

ABSTRACT

Android plays an important role in the mobile industry. So it is the leading product in information technology. Since all tasks such as e-commerce, business processing are done using smartphones. Almost all of the data on the internet is accessed using smartphones. So day by day application runs in smartphones gets more and more important. New applications with new ideas help people today. So to help the blind people in shopping this project is developed in Android and PHP, a popular Web scripting language. Consumers with special needs, such as people with visual impairments, are often confronted with massive barriers and challenges during the process of purchasing products online. Therefore, certain individuals are often unable to benefit from the numerous advantages of e-shopping, which results in social discrimination. To gain an in depth insight into the current online shopping situation involving consumers with visual impairments, a qualitative study focusing on the individual needs and encountered challenges was conducted. The results were utilized for the identification of dimensions and attributes influencing online shopping processes. Compared with offline shopping, online shopping provides visually impaired people with a sense of independence and freedom by reducing the need for traveling and relieving the issues of navigation and object recognition.