Kenji Isak Laguan (101160737)

Group members: Christian Green (101200708), Braeden Cheung (101193611)

Create a product:

Wearable device – Bing smart glasses, with onscreen display with minimal functions such as checking emails, text messages, time. We can incorporate AI from openAI like chatgpt so youre able to look at items or take a whole picture of the entire "screen" to prompt the AI with. The ends of the glasses near the ears would be bone conducting headphones so the user doesn't need separate earphones to listen to any voice responses from the smart glasses.

## **Identify Personas:**

## Names Zack, an Architect





Motivation/goals: To be able to find any relevant he needs quickly.

To listen any voice responses or music without the non comfortability of earphones.

To visualize his architectural designs using the glasses to efficiently produce his idea.

Frustrations: doesn't like using computers and handheld devices to research information he needs to design projects and other activities.

He also doesn't like searching for information in physical textbooks which takes ages to do at times.

Doesn't like physical modelling for designs.

Biography: Zack is an architect who values simplicity and efficiency in his work. He prefers to rely on his own intuition and rarely uses handheld devices or reference materials when designing. John finds that physical modelling is often a waste of time and prefers to use 3D visualization software to bring his design concepts to life. He has a keen ear for audio and often listens to music or podcasts during the design process. John values the ability to get relevant information quickly and easily on the job, and he constantly seeks new technologies that can help him in his work and bring his ideas to life.

Name: Cody, a zoologist





Motivations: she enjoys using technology that helps her to be efficient

She needs to look up animal records frequently.

She needs to document her work daily.

Frustrations: Hates having a huge stack of handwritten notes to do at work.

Takes too long to research about specific animals on encyclopedias.

Her nearsightedness eyesight prevents seeing animals far and doesn't like carrying big bulky binoculars that hurt her neck throughout the day.

Biography: Cody is a zoologist who embraces technology to enhance her work. She hates the tedious task of taking paper notes for her reports and instead uses digital tools to streamline her workflow. Cody also struggles with her nearsighted vision, which makes it challenging to observe animals from a distance. However, she leverages technology to quickly identify and research animals using online animal encyclopedias and databases. Cody finds joy in documenting animal behavior and physical traits, and she enjoys using cameras and other recording devices to capture this information. Her tech-savvy approach to zoology allows her to efficiently gather and analyze data, helping her make valuable contributions to her field.

## Scenario:

A software developer in a start up company, is working a front-end code base and has a deadline coming up soon and hes running issues not being able to find answers to his coding problems by

googling or searching on stack overflow. Hes been needing to update his prescription for a long time and he has hearing problems ever since his boss has been yelling at him constantly. Hes not allowed headphones while at work, especially to block out his bosses yelling. The workstation hes been given isn't sufficient enough to be productive as theres only a single small monitor and no space to write. Hes stressed as his deadline is coming up and he ran into a mental block and ruins his productivity at work. He decides sign up for a prototype of our smart glasses and receives it the next day. The glasses allowed him to search for the answers he needs for his code by looking at his code to include in his prompt and ask questions with speech to text. The glasses returns optimal solutions by visually showing them and listen to the response through bone conduction headphones in glasses arms. While his boss starts yelling at him, hes able to block off that noise by playing music or white noise through the glasses which the boss cant see or hear.