AI, highlighting its efficiency and potential for innovation. Some participants, however, expressed concerns about the reliability of AI in handling complex political topics, while others adopted a neutral, wait-and-see attitude. This range of opinions underscores the varied levels of trust and skepticism that users have towards AI in political discourse.

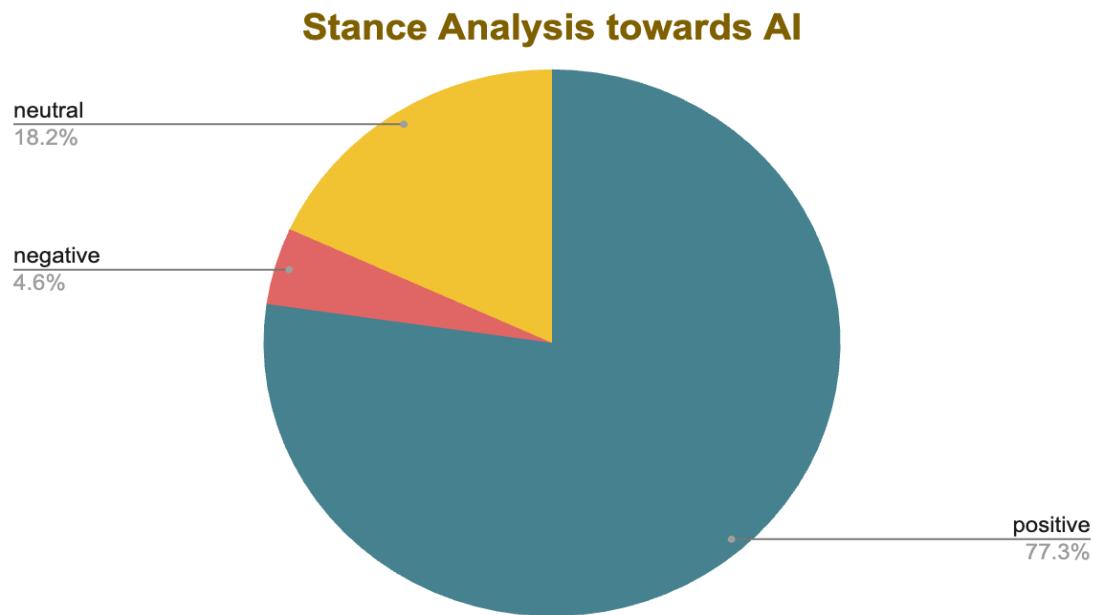
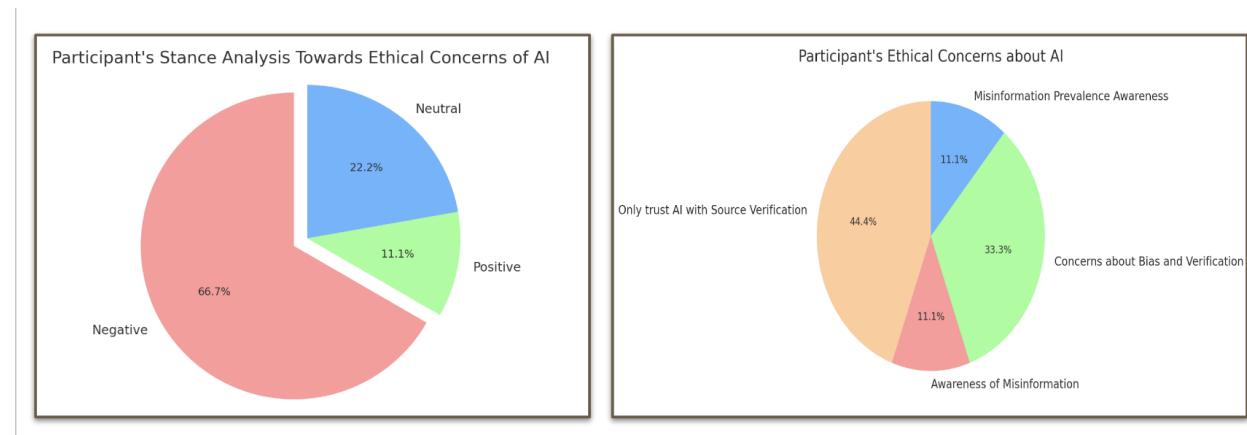


Figure 6.2: Stance Toward AI Pie Chart

### Analysis of Ethical Concerns on AI

Participants predominantly leaned towards negative stances when it came to ethical concerns of AI, with a majority expressing worries about potential biases and

misinformation. The application's source-checking feature positively influenced these perceptions, though it did not fully alleviate all concerns. This aspect of the study highlights the critical need for transparency and ethical considerations in AI applications.



*Figure 6.3: Ethical Concerns Towards AI Pie Chart*

### **Sentiment Analysis**

The analysis showed a predominantly positive response (95%) from participants, with no instances of negative sentiment. This positive reception suggests a general approval of the application's concept and implementation. The neutral sentiments, constituting about 5% of the discussions, focused on practical aspects of the application, indicating areas where improvements could be made.

Sentiment Quote	Stance	Sentiment
“Yes, it would be a good application to have on hand. That way you can see the other view because you may not understand the other point of view because a lot of us believe very strongly on these things because they affect us as humans.”	Positive towards the application and usefulness of it.	Positive (Appreciative)

"I think the purpose of the application is to give people a resource for better understanding how political arguments can be formed..."	Positive towards application and usefulness of it.	Positive (Appreciative)
"Yes. Not that the information being given by the AI is not coming from a source, but that the, there's a potential for these sources to not have the same objective validity"	Negative toward reliability in sources chosen by AI	Negative (Unsure)

Figure 6.4: Sentiment Analysis Table

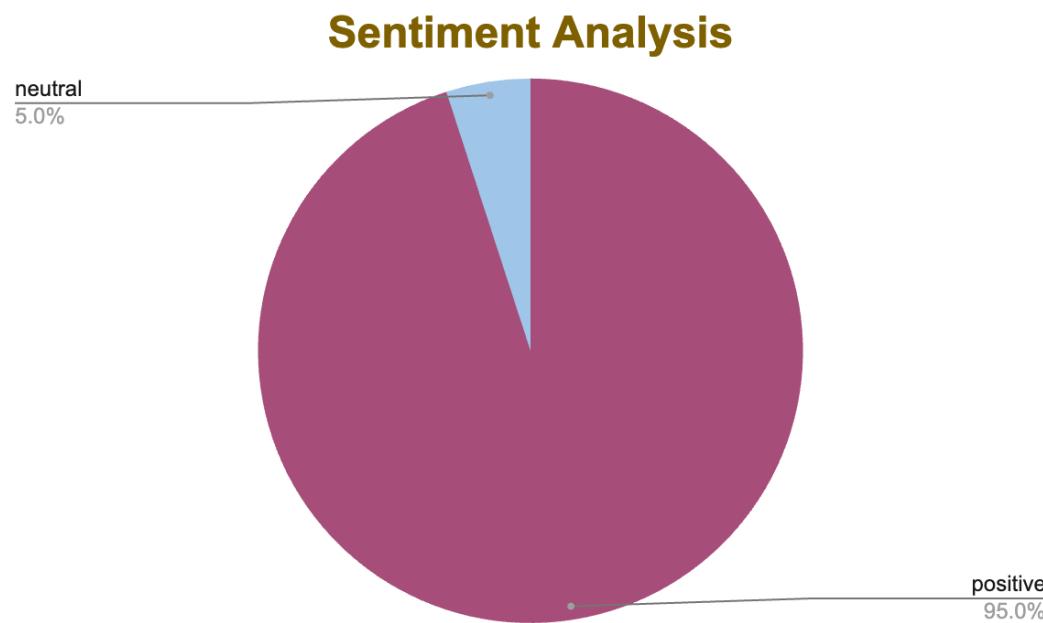


Figure 6.5: Sentiment Analysis Pie Chart

### Thematic Analysis

The thematic analysis identified five key themes from the user study:

**1. Ease of Use :** Participants found the application's user interface to be clear and easy to navigate, indicating a well-designed UI.

**2. Debates :** The use of the debate platform was praised for its ability to present different stances and mitigate bias, highlighting the application's educational value.

**3. Sources:** The source-checking feature was seen as a significant trust-enhancing element, emphasizing the importance of credible and transparent information sources.

**4. Politics:** The application was viewed as a useful tool for understanding political viewpoints, especially for those not regularly following news, indicating its potential as a learning resource.

**5. Time Efficiency:** The application was perceived as a time-efficient method for conducting political research compared to traditional methods, showcasing its practicality.

