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Research Paper Rough Draft (Outline) ((TODO: title, maybe Augmented Reality in Medicine and Education

(TODO: complete or revise the following to produce proper introduction)

(claim importance of Augmented Reality)

As technology advances many new technologies have emerged and one of the most exciting ones is Augmented Reality (AR). It has many applications in the medical field and in education that can completely change our approach to learning in each respective field. The use of AR has been rapidly increasing as the technology becomes more available due to its multiple cases of evident success in the learning experience

(provide two example of this being true and wrap up with overall claim)

(show counter-claim)

Explain how for many years people have been successful using more traditional methods of learning and have been able to do so with success. Explain how AR is better for learning due to its hands on approach. Use the example that medical models fail to clearly show location and size of organs as an example to show what AR excels in.

(Give debrief of current research)

Explain some of the key findings that AR has been proven to be beneficial and the wide variety of applications is evident through textual analysis of various sources. State how I am going to format the rest of the paper to support my findings.(Add revised research questions)

(Methods section)

The data I collected were for the most part other research papers that show the benefits of Augmented Reality. My selection criteria was it had to be relevant either a resource featuring AR like a catalog of AR programs or a Research paper that showcased an experiment that displays the benefits of AR in either education or medicine. The catalog is beneficial because that is what I was able to perform textual analysis on because this

shows the variety of resources of AR which in turn shows the wide reach of applications of AR. This also attests to the success of AR because if AR wasn't helpful then there wouldn't be this many resources available and for easy consumption online in a list. As for analyzing my data I used textual analysis for the lists and critical analysis when reading the research papers as I was repeatedly linking the paper back to my own research paper to process the benefit of the resource. TODO(talk through coding processs)

(Results)

I am going to use my textual analysis and my personal experience with AR. I plan on adding a picture of AR in use so the reader has an understanding of a certain application. I will use the annotated bibliography as a resource to explain the connections between these pieces of evidence. Also I will draw from my own findings of textual analysis and personal experiences to draw or add to conclusions. Claims: AR is a beneficial research that should be used more in school and in medicine. AR will continue to expand and will be used by more people in years to come.

Conclusion

My answer to the so what question is that AR is extremely helpful and more people should know about it so that it can be used by more people universally. From my research you can use some of the sources which are catalogs to find AR resources that can help you. As for further research suggestions, I believe people should continue to document ways that AR has helped people as well as research new fields that AR could be used for. For example, from my own experience in construction I could see the benefit of using AR to teach electrical apprentices various principles like visualizing a three way switch which is almost always a confusing for newcomers and was much more easy to understand visually.