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NavigateU

Sharayu Waghapure, Sanket Thange, Pratik Sarkate, Abhishek Budihale, Prof. Rahul Bembade
MIT Art, Design & Technology University, Pune, India
sharayuwaghapure11@gmail.com , sanketthange2002@gmail.com,
pratiksarkate7@gmail.com,abhibudihale@gmail.com, rahul.bembade@mituniversity.edu.in

Abstract: *The progress in digital and information technology has made various types of maps crucial for information and navigation technologies. Although paper-based maps are accessible to individuals with disabilities, they lack certain functionalities and features that are inaccessible to a typical disabled user. Due to this limitation, it is essential to incorporate provisions, easy road-to-road navigation, user-friendly interfaces, cognitive and voice assistive technology for disabled individuals. Moreover, additional considerations are necessary to ensure that these users can fully utilize web maps and Android apps. This paper presents the design, implementation of our project, and offers recommendations and solutions.*

Keywords: Technological advancements, navigation systems, user interfaces, assistive technology, design

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