Theme	Quotes/Excerpts	# of People	# of Ref.	What It means for Design
Ease of Use	"Yes, it was very clear as to what button led you where and where, like where you needed to find things."	9	14	Design is legible and doesn't need any user experience changes
Debates	"I think it's for creating debates on political topics. And I think it's, uh, nice to check the facts behind these debates. Um, if you think more of like learning tool. Um, the app seems to have the focus on offering a neutral ground for users, uh, where you can see both sides, um, of an argument clearly. And yeah, you can then bring up your opinions about it."	9	55	Purpose of application is clear and presents idea of neutrality and discourse. Presenting two conflicting opinions mitigates bias
Sources	"I think the thing that stands out to me the most is the source checker feature that you have in the application because it helps an individual make calculated decisions and it's just not based off some like knowledge of like an AI entity, you know, so source verification is like something that I really like in the whole application."	9	47	Usage of sources as reference material is understood through the prototype. Trust primarily comes with sources

Politics	"So this app is really a game changer for people like me, seems like it would make understanding politics, political viewpoints much easier, simpler, for somebody who does not follow news every day,	9	62	Application serves as a useful alternative shorthand for news and research.
Time	"Yes, it does and it makes it much more time efficient to use the program than it would be to do all of this research on my own time and without the program."	9	18	The speed that information given can be processed is important and effects attention towards application as well as other information sources

Figure 6.6: Thematic Analysis Table

### **Summary of Application Features**

In an era where technology intersects with political discourse, "PickYourParty" emerges as an innovative AI-driven application designed to enhance political engagement and understanding. This application aims to revolutionize the way individuals interact with political debates, using AI to present and analyze various viewpoints. To gauge its effectiveness and user reception, a detailed evaluation was conducted with a diverse group of users. This user study focused on assessing the application's features, drawing insights from a broad spectrum of user backgrounds and experiences.

### **Positive Features**

Feature	Impact
Source Check	Increases trustworthiness by verifying information authenticity.
Legible AI Responses	Makes information accessible and easy to understand.
User-Friendly Design	Intuitive and easy to navigate
Inclusion of Counterarguments	Mitigates biases, presenting balanced views
Efficient Response Time	Delivers relevant information swiftly, saving time

Figure 6.7: Positive Features Table

## Negative Features

Feature	Impact
Corporate-like Design	Could impact user engagement and perception in educational settings
Role of Bing AI	Needs higher emphasis as a research assistant rather than generative AI
Lack of Source Checking	Raises ethical concerns about information credibility
Potential Bias in Sources	Might select extremely biased sources, skewing debate information
Focus on US Politics	Limits appeal for users interested in global politics.

Figure 6.8: Negative Features Table

## Recommendations for Application Enhancement and Improvements

Improvements suggested include updating the UI to be more educational, constructing a reliable source database, emphasizing the AI as assistive technology, and expanding the scope of political issues to include global perspectives.

Improvement	Quotation	Times Mentioned
Updating the UI to be more reminiscent of other educational software	“I mean, I guess like, I don't know, it felt a bit like a banking app maybe or something at the first glance”	1
Place further emphasis on the fact that bing.ai is an assistive technology and not generative like ChatGPT	“But like, I don't know. I feel like I trust that more than like an auto generated response.”	

Constructing a Database of reliable sources that the AI pulls from	“Yes. Not that the information being given by the AI is not coming from a source, but that there's a potential for these sources to not have the same objective validity”.	1
Emphasize that the AI response mainly serves as an opinion/summarization piece	“You're also, you know, working under the assumption that everything that the app produces is, uh, you know, it's background checked, it's sourced properly and everything, and you can go in and see that.”	1
Have examples of political issues specific to regions outside of the United States	“Probably, uh, I'd debate about healthcare because it's something affecting most of us.”	1

Figure 6.9: Improvements Table

## Conclusion

The user study of "PickYourParty" provides a rich tapestry of insights into how diverse user groups interact with and perceive AI in the realm of political debate. The findings reveal a general positive reception towards AI, with notable appreciation for the application's ease of use, educational value, and time efficiency. However, the study also brings to light critical areas for improvement, particularly concerning the design aesthetics, potential AI biases, and the need for a more inclusive global political perspective. The recommendations put forth, including enhancing the UI, constructing a robust source database, and broadening the political content, are instrumental steps towards evolving "PickYourParty" into a more universally accessible and ethically sound platform. Embracing these insights and recommendations, "PickYourParty" is poised to significantly enrich the landscape of political learning and engagement, leveraging AI to foster a more informed and diverse political discourse.

## ***Section 7: Ethical Issues Reflection***

In the area of political discourse, the emergence of AI-driven platforms like "PickYourParty" marks a significant advancement. However, this innovation brings with it a set of ethical challenges, particularly in the context of misinformation.

"PickYourParty," designed as an AI-mediated debate platform to present balanced viewpoints on various political topics, faces the critical task of ensuring the accuracy and impartiality of information. Misinformation, a pervasive issue in the digital age, poses a significant threat to the integrity of political discussions facilitated by such platforms. This paper delves into the ethical intricacies of combating misinformation within "PickYourParty," examining how the platform's design and operational framework strive to uphold the principles of factual accuracy and unbiased representation in AI-generated political debates. By addressing these ethical concerns, "PickYourParty" aims not only to enrich the political discourse but also to foster a more informed and critically engaged electorate.

In the research and development of "PickYourParty", an AI-driven debate platform, ethical considerations played a pivotal role, especially concerning the potential for misinformation. One significant concern was the possibility of bias in the data fed to the AI. Given that AI's understanding and responses are shaped by its dataset, the risk of inheriting biases from historical sources or media outlets is notable. To mitigate this, a strategy involving the curation of diverse, balanced datasets and regular audits was implemented. Another ethical dimension pertains to the AI-generated responses themselves. The risk of oversimplifying complex political issues or inadvertently propagating misinformation was addressed by instituting rigorous fact-checking protocols and updating the AI's knowledge base continually. Transparency and explanations in AI recommendations were also deemed crucial. Ensuring that the AI provides sources for its claims or elucidates the reasoning behind its arguments was a key step in fostering user trust and understanding, particularly vital in politically sensitive discussions. Lastly, the potential impact of this AI assistant on human jobs was considered. While there is a concern about reducing the need for human experts in debate and information dissemination, "PickYourParty" is not designed to replace human roles but rather to augment and democratize access to political information. This approach not only preserves the value of human-driven analysis but also opens up new job opportunities in the tech sector, particularly in AI development and maintenance. This research underscores the importance of ethical considerations in AI development, particularly in applications dealing with sensitive and impactful domains like political discourse.

In conclusion, the ethical dimensions of the "PickYourParty" AI-driven debate platform are multifaceted, encompassing concerns from data bias to the impact on human employment. Through careful design strategies and a commitment to continuous improvement, these challenges are addressed, ensuring the platform remains a reliable and unbiased source of political debate. The emphasis on transparency and factual accuracy not only enhances the user's trust in the AI but also contributes to a more informed and balanced political discourse. Furthermore, by augmenting rather than replacing human expertise, "PickYourParty" aligns with the broader goal of ethical AI development—enhancing human capabilities and understanding in the digital age. This approach exemplifies the potential of AI to positively transform information access and discussion in politically sensitive areas while maintaining ethical integrity and social responsibility.

## ***Section 8: Use of AI***

Adding Artificial Intelligence (AI) to our research has proven a game-changing strategy, giving our report on PickYourParty unmatched depth and dimension. AI has been a helpful tool that has helped us with many essential parts of our study, from creating user personas to carefully analyzing the nuances of Large Language Models (LLMs). This particular use of AI has sped up our research process and given us far-reaching and subtle insights, providing a thorough comprehension of our subject.

Artificial intelligence provided quick, thorough, and versatile studies that would have taken a lot of time and been less accurate if done manually, acting as an extension of our research team. In particular, we used various AI platforms for two distinct but related tasks: developing user personas to comprehend the particular demands of our target demographic and thoroughly examining the benefits and drawbacks of LLMs. The speed and level of knowledge that these AI applications provided to our study increased its reliability and breadth.

Incorporating AI technologies significantly enhanced the quality and depth of this report. Below are the specifics of AI utilization at different stages of report preparation:

### ***For Setting Up Table of Contents:***

- **Date:** 11-23-23
- **AI Platform and Version:** ChatGPT 4.0
- **Prompts Used:** “What is a clean way to set up a table of contents in a research report?”

- **Reflection:** The LLM provided me with a really clean way to present a table of contents. I ended up using the template it gave me. It looked really professional and way easy to read.

### ***For Creating Analysis Graphs:***

- **Date:** 11/28/23
- **AI Platform and Version:** ChatGBT 4.0
- **Prompts Used:** “Take the data provided and turn it into readable graphs.”
- **Prompts Used:** I ended up doing this with not only the demographic data, but also to represent the “Stance toward ethical concern of AI” data. The LLM gave me clean graphs that were very readable.

