

Solution Evaluation Criteria

	Interviewing	Delayed Decision Making	Social media Feed changing	Exposure to friends' activity	Presenting Networks
The solution/s should provide an acceptable level of benefits in terms of helping people escape from their echo chambers	Yes, in terms of helping people escape from their echo chambers, and not enter into one.	Yes	Yes	Might only work in some cases	Yes
The solution/s should also be able to help people who are already stuck in an echo chamber, and not just prevent those outside from entering.	Above	No, when people are inside an echo chamber, delayed decision making might end up convincing them to go further inside/will not come of any help	Exposure to new ideologies and opinions, could spark a fire in someone who is stuck in an echo chamber.	Exposure to new ideologies and opinions, could spark a fire in someone who is stuck in an echo chamber.	Yes, being aware of where they stand in terms of their beliefs and will help them come out of echo chambers that they are currently in
They should be able to solve obstacles such as lack of trust, manipulation of trust, and ensure, that the users know who they are trusting	The solution helps in the building of trust as people get to interview others of new culture and with newer opinions and perspectives.	This solution would give the user more time to trust a person that has another perspective. If not to trust another person, it would give the user time to reflect upon who they trust	NA	Since people already trust their friends, they would also trust the activity recommendations of their friends.	NA
They should provide a solution to echo chambers, not just epistemic bubbles.	It provides a solution to echo chambers as well as epistemic bubbles as it doesn't just open them up to new ideologies, it also helps the person in understanding that ideology and being able to empathise with these people as a part of the interview.	It provides a solution to echo chamber as people who haven't entered the echo chamber would double check and ensure that aren't entering into one with the help if this solution.	They can provide a solution to both as someone might be able to sympathise with the POV of the person, and eventually come out of an echo chamber.	They can provide a solution to both as someone might be able to understand and trust their friend and eventually come out of an echo chamber.	This would more likely help them pop an epistemic bubble as it would let them to explore new perspective. This would help them recognise which echo chambers they are in, and help them come out only if they are willing to
The time that the solutions take could be longer, but the results should be productive in the ability of the person to fall into/escape from echo chambers.	The more interviews are taken the more a person would be able to empathise with the other viewpoint.	Time taken to make a decision would increase thereby giving space to more thought and reduction in chances of falling into an echo chamber	Coming across a new feed might help guide the viewer to a particular direction. But, coming across multiple of them might not have as many productive results	Coming across different activity recommendations of people might help guide the viewer to a particular direction, but it might end up going in the wrong direction as well	By being able to explore new dimensions, people could slowly come out of their echo chambers, and know where they stand in the echo chamber network
The Initial changes that need to be made for the solution should be smaller, easier to incorporate on online platforms, or in any other form, making sure that people do not get distracted from them easily.	The changes that need to be made for the solution would be easy to incorporate, but it require the user to give in more time, which might allow them to get distracted, or loose incentive over time.	Smaller changes need to be made, but there needs to be assurance that these changes provoke more thought instead of distracting the person.	NA	Users can first start seeing simple recommendations, who is following who	Knowing where you stand and being able to see the formation of multiple networks around one could strike
The materials required to make these changes could constitute efforts from the design end but minimum efforts should be made from the side of the target audience.	The target audience/ the people in the echo chamber would need to put in efforts in order to interview other members. There would not be too many efforts required from the design end.	The changes made with respect to delaying decision making will be simple and easy to use for the user, but from the design end thought needs to be made to ensure the decision making does not distract the user's attention too much/ in the wrong direction.	The materials required to make feeds would be to understand the structure of already existing feeds and create a feed that is very similar to those feeds. The feed should not be to extreme, and should contain an end to end overview of people and their viewpoints	The materials required to make feeds would be to understand the structure of already existing feeds and create a feed that is very similar to those feeds. The feed should not be to extreme, and should contain an end to end overview of people and their viewpoints	
The changes made could be personalised to a particular echo chamber, but there should be slight variations of these that can be used in other echo chambers.	Interview questions can change from echo chamber to echo chamber, so can the interviewers and respondents, but the overall idea of asking questions and getting answers will remain same.	The delayed decision making could be personalised with respect to the kind of echo chambers, for example, in one echo chamber, questions can be asked, in another, summary can be shown etc.	The feeds can be personalised based on the echo chamber that the person is in, related to climate change,	The activity need not be personalised, a general set can be shown to all	These do not have to be personalised to an echo chamber as all the networks and echo chambers ever formed would be shown to the user in one place
The solutions should not annoy the target audience	This might annoy the target audience as their views will not be inclined to the opposite person's views.	Too much delay given to them for decision making can annoy the target audience	Feed changing would be an optional choice, if the users want to opt out of it, they can	Seeing other's feed might initiate fear of missing out, and the user might want to copy all the activity recommendations of another without being able to form their own opinion.	Optional click, will not annoy them.
The solutions should not force them to do something they aren't willing to do	NA	They don't	NA	NA	Option to select the solution
The solutions should aim to change slowly and steadily without making them feel overwhelmed by their structure and size	The questions can be added in such a way that, at the beginning the information received is lighter, and later on it gets heavier.	The process to delay decision making could be almost unnoticeable as the questions asked could be subtle and simple.	The different feeds can show content similar to the one that shows most engagement	It can start off with exposure to different activities for example	The structure might be overwhelming as the formation of multiple networks are all placed together on one screen, confusing the user.
The solutions should not offend the target audience	The target audience may/may not be offended, depends on the kind of answer the respondent gives.	It doesn't		It might be triggering to people whose feed is being shown, they might not want to share their perspectives as they might be insecure about them,	It won't, but it might convince them to go a different way, and fall back more into their own echo chamber, when they notice that they are diverging
They should be easy to implement	It is easy to implement, without too much external technology required	Yes it is. Changes in UI?	It may not be easy to implement as permission of the person showing their feed is required- Readymade feeds?	It may not be easy to implement as permission of the person showing their activity is required	This solution would not be easy to implement, as forming connections through AI is a difficult task to do as each connection has multiple different terms of calling it it goes deeper and deeper making it difficult to provide accuracy in terms of presenting all cultures, values and viewpoints in one place.
They should be affordable	NA	NA	Yes	??	??
The risk involved shouldn't be greater than the problem at hand	Risks involved would not be greater than what already exists	Risk involved in delayed decision making is small, as maximum that can happen is that the person can get annoyed	No Risks involved, only privacy issues.	No Risks involved, only privacy issues.	No risks involved
Risk should not harm the target audience	NA	It doesn't	NA	NA	NA

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Risks should not have external major side effects	Might lead to conflicts as side effects	NO	NA	Might lead to the person being conscious about their activity as others will be able to see it too.	Accuracy of the information could lead to misinterpretation of the networks and change in the way the user decides to react to it