



UNIVERSITI
TEKNOLOGI
MARA

Cawangan Melaka

i-JAMCSIIX 2022

International Jasin Multimedia & Computer Science Invention and Innovation Exhibition

ABSTRACT BOOK

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In Partnership:



Tadulak● University

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i-JaMCSIIX 2022

International Jasin Multimedia & Computer Science Invention and Innovation Exhibition

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i-JaMCSIIX

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i-seeuWatch

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JM046 – Innovation – Local – Category C: Students - Higher Institution (Diploma/Bachelor)

Abstract—WORLD HEALTH ORGANIZATION estimates that there are more than 285 million visually impaired people in the world today. Only about 50,000 of those people are registered with the Malaysian Welfare Department, and another 50,000 are estimated to be unregistered for various reasons. Our products will focus more on the disabled (blind). The main goal of introducing the i-seeuWatch is to assist people with disabilities, such as those with severe vision problems, by providing a complete location and a sophisticated system in which they only need to talk and the watch will guide them and they only need to follow the instructions given by the watch system. We also put a voice message when they ask something. Furthermore, the uniqueness of this i-seeuWatch can assist and facilitate OKU (blind) users by providing early warning. The areas are visited using sound sensors and also provide a vibrate that its users will feel on their arms. Next, we have provided complete GPS access on this watch, which will work automatically for 24 hours non-stop to track their whereabouts. The i-seeuWatch will send real-time notifications to users without requiring them to open the app. This rubber product is lighter and more flexible. It is also washable and resistant to sand, seawater, and moisture. This product uses purple and yellow colors. The color yellow evokes a cheerful spirit, joy, and relaxation, while the color purple can provide serenity and inspiration. Magnets are also included to allow users to adjust the size of the bracelet according to their comfort.

Keywords—*I-seeuWatch, blind, disabilities*