## ***Section 9: Appendix***

### **9.2: User Study Transcripts:**

#### **\*\*\*\*\* Participant 1 Transcription \*\*\*\*\***

##### **Audio**

File:[https://drive.google.com/file/d/1lm93MxlqAK6OrjGmBjSq2GbIp81\\_XkXu/view?usp=sharing](https://drive.google.com/file/d/1lm93MxlqAK6OrjGmBjSq2GbIp81_XkXu/view?usp=sharing)

#### **Moderator • 0:00 - 0:36**

“Hello. Welcome to the user study for our application Pick Your Party. We really appreciate your participation. Pick Your Party is an AI driven web application that allows you to create custom political debates as well as check the sources used for the debates. To easily continue research on your topic chosen to begin, you will be shown a demo video that will show our applications features throughout this application Demo video, you'll witness two main tasks being run using pick your party. The first task you'll witness is how you would create a custom debate and source check the application during the debate.”

#### **Moderator • 0:37 - 0:49**

“The other task you will see is how you would create a debate, but stop it midway through to ask the LLM to clarify or simplify the debate output. These two tasks were chosen to demonstrate the usefulness and usability of the application.”

#### **DEMO MODERATOR • 1:10 - 1:45**

“All right, so pick Your Party is a website designed to help look at both sides of the debate based on any topic that the user wishes to choose. And it will also give quick and straightforward source checking. The task that I'll be showing you today is creating a custom debate and saving it and expanding upon the source. And then the second task will be actually continuing the debate from its initial stopping point. Now the first thing here is you have this welcome to pick your party, little popup, just giving you a quick rundown of how the website works.”

**DEMO MODERATOR • 1:45 - 2:06**

“We'll close out of that. Next we're going to enter our desired topic. It will be, for example, student debt intuition. You can see here the website will send in a pre-rendered sort of, uh, template for, uh, designing a debate. So you can see here, produce a debate with two different opinions.”

**DEMO MODERATOR • 2:06 - 2:38**

“One the world, one conservative, and it will kind of all follow that. And then from there you can either click on the search button button here or the go arrow on big ai. And then from there it will start the debate. Now one thing to note here with this, uh, each uh, little popup here is that it will match big AI as, uh, response. It'll just give a easier way to read it. And then if you click expand, it will have the source that is being used. So you can go here, you click on the source.”

**DEMO MODERATOR • 2:38 - 2:53**

“It's like, oh, okay, so that's what it's based off of. And then you can just return to the debate and watch as it continues to go on. You can see here's a conservative viewpoint and it is matching the being AI because the website and the AI are conversing in a sort of way.”

**DEMO MODERATOR • 2:53 - 3:28**

“And so once you get to a sort of stopping point, once the AI goes into a stopping point, we'll be given three options to save the debate, continue the debate or return home. We're gonna first save this debate because we have this little thing here and we wanna be able to go back to it. So just click on save debate, it's downloaded. Now we can return home. So I can show you how to continue the debate. Now, while you could, uh, enter your topic, you can also click on one of the preset topics. It'll be more than that. Uh, just these two in like the final product should it be, uh, continued with.”

**DEMO MODERATOR • 3:29 - 4:05**

“And so you can see here this one is going on the climate crisis and it will just kind of follow through with what we have here. And then by clicking on continue debate, you'll have another prompt pop into Bing ai, which you can edit. But this is like what the website will kind of shoot out at the beginning. And then from here you can either click on the continue debate again or the go button on binging to uh, continue the prompt. And then from here you can see that now based off of the previous uh, topic, it is continuing the, uh, debate.”

**DEMO MODERATOR • 4:06 - 4:15**

“And that is all we wish to show you. And any questions can be referred back to the host of the conversation.”

**Moderator • 4:18 - 4:30**

“Alright, so now that you're finished with the demo video, I'm just gonna ask you a couple follow up questions that are opinion based. So first, what do you think the purpose of this application is?”

**Participant 1 • 4:32 - 4:32**

“Um,”

**Participant 1 • 4:34 - 4:43**

“I mean it could be used say to show the counter argument in a paper you're looking at. You could also,”

**Moderator • 4:49 - 4:51**

“So you're looking at it more from an academic side.”

**Participant 1 • 4:52 - 5:01**

“Yeah, it shows you both viewpoints because it's putting yours, but then it's also taking the things you're saying and showing what the other side sees.”

**Moderator • 5:01 - 5:05**

“So if you were to like use this application, what kind of debate would you create?”

**Participant 1 • 5:07 - 5:35**

“Um, I mean, I tend to look at a lot of stuff dealing with healthcare or healthcare rights. So I could look at both the conservative and liberal views of our reproductive rights.”

**Moderator • 5:37 - 5:42**

“So do you, would you see yourself using this application for that purpose if you needed it?”

**Participant 1 • 5:43 - 5:59**

“I mean, yes, it would be a good, it would be a good application to have on hand. That way you can see the other view because you may not understand the other point of view because a lot of us believe very strongly on these things because they affect us as humans.”

**Moderator • 6:01 - 6:08**

“So during this uh, video demonstration, did you at any point worry that the AI would give you misinformation?”

**Participant 1 • 6:10 - 6:27**

“No, because we were shown clearly that it was communicating back and forth with the computer and you could see kind of how it related to the other viewpoint, but still showed like how different people think on different topics.”

**Moderator • 6:28 - 6:37**

“So the addition of the expansion of checking the source, would you say that that is a big thing when it came to cutting out misinformation?”

**Participant 1 • 6:38 - 6:43**

“Yeah, because it gives you a second thing for rely on when you're looking at said information.”

**Moderator • 6:44 - 6:54**

“So for the application as a whole, how would you say that using it would potentially influence your approach to learning political information? Information in the future?”

**Participant 1 • 6:55 - 7:14**

“Well, it keeps you more neutral in certain arguments because you can see both sides very, like in a very detailed manner because there is every little like piece of information there and you can keep going into debate and like going and going if you don't really have to end it, if you want more information.”

**Moderator • 7:15 - 7:18**

“Can you think of a better way to learn political information?”

**Participant 1 • 7:20 - 7:38**

“I mean, we're always shown that like when you read the raw data and you stuff like that, but it's also feeding you raw data. So that gives you kind of like a one up on looking at the other point of view because instead of having to go look for it, it's popping straight up to you.”

**Moderator • 7:39 - 7:40**

“So you'd say that it's a good way to cut out time?”

**Participant 1 • 7:41 - 7:52**

“Yeah, definitely. It's, it's save you time because you don't have to go looking for what other people think. You just have to take your side and then you should get shown, like shown the opposite opinion.”

**Moderator • 7:53 - 8:01**

“Are there any aspects that made the process more enjoyable, easier or any like challenges or complications that you saw?”

**Participant 1 • 8:04 - 8:09**

“I did not see any complications really at all.”

**Moderator • 8:10 - 8:22**

“Did when, like going through the user process, did you find that the interface was like user friendly when you were watching it? Meaning like it was easy navigate, like if you wouldn't have any preference beforehand, would you be able to navigate this system?”

**Participant 1 • 8:23 - 8:37**

“No. Yes, it was very clear as to what button led you where and where, like where you needed to find things. They were very clear pictures were next to 'em, you know what I mean? Like it was very user friendly.”

**Moderator • 8:37 - 8:48**

“So everything that you saw had a reference point that you'd already seen before? Yeah. And then finally, would you recommend this application to others? Um, when it comes to learning about political information?”

**Participant 1 • 8:49 - 9:13**

“Yes, because it is, it's a good source to use because you know for one, that it is fact checked and verify, so there's no extra information that isn't factual, but you also get things that you may not think of because a lot of us are stuck in our opinions. So when we're showed a different opinion, it's like, ah, that exists. You know what I mean? Like Yep. D viewpoint. Perfect. All”

**Moderator • 9:13 - 9:15**

“Right. Well thank you for your participation.”

**Participant 1 • 9:16 - 9:17**

“Of course. Okay.”

**\*\*\*\*\* Participant 2 Transcription \*\*\*\*\*****Audio**

**File:<https://drive.google.com/file/d/1UMfRcQulNMV3G18qgXwFNPp4FpMQemEK/view?usp=sharing>**

**Moderator • 0:01 - 0:36**

“Hello, welcome to the user study for our application. Pick Your Party. We really appreciate your participation. Pick your Party is an AI driven web application that will allow you to create, uh, custom political debates as well as check the sources used for those debates. To easily continue research on your topic chosen to begin, you'll be shown a demo video that will show our applications features throughout this application. Demo video, you'll witness two main tasks being run using pick your Party. The first task you'll witness is how the, you would create a debate and source check your application during the debate.”

**Moderator • 0:36 - 0:49**

“The other task you will see is how you would create a debate, but stop at Midway to ask the LLM to clarify or simplify the debate output. These two tasks were chosen to demonstrate the usefulness and usability of our application.”

**DEMO MODERATOR • 0:56 - 1:31**

“All right, so pick Your Party is a website designed to help look at both sides of the debate based on any topic that the user wishes to choose. And it will also give quick and straightforward source checking. The tasks that I'll be showing you today is creating a custom debate and saving it, expanding upon the source. And then the second task will be actually continuing the debate from its initial stopping point.”

