Universal design - Design for all - Inclusive design

Tatjana Burzanović

University of Donja Gorica, Montenegro

Corresponding author: Tatjana Burzanović, University of Donja Gorica, Montenegro, E-mail: masterofart@t-com.me; tatjana.burzanovic@udg.edu.me

Abstract

Design for All is design which one respects human rights, diversity, which enables social inclusion and equality for all." This is a holistic and innovative model to create an environment that respects ethnic, age and other characteristics, is aimed at, Designers, developers, contractors, builders, political leaders...? Decision makers! Across Europe, age, cultural development and people skills are higher than ever? It is much cheaper when from the beginning builds accessibility standards than everyone when adapting to new environments and new customers. Significantly, the business sector is "Money talks," which they understand well, because DFA can only InDesign for All and Jobs for all! "Design for all creates opportunities for everyone to be active, productive participants in economic development, and therefore the DFA to reduce social exclusion and improve economic benefit. Design for All and tourism, with employment, is also a major source of income for many countries.

Keywords: Design, Inclusion, Universal, Respect

Introduction

The notion of universal is widely used. The meaning of the word is universally not precisely defined in everyday use. Frequently, this word is used without proper guidance. What does universal mean? Universal is what is comprehensive, something that is common, which is general. Universally means something flexible, common to all without exception. What is a design? Design is an art shaping. Designer shapes by achieving goals within constraints through various segments. The design of the design takes place through the realization of an idea which is the cause of the need to solve a problem. Consequently, the design can be defined as problem solving. The individual segments that make up the whole of an object or an object are designated.

The design is widely represented through various disciplines such as graphic design, industrial design, interior design, fashion design, typography. The society develops according to the existing needs and thus man advances technologically. Through the development of technology, new areas of design appear in the beginning, such as web design, interactive design and information design. The design, as a combination of functional and aesthetic, imposes an increasingly ergonomic concept. The flexibility of an object, object, and product is the essence of a universal design-design for all-inclusive design. The designer creates for a user group. The user groups are diverse, and contain various characteristics such as: different age, gender, gender, different physical characteristics, different sensory abilities, and different intellectual abilities, persons with disabilities and without disabilities, temporary characteristics, speed and quality of reaction. The mentioned user groups deserve equal treatment and equal merits, ensuring privacy, security and safety equal to everything, without segregation and stigmatization.

Universal design creates for all people and their diversity and different needs, and tracks all the changes that occur during the lifetime of each individual. Inclusive society is the goal of universal design-design for everyone. The use of the utility as the essence of universal design-design for all is multi-beneficial and market-justified. Each of us was once in a lifetime in a situation in which people with disabilities are throughout their lives. The design of design for all is the philosophy of responsibility towards social diversity. The design for everything improves economic gain by creating a chance for a job for everyone. The availability of universal design is a need that enables people with disabilities to live independently or completely independently and to be active as well as others who do not have disabilities in all segments of life. Accessibility to universal design gives everyone the opportunity, through secured approaches to various content and locations such as: access to the physical area, public content such as institutions of public importance (hospitals, schools, cultural institutions, banks, post offices, airports, railway and bus stations, adequate access to traffic, facilitated and enabled use of public transport and individual transport means, communication in information and communication technologies and systems is enabled. Universal design-design for all is the philosophy of equality of all and in every situation. If the same resources are provided for all who use them, it is the same when it is

possible, worth the same way when it is not possible, the absence of segregation and stigmatization of anyone who uses some services, the existence of privacy, security and safety for all who use some services, then the universal design-design for all market is justified. The universal design also takes into account the individual preferences and abilities of the users, by providing different methods and approaches for left and right, providing precision in the use of services, and providing the ability to adapt to the dynamics of the one who uses the services.

