

Responsive Web Design and Its Impact on User Experience

Noorkaran Bhanarkar¹, Aditi Paul², Dr. Ashima Mehta³

Under Graduate Students, Department of Computer Science Engineering^{1,2}
HOD, Department of Computer Science Engineering³
Dronacharya College of Engineering, Gurgaon, India

Abstract: *The introduction of smartphones and the ability to access the Internet on them altered how people use the Internet. Nowadays, a lot of individuals visit websites on their mobile devices. However, because the Web content on the devices varies in size and the navigation of the pages is also different in the various devices, the different screen sizes of these gadgets have some impact on the experience of their users. The introduction of the responsive web design philosophy changed the layout of web sites and how people see them on various devices.*

Keywords: Responsive Web Design, Smartphones

REFERENCES

- [1]. Azham Hussain, Emmanuel O.C. Mkpojiogu, The Effect Of Responsive Web Design On The User Experience With Laptop and Smartphone Devices, School of Computing, University Utara Malaysia, 06010 UUM Sintok, Kedah, Malaysia.
- [2]. Asmita Kharat¹, Priyanka Bhosale², Sonali Gupta³, Shweta Barshe⁴, Responsive Web Design B.E Students, Department of Computer Engineering, Bharati Vidyapeeth College of Engineering, Navi Mumbai ⁴Professor, Department of Computer Engineering, Bharati Vidyapeeth College of Engineering, Navi Mumbai
- [3]. Fernando Almeida, José Monteiro, The Role of Responsive Design in Web Development, Centre for Innovation, Technology and Entrepreneurship, INESC TEC, Porto, Portugal, Higher Polytechnic Institute of Gaya, ISPGaya, V.N. Gaia, Portugal.
- [4]. Responsive Design: Patterns & Principles, Ethan Marcotte (A Book Apart, 2015), <https://abookapart.com/products/responsivedesign-patterns-principles>.
- [5]. Albert, W., and Tullis, T. 2013. Measuring The User Experience: Collecting, Analysing, And Presenting Usability Metrics. Waltham, MA, USA: Morgan Kaufmann
- [6]. Responsive Design: Patterns & Principles, Ethan Marcotte (A Book Apart, 2015), <https://abookapart.com/products/responsivedesign-patterns-principles>.
- [7]. Aleksandra Ciesielska, Responsive web design – an explorative analysis from an aesthetic, functional and technical perspective, Mälardalen University School of Innovation, Design and Engineering Västerås, Sweden