**DEMO MODERATOR • 1:32 - 1:42**

“Now, the first thing here is you have this welcome to pick your party, little popup, just giving you a quick rundown of how the website works. We'll close out of that.”

**DEMO MODERATOR • 1:45 - 2:19**

“Next we're going to enter our desired topic. It will be, for example, student debt intuition. We can see here the website will send in a pre-rendered sort of, uh, template for, uh, designing a debate. So you can see here, produce a debate with two different opinions, one liberal, one conservative, and it will kind of all follow that. And then from there, you can either click on the search button button here or the go arrow on binging ai.”

**DEMO MODERATOR • 2:20 - 2:47**

“And then from there it will start the debate. Now, one thing to note here with this, uh, each uh, little popup here is that it will match binging AI's uh, response. It'll just give an easier way to read it. And then if you click expand, it will have the source that is being used. So you can go here, you click on the source. It's like, oh, okay.”

**DEMO MODERATOR • 2:47 - 3:19**

“So that's what it's based off of. And then you can just return to the debate and watch as it continues to go on. You can see here's a conservative viewpoint and it is matching the big AI because the website and the AI are conversing in a sort of way. And so once you get to a sort of stopping point, once the AI goes into a stopping point, we'll be given three options to save the debate, continue the debate or return home.”

**DEMO MODERATOR • 3:19 - 3:41**

“We’re gonna first save this debate because we have this little thing here and we want to be able to go back to it. So just click on save debate, it’s downloaded. Now we can return home. So I can show you how to continue a debate. Now, while you could, uh, enter your topic, you can also click on one of the preset topics.”

**DEMO MODERATOR • 3:41 - 4:16**

“It’ll be more than that, uh, just these two in like the final product should it be, uh, continued with. And so you can see here this one is going on the climate crisis, and it will just kind of follow through with what we have here. And then by clicking on continued debate, you’ll have another prompt pop into binging ai, which you can edit, but this is like what the website will kind of shoot out at the beginning.”

**DEMO MODERATOR • 4:17 - 4:48**

“And then from here you can either click on the continue debate again or the go button on binging to, uh, continue the prompt. And then from here you can see that now based off of the previous, uh, topic, it is continuing the, uh, debate. And that is all we wish to show you. And any questions can be referred back to the host of the conversation.”

**Moderator • 4:54 - 4:58**

“All right. So now that you’re done with the demo, what do you think the purpose of the application is?”

**Participant 2 • 5:00 - 5:28**

“I think the purpose of the application is to give people a resource for better understanding how political arguments can be formed and seeing how arguments should be structured. And then also giving them a list of reputable sources that they can go and fact check the arguments that are being made so they can then go and kind of assess the integrity of the debate process.”

**Moderator • 5:30 - 5:32**

“So you call it for like a full circle application?”

**Participant 2 • 5:33 - 5:34**

“Sure. Okay. Yeah.”

**Moderator • 5:35 - 5:40**

“If you were to use the application, what kind of debate would you create using this application?”

**Participant 2 • 5:44 - 6:14**

“I think, uh, if for me, the application would be best used to probably go and see like there's a lot of like hot topic issues that are gonna be discussed. And I think that this application could be used to go and really like get all of the sources and elements of that topic. Um, so I, I would probably use it just to, to really make sure that like your viewpoint is comprehensive and that your arguments make sense and are, and are supported by fact.”

**Moderator • 6:15 - 6:18**

“Would you use this in real life for that purpose? Why or why not?”

**Participant 2 • 6:18 - 6:52**

“Yeah, I think that, 'cause a lot of times you don't really know when you hear like a debate or you hear people throw things out there, you don't really know necessarily what's true, what's not. Um, I think with here you kind of simulate that and you, you're also, you know, you're working under the assumption that everything that the app produces is, uh, you know, it's background checked, it's sourced properly and everything, and you can go in and see that. So I think that it, it will kind of help, you know, reach not necessarily more correct conclusions, but definitely more well supported and logical conclusions.”

**Moderator • 6:53 - 6:57**

“Did you worry at any point that the AI would provide you with misinformation?”

**Participant 2 • 6:59 - 7:07**

“I, it's hard to say. Not with the issue that I saw, but I think that that's part of the, the benefit of having your sources listed is then you can go and do your own investigation.”

**Moderator • 7:08 - 7:16**

“If you were to have that concern, what point do you think that that would arise at and how would you go about validating your concern?”

**Participant 2 • 7:18 - 7:33**

“I think if, you know, you, you can have some, maybe like if a source is not something that you would consider, uh, acceptable or whatever, you could, you could either take that into, you know, how much weight you give to the argument that was being made, or you could also contact the administrator of the app. And”

**Moderator • 7:33 - 7:37**

“So even just ask the AI to clarify and give you a different one?”

**Participant 2 • 7:37 - 7:38**

“Yeah. Yeah.”

**Moderator • 7:40 - 7:46**

“Would you, uh, use this application or would you say that it would influence your approach to learning political information?”

**Participant 2 • 7:48 - 7:59**

“I think it would influence your approach to, to, uh, learning political information, but I don't think that it's something that I wouldn't use. I think it could enhance the way that you learn political information. So”

**Moderator • 8:00 - 8:03**

“Do you think it's a better way of learning political information? Do you think there's an even better way?”

**Participant 2 • 8:03 - 8:14**

“I think, uh, I mean it depends what your traditional approach is, but I think for a lot of people they just read headlines. So yes, I would say this is a big enhancement to that.”

**Moderator • 8:15 - 8:20**

“Are there any aspects that made the process more enjoyable or easier as well as any challenges or drawbacks that you noticed?”

**Participant 2 • 8:21 - 8:47**

“Yeah, I think that, uh, anytime you can see like a response to something and you can see how it's supported, that's probably beneficial. Um, and that's, it can be used as a

learning tool in the bigger scope of things. But I do think maybe one thing that's challenging is there are a lot of words, and I mean, it was a demonstration, so obviously I didn't have time to like go through and read it all. But maybe, uh, some different mediums of how the information is presented could be useful."

**Moderator • 8:48 - 8:52**

"So like having user choose whether they have like a long output or like if it's wordy?"

**Participant 2 • 8:52 - 9:01**

"Yeah. Yeah, maybe, maybe like the length of it, it, maybe it could also be read to the person. Maybe you could have a simulated video where people are actually debating. So you're watching it."

**Moderator • 9:01 - 9:05**

"Yeah. Do you think that the application's interface is user-friendly?"

**Participant 2 • 9:06 - 9:07**

"Yeah, I think it's pretty intuitive."

**Moderator • 9:08 - 9:13**

"And then finally, would you recommend this application to others for learning political information?"

**Participant 2 • 9:13 - 9:15**

"Yeah, absolutely. I think it's a great alternative."

**Moderator • 9:16 - 9:20**

"All right. Well, thank you for participating in our user study."

**Participant 2 • 9:20 - 9:21**

"Thanks for having me."

\*\*\*\*\* Participant 3 Transcription \*\*\*\*\*

**Audio File:**

[https://drive.google.com/file/d/1DtزميZijHFB15\\_DSjCZe3AQOOtsAj9SG/view?usp=sharing](https://drive.google.com/file/d/1DtزميZijHFB15_DSjCZe3AQOOtsAj9SG/view?usp=sharing)

**Moderator • 0:00 - 0:35**

“Hello, welcome to the user study for our application. Pick Your Party. We really appreciate your participation. Pick Your Party is an AI driven web application that will allow you to create a custom political debate as well as check sources and for use for the debates to continue the research on your own. To begin, you're going to watch a demo video that will show you our applications features Throughout this application demo video, you'll witness two main tasks being run using pick your party. The first task you'll witness is how you, you would create a custom debate and then source, check the application.”

**Moderator • 0:35 - 0:54**

“Using the debate side, expand. The other task will show you how you would create a debate and then stop it midway through to continue the debate or ask for it like a simplified output. These two tasks were chosen just to demonstrate its usefulness and usability. So let's see.”

**Moderator • 1:00 - 1:00**

“Can you see?”

**Participant 3 • 1:02 - 1:03**

“Mm-Hmm, <affirmative>.”

**DEMO MODERATOR • 1:06 - 1:40**

“All right. So pick Your Party is a website designed to help look at both sides of a debate based on any topic that the user wishes to choose. And it will also give quick and straightforward source checking. The tasks that I'll be showing you today is creating a custom debate and saving it and expanding upon the source. And then the second task will be actually continuing the debate from its initial stopping point.”

**DEMO MODERATOR • 1:41 - 1:52**

“Now the first thing here is you have this welcome to pick your party, little popup, just giving you a quick rundown of how the website works. We'll close out of that.”

**DEMO MODERATOR • 1:54 - 2:25**

“Next we're going to enter our desired topic. It will be, for example, student debt intuition. You can see here the website will send in a pre-rendered sort of, uh, template

for uh, designing a debate. So you can see here, produce a debate with two different opinions, one liberal, one conservative, and it will kind of all follow that. And then from there you can either click on the search button button here or the no arrow on big ai.”