Universal design also cares that users, regardless of the level of experience, knowledge, language skills and concentration at the moment, have the opportunity to use services in an easy and intuitive manner. There is also a possibility for feedback during and after the function is completed. It is necessary to provide the visibility of information as well as easier legibility for all senses, regardless of the user's sensory ability. Universality in design isolates and protects against dangerous elements by providing error warning signs, thus allowing the service to be used safely, reducing the risks of unintended procedures where caution is needed. Among the many benefits of universal design there is the investment of minimal physical effort in some activity, taking advantage of the favor-able position of the body. In order to be able to use certain services adequately, it is also necessary to have the appropriate space that ensures the user's handling, regardless of whether it is a different body size or more or less mobile and thus provides an adequate approach, even if someone is standing or sitting. In order to fulfill all the aforementioned requirements of universal de-sign, it is necessary to set in the law the rules on the conditions for the planning and design of facilities in order that children, old, handicapped and disabled persons would be able to move without discrimination on any ground.

Universal design for all-inclusive design requires timely and quality education. Universal design in education is to create opportunities for a better life for all of us. It is necessary to spread the awareness of people about equality, creating equal conditions for everyone, and thus through a wound planning phase, create the same treatment for all aspects of life. The basis of the concept of universal design is to create a product and organize the environment with the least possible cost, as well as that there is no need for additional material investments, and that more people can be a user. Design for everyone is a job for everyone because it creates equal chances for all participants in economic development and therefore economic benefits. The design for everyone in tourism provides a chance equal to everyone and creates opportunities for everyone to equally use tourist offers. A very important aspect of universal design is the education system, as well as the legal framework, but the most important respect and application of rules guaranteeing equality and equality for all. If we learn that life is more dignified, lighter, better, more content and tolerant if there is a possibility of accessibility, equality for all diversity, then we exist as a valuable segment of the social community in which humanity-universality, equality for all-equality and respect for diversity, is what makes life easier for all members of the human community. Parallel to universal design-design for all-inclusive design is eco-design. At the University of Donja Gorica in Podgorica-Montenegro, the principles of eco-design, sustainable design, and responsible design within the exam semester task on the subject marketing in design are practiced and respected. Students of the Faculty of Design and Multimedia of UDG, are tasked with, in addition to the theoretical part, for one of the two collections, the creation of a wall clock from recyclable material, as well as for the semester task of the table lamp from recyclable

material. These test tasks direct students to the conceptual a solution that at a minimal material expense gives an original and creative artistic solution, which gives them the opportunity to participate in the transformation of one of the objects from its surroundings giving it another useful purpose. In this way, they recycle their environment by creating valuable artistic works that have a function.

Some of the recyclable table lamps will find their place in the smart lamp project that will have an inclusive character, as it will also include a technology that will enable the activation of their function with speech and light signals. In this way, artistic rarity forms become the privilege of various users and functionality and aesthetic originality. Students are allowed to use all the materials from their environment to create the conceptual solution of stone lamps and wall clocks from recyclable materials. In this process, they have full freedom while respecting the design rules in the product design, which includes an ideal combination of functional and aesthetic values. In the "smart lamps" project, stone lamps from recyclable materials be-come inclusive at the moment when they incorporate a technology sys-tem through which the voice command can be activated or the remote control activates the function. This way significantly facilitates the ability of people with difficult mobility or immovability, as well as in certain moments during day and night activities. The "smart wall clock" of recyclable material also has the ability to pro-vide some users who are weak-sighted or unable to see how many hours it is in several world languages and that in the absence of daylight, it is possible to see how many hours it is. Universal design is essential in all areas of medicine, education, tourism, culture, economics, and law. Let's be universal, let's be people for everyone alike.

Student works from recycled materials on the subject: Marketing in design on Faculty for Design and Multimedia, University of Donja Gorica, Montenegro

❖ Sofija Miljanić (Student)

❖ Jovana Dulović (Student)

References

1. www.disabilityinfo.me/component/k2/item/103-šta-je-to-asistivna-tehnologija.

2. https://sh.wikipedia.org/wiki/Design