Zeezer

Virtual aid for the hearing-impaired.

This project focuses on developing a mobile application that assists hearing impaired individuals with a platform for communication and awareness in the form of alerts.

The team

Our team is focused on solving a modern-day problem and providing relief for the hearing impaired. We met as a result of our shared interest in improving our programming and idea building skills at university. We learned to harness each other’s skill and work together which is why we have decided to take on this journey together in the hopes that we will get the opportunity to share our idea with the world.

Our strengths are developing applications on android studio and visual studio, developing and designing websites, writing code in java, R, C#, and python languages.

Members:

1.Eric Ojiah: Attended Baze University, Majored in Software engineering, Graduated in 2018.

2. Bilkisu Tahir: Attends Baze University, Majors in Computer Science, Graduates in 2020.

Our mentors

1.Miss Esther Omonayin

2.Mr. Joshua Josh

3.Mr. Charles I. Saidu

4.Mr. Amit Mishra

Each of the people listed above have played a very important role for our team. The team was actually introduced by them. They’ve helped us to work better together and have reviewed our work along the way in other to guide us on the right path.

The Concept

Over 5% of the world’s population suffer from deafness. This might seem like a small amount but it adds up to about 360 000 000 people world-wide. Our goal is to provide a portable and reliable virtual aid that allows seamless communication between deaf people and other deaf or non-deaf individuals of any language. We also provide danger awareness through the use of vibrations and alerts from the users’ phone or smart watch.

The purpose of this project is to make sure that our user is aware of their environment at all times and also make sure that they get warned about any danger around them in real time.

Target Audience

Hearing-impairment is a partial or complete loss of one’s ability to hear. The WHO (World Health Organization) has estimated that over 5% (360 million) of the world’s population is suffering from some form of hearing impairment. Deaf people are spread in all parts of the world across all demographics although a third of them are 65 years or older.

Personas

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| John Anderson | -Age:45  -Occupation: Pharmacist  -Income: $50,000 per year  -Status: Married with 3 children  -Location: Ottawa, Canada  -Frustrations:   * Walks to work every day and has to cross a few streets to get there. * Started losing his hearing a couple years ago and was told he will be completely deaf by 50. * Want to travel to a non-english speaking country and be understood. |

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| Jane Miller | -Age:70  -Occupation: Retired nurse  -Income: $64,000 per year  -Status: Widowed  -Location: Minnesota, USA  -Frustrations:   * Recently lost husband * Has completely lost hearing over the past 10 years |

Feedback

How it works

Core Technologies

* Microsoft azure
* Cognitive services
* IntelliJ ideas
* Android studios
* mySQL

Business models

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| Key concept |  | Service Outline | Transaction Process | Target costumers |
| Zeezer is a c |  |  |  | * Hearing-impaired individual * People looking to communicate with the hearing-impaired |
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