**DEMO MODERATOR • 2:26 - 2:48**

“And then from there it will start the debate. Now one thing to note here with this, uh, each uh, little pop up here is that it will match being AI's uh, response. It'll just give an easier way to read it. And then if you click expand, it will have the source that is being used. So you can go here, you click on the source. It's like, oh, okay.”

**DEMO MODERATOR • 2:48 - 3:18**

“So that's what it's based off of. And then you can just return to the debate and watch If it continues to go on, you can see here's a conservative viewpoint and it is matching the Bing AI because the website and the AI are conversing in a sort of way. And so once you get to a sort of stopping point, once the AI goes into a stopping point, we'll be given three options to save the debate, continue the debate or return home. We're gonna first save this debate because we have this little thing here and we wanna be able to go back to it.”

**DEMO MODERATOR • 3:18 - 3:32**

“So just click on safe Debate, it's downloaded. Now we can return home. So I can show you how to continue a debate. Now, while you could, uh, enter your topic, you can also click on one of the preset topics. It'll be more than that.”

**DEMO MODERATOR • 3:32 - 4:06**

“Uh, just these two in like the final product should it be, uh, continued with. And so you can see here this one is going on the climate crisis and it will just kind of follow through with what we have here. And then by clicking on continue debate, you'll have another prompt pop into Bing ai, which you can edit. But this is like what the website will kind of shoot out at the beginning. And then from here you can either click on the continue debate again or the go button on binging to uh, continue the prompt.”

**DEMO MODERATOR • 4:07 - 4:26**

“And then from here you can see that now based off of the previous uh, topic, topic, it is continuing the uh, debate. And that is all we wish to show you. And any questions can be referred back to the host of the conversation. Right, thank you.”

**Moderator • 4:28 - 4:34**

“Now that you've finished the demo, I have a few questions. So first, what do you think the purpose of this application is?”

**Participant 3 • 4:36 - 4:51**

“Is to help highlight both sides to more politically based conversations and debates while simultaneously providing people with the sources for the information that the AI is using in those debates.”

**Moderator • 4:53 - 4:57**

“So, um, if you were to use our application, what kind of debate would you create?”

**Participant 3 • 4:59 - 5:28**

“Um, I've given my job role and then I work in inpatient psychiatry with a lot of chronically unhoused and patients who are also chronic substance users. My number one would probably be looking at the housing crisis we currently have going on, given and debates regarding how our current systems can change to meet the demand for housing in the unhoused community.”

**Moderator • 5:29 - 5:34**

“Would you use this application for creating that debate in the previous purpose stated?”

**Participant 3 • 5:36 - 5:59**

“Yeah, I definitely would because as somebody who works closely with those populations, it can be a bit hard for me to be able to step back and see the counter arguments that would be made against what I'm saying. And so this would give me not only like other viewpoints to consider, but the sources needed to look at these viewpoints and get more information.”

**Moderator • 6:00 - 6:06**

“Okay. And then after watching the demo, at any point did you worry about getting misinformation from the ai?”

**Participant 3 • 6:07 - 6:07**

“No, I did not.”

**Moderator • 6:08 - 6:10**

“And is this because you can check your sources?”

**Participant 3 • 6:11 - 6:22**

“Yeah, if there's a hyperlink right there where I can check to see where this information is coming from. So unless the AI is creating its own websites, they can't really be giving me misinformation.”

**Moderator • 6:22 - 6:36**

“So you'd say, since we have the place for you to check your sources, that gives a lot of clarity to the Yes. Application sense of, okay. Perfect. And then would using this application influence your approach to learning political information?”

**Participant 3 • 6:38 - 6:59**

“I would say yes 'cause it really makes it so that way, like if I wanna get more information on something like the climate crisis, I can go in here and get sources immediately relating to the climate crisis that are, it's, they're already being source checked.”

**Moderator • 7:00 - 7:03**

“And can you think of a better way to learn political information?”

**Participant 3 • 7:05 - 7:15**

“Um, I could probably sit and go through hundreds if not thousands of articles on my own time, but that would take significantly longer than using this program.”

**Moderator • 7:15 - 7:21**

“Yeah. So you'd say that this program cuts out a lot of the middleman time that no one really has?”

**Participant 3 • 7:22 - 7:30**

“Yes, it does and it makes it much more time efficient to use the program than it would be to do all of this research on my own time and without the program.”

**Moderator • 7:31 - 7:39**

“Are there any aspects that you found in the process that made it more enjoyable or easier as well as any challenges or drawbacks that you saw?”

**Participant 3 • 7:41 - 7:59**

“So I really liked how it was set up, almost like a text conversation where you could see the bubbles going back and forth and they were proper, like labeled and color coded. I also really liked that the hyperlink for the information was visible right at the bottom of the information, so you didn't have to click a bunch of buttons to try to figure out where the information was from.”

**Moderator • 7:59 - 8:04**

“Yeah. Is there any, uh, critiques that you found while going through the application?”

**Participant 3 • 8:06 - 8:36**

“Um, I would, I did not see a point where the, while it was sourced information, looking at, especially if it was news sources where this information was being brought from, if that news source is known for being, say, more information based versus more opinion based. And if like generally speaking, they tend to be more liberally or conservatively aligned.”

**Participant 3 • 8:37 - 8:45**

“So just because if they're more information based, they're more likely to be less biased with the information they're providing.”

**Moderator • 8:45 - 8:51**

“So your worry is just that the news source that is deemed scholarly may not actually be adequate news?”

**Participant 3 • 8:52 - 9:03**

“Yes. Not that the information being given by the AI is not coming from a source, but that the, there's a potential for these sources to not have the same objective validity”.

**Moderator • 9:04 - 9:09**

“Yeah. So they're not just completely unbiased, they definitely have a side pick. So that's where you're worried would be?”

**Participant 3 • 9:11 - 9:11**

“Yes”.

**Moderator • 9:11 - 9:18**

“So disregarding that, did you find the overall application user or interface to be user-friendly?”

**Participant 3 • 9:19 - 9:20**

“Yes. It was”

**Moderator • 9:20 - 9:21**

“Easy to navigate and”

**Participant 3 • 9:21 - 9:44**

“I, I really appreciated that it again, provided both sides to the argument and that at least from the demo provided it wasn't a rebuttal to a, like say the liberal side was not, well it because it is from the conservative side. Like they were both very well formulated responses in the debate.”

**Moderator • 9:44 - 9:46**

“And would you recommend this application to others?”

**Participant 3 • 9:47 - 9:47**

“Yes”.

**Moderator • 9:48 - 9:50**

“Okay, perfect. Thank you for being in our user study.”

**Participant 3 • 9:51 - 9:54**

“You're welcome.”

\*\*\*\*\* Participant 4 Transcription \*\*\*\*\*

**Audio File:**

[https://drive.google.com/file/d/1oWjHwXO0bxw\\_Ki\\_UDPnMKHzZvLf6aKkw/view](https://drive.google.com/file/d/1oWjHwXO0bxw_Ki_UDPnMKHzZvLf6aKkw/view)

**MODERATOR:**

Hello, welcome to the user study for our application. Pick Your Party. We really appreciate your participation. Pick Your Party is an AI-driven web application that allows you to create custom political debates as well as check the sources used for the debates to easily continue research on the topic chosen.

**MODERATOR:**

So you will be shown a video, uh, like the demo video that will, uh, show applications features. And throughout this application demo video, you will witness two main tasks being run using pick party. The first task you will witness is the how you would create a custom debate and source check the application during the debate. And the other task will you see is how you would create a debate but stop it midway through to ask the LLM to clarify or simplify the debate output. So these two tasks were chosen to demonstrate the usefulness and usability of the application.

**DEMO MODERATOR:**

All right, so pick your party is a website designed to help look at both sides of the debate based on any topic that the user wishes to choose, and it will also give quick and straightforward source checking the tasks that I'll be showing you today is creating a custom debate and saving it expanding upon the source.

**DEMO MODERATOR:**

And then the second task will be actually continuing the debate from its initial stopping point. Now the first thing here is you have This welcome to pick your party little pop-up just giving you a quick rundown of how the website works. We'll close out of that. Next, we're going to enter our desired topic.

**DEMO MODERATOR:**

It will be, for example, student debt and tuition. You can see here the website will send in a pre rendered sort of, uh, template for, uh, designing a debate. So you can see here, produce a debate with two different opinions, one liberal, one conservative, and it'll kind of all follow that. And then from there, you can either click on the search button here or the go arrow on Bing AI.

**DEMO MODERATOR:**

And then from there, it will start the debate. Now, one thing to note here with this, uh, each, uh, little pop up here is that it will match Bing AI's, uh, response. It'll just give an easier way to read it. And then if you click expand, It will have the source that is being

used. So you can go here, you click on the source and it's like, okay, so that's what it's based off of, and then you can just return to the debate and watch as it continues to go on.

