

Research Findings: Google Glass

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1. Background

Google Glass is a well-known technological advancement that uses Augmented Reality,

2. Objectives

Understand what the Google Glass was/is, how it used AR, what happened with Google Glass?

3. Approach

Find online articles about Google Glass, reviews on it from people that had the prototypes/early versions.

4. Findings

- 4.1. Google Glass is a wearable technology with an optical head mounted display. It displays information in a smartphone like hands-free format.
 - 4.1.1. Wearers are able to communicate with the internet via natural language voice commands.
- 4.2. On January 15th 2015, Google announced that it would stop producing the prototype, but would still remain committed to development of it.
- 4.3. Google Glass is development by Google X, which is a facility within Google that is devoted to research in technology advancements, such as the driverless cars.
- 4.4. There are many software applications that have been developed for the Google Glass.
 - 4.4.1. Glass uses many existing Google applications, such as, Google now, Google Maps, Google+ and Gmail.
 - 4.4.2. Many developers have made applications for Glass, including facial recognition apps, exercise, photo manipulation, translation (word lens) etc.
- 4.5. EyeTap is a device similar to Glass.
 - 4.5.1. It is a device that is worn in front of the eye and acts as a camera to record the scene available to the eye as well as display superimposed CGI on the original scene.
- 4.6. There are many privacy concerns when it comes to the Google Glass and other related hardware.
 - 4.6.1. Concerns have been raised by many various sources regarding the intrusion of privacy, and the etiquette and ethics of using the device in a public place. For example, recording other people without their permission.
 - 4.6.2. Many cinemas have banned the use of the Glass inside because it could be used to record the films.
- 4.7. There are also many safety concerns regarding the Glass.

- 4.7.1. Concerns are raised about using the Google Glass while operating a motor vehicle. It would be distracting and could be the cause of many accidents.
 - 4.7.2. It was reported that it would be illegal to drive while wearing the Google Glass in the UK. This would probably be the case worldwide, if it was to be released.
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5. Further Investigation

- 5.1. What is likely to happen with the Google Glass, will there be any other advancements on the technology?
 - 5.2. It seems as if it has disappeared after the announcement that it would be cancelled.
 - 5.3. VR googles like the Oculus Rift, seem to have replaced the whole wearable technology.
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6. Recommendations

- 6.1. It's one of those things where the concept is really cool but it just seems gimmicky and does not improve any sort of interaction in an easy way. Like 3D televisions. You had to go out of your way to put on some glasses that made you have a headache if you watched for too long. It seems the AR is all like this. Just a gimmick perhaps?
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7. References

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