**DEMO MODERATOR:**

You can see here's a conservative viewpoint and it is matching the Bing AI because. The website and the AI are conversing in a sort of way. And so, once you get to a sort of stopping point, once the AI goes into a stopping point, you'll be given three options to save the debate, continue the debate, or return home.

**DEMO MODERATOR:**

We're going to first save this debate because we have this little thing here and we want to be able to go back to it. So just click on save debate. It's downloaded. Now we can return home so I can show you how to continue a debate. Now, while you could, uh, enter your topic, You can also click on one of the preset topics, it will be more than that, uh, just these two, and like the final product, should it be, uh, continued with, and so you can see here, this one is going on the climate crisis, and It will just kind of follow through with what we have here, and then by clicking on continue debate, you'll have a another prompt pop into being AI, which you can edit, but this is like what the website will kind of shoot out at the beginning.

**DEMO MODERATOR:**

And then from here you can either click on the continue debate again or the go button on being. To, uh, continue the prompt. And then from here, you can see that now based off of the previous, uh, topic, it is continuing the debate. And that is all we wish to show you. And any questions can be referred back to the host of the conversation.

**DEMO MODERATOR:**

All right. Thank you.

**MODERATOR:**

All right. So I have a few questions to ask. What do you think the purpose of the application is?

**PARTICIPANT 4:**

“So basically, from what I can gather from this video, this application provides an individual with the ability to debate on like a certain set of topics, and it provides

viewpoints from a liberal as well as a conservative standpoint. And based on those views, you can determine if the debate is, um, if the liberal argument or the conservative argument makes more sense to you. And based on that, you can make like calculated decisions. So I think this application is pretty good.”

**MODERATOR:**

Oh, that's great. So what were the problem areas? And at what point in the demo did the problem arise for you?

**PARTICIPANT 4:**

“Um, retrospectively speaking, I don't think this has many problems. But if I think about it, then, um, I think AI can be the root of like a lot of misinformation, because it's strictly dependent on the people that train the model. And based on their political allegiance, they could either be conservative or liberals, right? So the AI can feed off of their stances and make arguments that are like diverted towards like a particular stance and for me to like actually realize that the information that I'm getting is correct. I like to verify my sources. So that is something that concerns me. But other than that, nothing at all.”

**MODERATOR:**

Yep, makes sense. So what kind of a debate would you create using this application?

**PARTICIPANT 4:**

“At the moment, I think Climate crisis is something that people don't talk about a lot and they need, um, like calculated decisions and education to make them aware of this and using that topic to generate responses based on like different parties on this application can help people gain a better perspective. I believe, I guess. Yeah, that would be it.”

**MODERATOR:**

Okay, so would you use this application for that purpose? Like why or why not?

**PARTICIPANT 4:**

“I would use this application for that purpose because, um, since these arguments are not just based on any one individual's knowledge and they've been sourced from the internet through like source checking, verifiers and everything, I'm pretty sure that it is

like, um, valid. So when I'm. When I'm in a conversation with someone and I'm telling them about these things, it should be an essential part of my ability to convey that these facts are like true and not just some made up thing. So using the AI aspect of it, we can fact check these things and then it would be like better to have a debate with information that's like validated in a way."

**MODERATOR:**

Yeah, that's great. So after watching the video demonstration, did you at any point worry about the AI providing you with the misinformation?

**PARTICIPANT 4:**

"Oh yeah, as I previously said, right, this is this is like one of my biggest concerns regarding this application. So the misinformation thing with AI is like really prevalent. So you need to really be careful. But since we have source checking also available as a part of this application, it shouldn't be a problem because if you think the AI is, um, Giving you information that you think is incorrect. You could always go back and verify the sources. And the easy part is you can do it right through the application.

**MODERATOR:**

That's just great. Okay. So how would you go validating your concern?

**PARTICIPANT 4:**

"Um, I just, if there's an argument that I think it doesn't, doesn't make sense to me, I'd probably like check the source of it and just to like, make sure that I verify it from like, um, Internet websites that have credible information or something like that, just to be sure that everything that I'm like getting from the application is just, um. It's like the truth and not speculation.

**MODERATOR:**

Yeah. Okay. So would using this application influence your approach to learning political information?

**PARTICIPANT 4:**

"I guess so. Cause I've never really been a big, like an avid learner about politics. I've been like away from it all, but I think using this application, um, I could get more information about how each party thinks like a liberal conservative mindset. Both of

those things are like really different to kind of gain different perspectives on each of them. This application could be like a great tool to use.

**MODERATOR:**

So can you think of a better way to learn political information?

**PARTICIPANT 4:**

Um, yeah, I guess there's like these news channels like Fox and CNN who like have information about political scenarios and like different parties and everything. So if you really want to do that, you could, but yeah, there's like the internet as well. So there's a lot of, there are a lot of places where you can like get information about this.

**MODERATOR:**

Okay, so feel free to discuss any like aspects that make the process more enjoyable or easier as well as any challenges or drawbacks you might have noticed?

**PARTICIPANT 4:**

"I think the thing that stands out to me the most is the source checker feature that you have in the application because it helps an individual make calculated decisions and it's just not based off some like knowledge of like an AI entity, you know, so source verification is like something that I really like in the whole application."

**MODERATOR:**

So like any challenges or drawbacks you might have noticed for the application?

**PARTICIPANT 4:**

"Um, yeah, I think as I said earlier, the AI misinformation aspect is the biggest drawback for me, but other than that, nothing really comes to mind."

**MODERATOR:**

Oh, so did you find the applications, uh, like interface user-friendly?

**PARTICIPANT 4:**

"Oh yeah, it's pretty user friendly. Um, from somebody who's no, who has had no experience with computers, if like a layman would use this application, they'd be able to

maneuver it in a way that they'd be able to get, um, like gain desirable information from it. So, yeah, the interface is pretty user friendly.

**MODERATOR:**

Oh, great. Uh, so would you recommend this application to others for learning politics, like about politics?

**PARTICIPANT 4:**

“Oh, yeah, I definitely would. They can, um, they can have debates about like different political concepts and have like viewpoint from both liberal and conservative standpoint. So it would like enable them to learn a lot about politics as a particular entity. So yeah.

**MODERATOR:**

Oh, great. Sounds good. Thank you for being in our like user study and thank you for your participation.

**PARTICIPANT 4:**

“You're welcome.”

**MODERATOR:**

Have a good day.

**PARTICIPANT 4:**

“You too.” Thank you so much.

\*\*\*\*\* Participant 5 Transcription \*\*\*\*\*

**Audio File:**

<https://drive.google.com/file/d/1yQBDxQ6vbg6wnzTl0YMqN06OWHkHm7Dl/view>

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**DEMO MODERATOR:**

And then from here you can either click on the continue debate again or the go button on Bing to uh, continue the prompt. And then from here you can see that now, based off of the previous uh, topic, it is continuing the uh, debate. And that is all we wish to show you. And any questions can be referred back to the host of the conversation.

**MODERATOR:**

All right, so what do you think the purpose of the application is?

**PARTICIPANT 5:**

"I think it's for creating debates on political topics. And I think it's, uh, nice to check the facts behind these debates. Um, if you think more of like learning tool. Um, the app seems to have the focus on offering a neutral ground for users, uh, where you can see both sides, um, of an argument clearly. And yeah, you can then bring up your opinions about it."

**MODERATOR:**

Fair enough. So do you think this application could impact your understanding or approach to political issues?

**PARTICIPANT 5:**

“Definitely. Um, I'm not very drawn to politics. Yeah. Thanks. So this app is really a game changer for people like me, um, seems like, um, it would make understanding, um, politics, viewpoints much easier, simpler, uh, for somebody who does not follow news every day, does not follow a lot of regulations, laws. Um, it could definitely help me become more informed and confident and try to, um, try to be informed within political issues, I think.”

**MODERATOR:**

Okay, so if you were to use the application, what kind of debate would you create using this application?

**PARTICIPANT 5:**

“Um, I would choose a debate about, uh, job creation. Um, also the unemployment. Um, it, it's, it's hitting our roofs right now, right? After COVID, I think it's crazy. Like, everybody I talk to is... either unemployed or close to be laid off. So it's something that's, um, that has to be talked about, but I'm, I'm not sure if people have like right argument and right evidence to back up that argument. So I feel like this app, um, can definitely help you see both sides of this, um, argument and help you, um, See the facts behind them, um, it would greatly help us just understand them, um, from these perspectives.”

**MODERATOR:**

Yeah, makes sense. So would you use this application for creating that debate in the previous purpose stated?

**PARTICIPANT 5:**

“Um, I would, I would definitely do that, uh, because for me, um, it would be helpful for getting a clear view. of how they're going to get to job creation at this point. Um, so I would choose to use it because It looks like a pretty straightforward approach to me. Um, learning about complex issues. Um, especially the issues that are like raising with time, but then nobody has time to like follow up on it, right? So I don't, I don't see new channels do anything important these days, if you know what I'm saying.”

**MODERATOR:**

Yeah, makes sense. Actually, you're right. So after watching that video demonstration, did you at any point worry about the AI providing you with the misinformation by any chance?

**PARTICIPANT 5:**

“Yes. Definitely a bit, a bit.”

**MODERATOR:**

So is there like any specific reason that you are thinking about or you have?

**PARTICIPANT 5:**

“Um, I mean, I'm always conscious about, you know, um, what I read online, you know, you, you have to sort of go for like source checking. Um, so I like the feature, um, in here. It helps me, like, verify the information that I hear, uh, from various sources, and I feel like a lot of things are, like, twisted in social media right now. Um, even if something is negative, it's shown, like, in positive light. It's, it doesn't make sense, but people buy it.”

**MODERATOR:**

So at what point did your concern arise, and how would you go validating your concern?

**PARTICIPANT 5:**

“Um, if I saw points in debate that seemed biased, um, then that's my worry. Um, to find and verify my concern, um, I would like to use this app's source checking function. Um, and also ask people I know about. Um, the issue to get their perspective. Um, yeah, that's all I can think about.”

**MODERATOR:**

Okay, so would you, would using this application influence your approach to learning political information?

**PARTICIPANT 5:**

“Absolutely. Um, I feel like this is more interactive and engaging than those boring TV shows that just go on and on about, you know, reading articles like, Hey, so and so did so and so.

I'm like, that's not interactive, and they don't tie a lot of details, and so it just, it just goes over my head every time I hear one.”

**MODERATOR:**

Okay, so can you think of a better way to learn political information other than this app or this, using this app, anything like that?

**PARTICIPANT 5:**

"Um, I think the last time I heard something like that was this app that said like, five seconds news or something. It didn't make sense whatsoever. I mean, five seconds is a really short time for a lot of information. I feel like, um, this is much better. Uh, there you can like see the politics that is too boring and complex for me in a very straightforward and interactive way and the, and I also feel like this helps me take my time to like go through stuff which is needed.

So I like this better actually."

**MODERATOR:**

Okay. So you are like free to discuss any aspects that made the process more enjoyable or easier as well as any challenges or drawbacks you might have noticed.

**PARTICIPANT 5:**

"Um, so far it's easy. Um, I don't see it. Um, it's not too cluttered. Um, the way it debates, um, is very clear and simple. For a beginner like me, I can understand what it's, uh, doing. Uh, one challenge I would say is, if the debates are too long, Or even when there's like a lot of technical lingo, uh, that might be really hard for me to follow."

**MODERATOR:**

Oh, I see what you mean. It's very important to keep things simple and we will think about how to make that a bit shorter. And thank you for sharing that by the way.

**MODERATOR:**

And so the next question would be, did you find the applications interface user friendly?

**PARTICIPANT 5:**

"Oh, yes. Oh, yes, I did. Um, as I said before, it's pretty straightforward. I, I can't, I could already understand how to like navigate and do it by myself. Um, if I had this app on my phone, um, I could like go and I can already see myself doing all these things. It's very user friendly."

**MODERATOR:**

Okay, so what would you recommend this application to others for learning about politics?

**PARTICIPANT 5:**

“Thank you. I will, I will definitely recommend it. I can already think of people who would actually love this application. It's great way of, uh, seeing different sides of debates, you know, how you're going to a party and everybody talks about debates and you, you always know it's like, Linked with cognitive biases. So this app could be really helpful for people to like put their biases aside and see for what it actually is without their attachment to personal intentions.”

**MODERATOR:**

Oh, great. Sounds good. Thank you for being in our user study and thank you for your participation.

**PARTICIPANT 5:**

“Oh, no worries. Thank you. Thank you for having me.”

**\*\*\*\*\* Participant 6 Transcription \*\*\*\*\*****Audio File:**

[https://drive.google.com/file/d/1Hdl40EIZBtouh7tQ\\_A5gkIJK06PVNcof/view](https://drive.google.com/file/d/1Hdl40EIZBtouh7tQ_A5gkIJK06PVNcof/view)

**MODERATOR:**

Hello, welcome to the user study for our application. Pick your party. We really appreciate your participation. Pick your party is an AI driven application that allows you to create custom political debates, as well as check the sources used for the debate to easily continue research on the topic chosen. So you'll you will be shown a demo video that will show our applications features and throughout this application demo video. You will witness two main tasks being run using PickYourParty. The first task you will witness is how you would create a custom debate and so check the application during the debate.

**MODERATOR:**

And the other task will you see is how you would create a debate, but stop it midway through to ask the LLM to clarify or simplify the debate output. So this two tasks were chosen to demonstrate the usefulness and usability of the application.

**DEMO MODERATOR:**

All right, so Pick Your Party is a website designed to help look at both sides of a debate based on any topic that the user wishes to choose, and it will also give quick and straightforward source checking. The tasks that I'll be showing you today is creating a custom debate and saving it, expanding upon the source.

**DEMO MODERATOR:**

And then the second task will be actually continuing the debate from its initial stopping point. Now the first thing here is you have this welcome to pick your party little pop up just giving you a quick rundown of how the website works. We'll close out of that. Next we're going to enter our desired topic, it will be, for example, student debt. Intuition, you can see here the website will send in a pre-rendered sort of a template for, uh, designing a debate. So you can see here, produce a debate with two different opinions, one liberal, one conservative, and it will kind of all follow that. And then from there, you can either click on the search button here or the Go arrow on Bing AI, and then from there it will start the debate.

**DEMO MODERATOR:**

Now one thing to note here with this each little pop up here is that it will match Bing AI's response. It'll just give an easier way to read it, and then if you click expand, It will have the source that is being used. So you can go here, you click on the source, it's like, oh, okay, so that's what it's based off of. And then you can just return to the debate and watch as it continues to go on. You can see here's a conservative viewpoint and it is matching the Bing AI because the website and the AI are conversing in a sort of way. And so once you get to a sort of stopping point, once the AI goes into a stopping point, you'll be given three options to save the debate, continue the debate, or return home.

**DEMO MODERATOR:**

We're going to first save this debate because we have this little thing here and we want to be able to go back to it. So just click on save debate. It's downloaded. Now we can return home so I can show you how to continue a debate. Now, while you could Uh, enter your topic. You can also click on one of the preset topics. It'll be more than that. Uh, just these two in like the final product, should it be, uh, continued with. And so you can see here, this one is going on the climate crisis. And it will just kind of follow through with what we have here. And by clicking on continue debate. You'll have a, another prompt pop into being AI, which you can edit, but this is like what the website

will kind of shoot out at the beginning. And then from here you can either click on the continue debate again or the go button on bing to uh, continue the prompt. And then from here you can see that now based off of the previous uh, topic it is continuing the uh, debate. And that is all we wish to show you and any questions can be referred back to the host of the conversation.

**DEMO MODERATOR:**

All right. Thank you.

**MODERATOR:**

So, what do you think the purpose of the application is?

**PARTICIPANT 6:**

“Looks like, uh, the app is made to give users to see both sides of political arguments and also maybe check information from where it is coming. It mostly seems educational, I guess. Uh, also it seems an easy way to learn about different political views without getting overwhelmed.”

**MODERATOR:**

Yeah, so if you were to use the application, uh, what kind of debate would you create using this application?

**PARTICIPANT 6:**

“Probably, uh, I'd debate about healthcare because it's something affecting most of us, and I don't know about the different opinions on it, so maybe this app could show me various arguments and help me understand. What is best for us? So probably yes, I'd love to use that.

**MODERATOR:**

Oh, that's interesting. So would you use this application for creating that debate in the previous purpose you stated?

**PARTICIPANT 6:**

“It seems like a straightforward way for me to learn about healthcare debate without getting too much confused. So yes, definitely I'd think about it.

**MODERATOR:**

Okay, so like after watching the video demonstration, did you at any point worry about the AI providing you with the misinformation by any chance?

**PARTICIPANT 6:**

“Not really. The app shows where the information is coming from, so I feel I could check it myself if I’m unsure. That makes me less worried about the information.”

**MODERATOR:**

So, oh, yeah, uh, that's great actually. So at what point did your concern arise and how would you go validating your concern?

**PARTICIPANT 6:**

“My concern would probably arise if I read something that goes against what I've always believed or what I have always thought about. Uh, so I feel to validate it, I use the app features, maybe to check where the sources are coming from and do some additional researches, uh, you know what I mean? And also will do on my own to see if other sources or other things agree on what the apps are saying.

**MODERATOR:**

Yeah, that makes sense. And then, uh, would using this application influence your approach to learning political information?

**PARTICIPANT 6:**

“Mm hmm. For sure, for sure it would change how I approach political information because it's always confusing about politics, but this app, maybe will make it a little clearer and more accessible for me. So yes.”

**MODERATOR:**

Yeah, I get your point. The politics can be confusing sometimes if you are an uneducated voters.

**MODERATOR:**

So yeah, so can you think of a better way to learn political information.

**PARTICIPANT 6:**

“Not really, to be honest, seems to be complicated and biased. So maybe this app looks like it could simplify things and show different sides fairly.”

**MODERATOR:**

Okay, so you are feel free. To discuss any aspects that made the process more enjoyable or easier, as well as any challenges or drawbacks you might have noticed.

**PARTICIPANT 6:**

“I appreciated how the app breaks down political issues into understandable debates. Uh, also the biggest advantage would be the sources checking.”

**MODERATOR:**

So the source checking is a plus one for you.

**PARTICIPANT 6:**

“Yes.”

**MODERATOR:**

Okay. Amazing.

**MODERATOR:**

So did you find the applications interface user friendly?

**PARTICIPANT 6:**

“Yes, the interface is pretty much clear, so it is definitely user friendly.

**MODERATOR:**

So, would you recommend this application to others for learning about the politics?

**PARTICIPANT 6:**

“Yes, I would. It looks like a good tool for anyone who is, uh, trying to get a better grasp about political issues or political topics.”

**MODERATOR:**

Yep, so sounds good. Uh, thank you for being in our user study. I appreciate your time.

**PARTICIPANT 6:**

“You're most welcome. Thank you for having me”

\*\*\*\*\* Participant 7 Transcription \*\*\*\*\*

**Audio File:**

[https://drive.google.com/file/d/1QVa\\_AyMMjfk35\\_482xABMsQb-Eoa6k72/view](https://drive.google.com/file/d/1QVa_AyMMjfk35_482xABMsQb-Eoa6k72/view)

**Host:**

Okay, so what do you think the purpose of the application is?

**Host:**

And if you can't find its purpose, what were the problem areas and at what point in the demo did the problem arise for you?

**Participant 7:**

So it's like I mean, I guess it's a debate app, isn't it? Like all kind of like talks to itself when that sort of thing or something like that?

**Host:**

Yeah, yeah. Pretty much.

**Participant 7:**

Yeah. And so, one of the sorry, I can't really think much else of it really is like, I guess it causes a debate. I mean, I don't know how to expand on that.

**Host:**

No. It's fine. We can we can like move on to the next bit. So what kind of debate would you create using this application?

**Host:**

And just to further on, add on to that, would you use this application for that purpose? Why or why not?

**Participant 7:**

I mean, I guess like, I feel like it's good for like an academic thing. Like if I don't, I don't know I guess like, I feel like I'm just more inclined to just like do stuff myself than like I guess. Well, that's not the question, right. It was a what to do what I guess like a

political debate. Yeah, so like a political debate, probably involving, I don't know some topic like health care or like environment. I guess. I don't know.

**Host:**

So, okay, I think that's solid. After watching the video demonstration, did you at any point worry about the AI providing you with misinformation? And if so, what point did you did your concern arise and how would you go validating your concern?

**Participant 7:**

So I guess with AI and stuff, I don't know. I just feel like I can just do my own sort of research thing. I don't really it's like, I mean, it's cool. I guess I feel bad like I don't want to be like bashing your project or anything.

**Host:**

No, it was fine.

**Participant 7:**

So like, I guess with the misinformation thing, I think that's just kind of a that's just kind of something that happens with anything on the internet and that's kind of up to you to cipher cipher in and out. And so it's like, I guess it's fine if you want like a fast information thing, but I feel like I would like just do my own research on my own thing, I guess.

**Host:**

Yeah. Okay. So, final question, I suppose, would using this application influence your approach to learning political information?

**Host:**

And well, we can do the follow up questions. I think I yeah, we'll just do the follow up questions after.

**Participant 7:**

Okay. Yeah. Um, so using this application influence as Ali said, Okay. It's, I guess it's kind of nice to see like the two sides like in concept and stuff. I guess it would work if like you're really like, if you need the two sides, but like, I don't know, I think I think you can just like you can just find like so many articles, and whichever for whatever

information. So, you know, like, that's how I would go about learning political information, personally.

**Host:**

Oh, yeah, that makes sense. But like, that kind of falls into the trap of like, do you have enough time?

**Participant 7:**

Do you like I mean, I guess that's one way to learn the political information. I don't want to like really on it early, but like, it's, no no, it's fine. I mean, like, I get that like, doing it through like articles or like the news isn't necessarily trustworthy either. But like, I don't know. I feel like I feel like I trust that more than like a auto generated response. It's kind of like with Google Translate, like when you're using an in Spanish class or something is like, it doesn't actually translate it correctly in the same way and so like, for like an AI you're not you're missing out on the human bits, if that makes sense.

**Host:**

Yeah, so I think we're good. I'll just read out the outro and stuff and thanks, man.

**Participant 7:**

Yeah, no problem.

\*\*\*\*\* Participant 8 Transcription \*\*\*\*\*

**Audio File:**

[https://drive.google.com/file/d/1roU\\_IXTisPboNhoA8mEo2orc7-yPo7Gr/view](https://drive.google.com/file/d/1roU_IXTisPboNhoA8mEo2orc7-yPo7Gr/view)

**Host:**

So what do you think the purpose of the application is?

**Participant 8:**

Well, seems like it's the purpose of it. It's like to create political debate between like two parties. Pick your party thing.

**Host:**

Yeah. And so you pretty much nailed the purpose on the head, but like, what problem areas what point did like the demo did the problems like if there are any problems like arise for you?

**Participant 8:**

I guess he mean, like, by problems. I mean, I guess like, I don't know, it felt a bit like a banking app maybe or something at the first glance, but once you like, start using it and everything are showing the example at least, like it made pretty much made sense and stuff.

**Host:**

Okay, so what kind of debate would you use or create using this application?

**Participant 8:**

So I think this would be really good for, you know, just like any sort of like political topic, just based on what you showed me like the, you know, student debt example and like everything else, it should, it seems like yeah, pretty much just the debate, whichever political debate it seems a bit like located to like the United States, but yeah, okay.

**Host:**

So would you like use this application for that purpose and why or why not?

**Participant 8:**

I mean, yeah, I don't see why I wouldn't. It seems pretty good.  
Yeah.

**Host:**

Okay. So after watching the video demonstration, did you at any point, worry about the AI providing you with misinformation?  
And if so, what point did your concern arise and how would you go validating your concern?

**Participant 8:**

Well, now I mean it no more than any other. Any other website really like? misinformation? I feel like it's going to be inevitable. So you kind of just have to parse through everything. Whether you like it or not.  
And yeah.

**Host:**

So would you would using this application influence your approach to learning political information? And like, can you think of like a better way for learning this and stuff?

**Participant 8:**

I mean, no, not really. I mean, besides like, kind of searching stuff up yourself, but that's like a pain honestly. And so this like, this seems like the this seems like a good compromise between like being fast and being self explanatory. So yeah.

**Host:** Okay, thanks. We'll go into the conclusion, and you're free to go.

**Participant 8:**

All right. Cool.

\*\*\*\*\* Participant 9 Transcription \*\*\*\*\*

**Audio File:**

[https://drive.google.com/file/d/1milz4ylvTAiTSA\\_B39M7vrDez9CK-CRD/view](https://drive.google.com/file/d/1milz4ylvTAiTSA_B39M7vrDez9CK-CRD/view)

**Host:**

All right. What do you think the purpose of the application is?

**Participant 9:**

So seems pretty clear. It's a political app. It's designed to like see both sides of the argument for whichever political topic

**Host:**

Yeah, pretty much. So were there any like problem areas, like in the demo, like what problems arise for you

**Participant 9:**

didn't really notice any like problems? I don't know what you mean by problems. Like, I think it's pretty clear. I guess like it'd be cool to use it. But like, I guess you can't like with the whole demo thing. You can't be cool to use it.

**Host:**

Yeah, it would have been nice, but you know, it's kind of like it's kind of a thing and I have to like, make that an actual thing. So it's just a prototype, but yeah, let's just get back to the topic.

**Host:**

What kind of debates would you create using this application? And would you use the what do you use this application? For that purpose? Why or why not?

**Participant 9:**

I mean, you know, it's seems pretty clear. It seems like focus mainly on like, politics and stuff. So you would probably use it for that.

And I guess.

Yeah, I can't really think of anything else. Sorry.

**Host:**

No, it's fine.

We'll just move on to the next one.

**Host:**

So after watching the video demonstration, did you at any point worry about the AI providing you with misinformation? And if so, at what point did your concern arise and how would you go validating your concern?

**Participant 9:**

I don't know. It seems like this seems like pretty clear enough. And it's like you know, you're using like real life sources with the application. So that seems like fairly scholarly or whatever.

Yeah.

**Host:**

And then, so that works. Okay. So would using this application influence your approach to learning political information and could you think of a potentially better way to learn political information?

**Participant 9:**

Um, I think it's good. Like I feel like I'm saying good a lot because like, you know, I can't really think of any other way outside of just like, doing a bunch of like more

research and work. And so this feels like a good like, this feels like a good way to find stuff.

You know, there's, I feel like with a guy in whatever, it's probably solid, regardless.

**Host:**

Yeah, I think that works. Okay.