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A Review on Architectural Design and its Process

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Abstract. In architecture the summary is at Presents the Different stages of the design process from beginning to end and the final product. Abstract is used as a method of gaining environmental knowledge to develop conceptual stages of the design process. Summary Vehicle functions or ATM functions are excellent examples of contractions in the real world. An Electrical switchboard is one of the real world examples of abstraction. A switchboard gives us an easy way to turn electrical devices on or off, hiding all the details of the electrical circuit. Description: The summary applies to both. Control contraction is the use of subroutines to control the contraction of the flow. Data summary involves manipulating data in meaningful ways. Security Summary allows companies to immediately identify the purpose of each event and use the best security particles with relevant capabilities to deal with the threat. If you want to define the method for public classes, the summary will be useful. For example, if there are multiple classes, they use the same method. In this case, you can use the compression method. Can be achieved through the protocol in the Swift interface. Quick summary can be achieved without parenting in the protocol-extension class. Minimize the problem and increase performance. In architecture the summary is at the various stages of the design process from beginning to end and the final product. Abstract is used as a method to gain environmental knowledge and to develop conceptual stages of the design process. It aims to provide a broad definition of any structure from environment, architecture or material design, urban Planning for furniture and materials, urban design and landscape architecture. An architectural concept is the material and cause of just planting a seed. Remains of the Roman architect Vitruvius de Architectural at the beginning of the 1st century AD are the earliest surviving works Architecture

Keywords: Architecture, Architectural design, design decisions, Design process, Landscape architecture.

1. Introduction

Architecture is defined as the art and science of designing buildings and structures. It aims to provide a broad definition of any structured Environment, Structure or Material Design Urban planning, urban design and furniture and landscape architecture materials. Architecture, The art and technique of design and building differs from the skills associated with construction. Used in architectural practice and meeting explicit needs, so it serves both useful and aesthetic purposes. At its roots is the architecture to create the physical environment in which people live, But architecture is more than just a structured environment, It is a part of our culture. How we see ourselves, As well as it stands as a representation of how we see the world. Beautiful and Ugly Buildings Through their materials, shapes or colors, look for legendary positive qualities such as friendship, kindness, subtlety, strength and brilliance. However, it is considered a beautiful change over time. Every good architect should be interested in what they do; That is the reason why you started and took you on this path of life. By making sure you have the same desire and ambition to succeed despite the pressure, you will accomplish your goals and make yourself unique. Mention the technologies you have used to develop that project. Explain just about your technical work not about the working and functions of your project which you could have covered in step 1 in a line or two. Explain why you have used MVC, facade, or MVC2 or anything for this project. The purpose of architecture is to improve human life. Create timeless, free, happy spaces for all the activities of life. These infinitely different spaces can be just as different as life itself and they should derive Blossom from a key idea into a beautiful company as sensible as nature. Architecture is a skill that must be mastered. It can be taught, but only minds with strange thinking abilities can truly master it. Architecture is a combination of engineering, mechanics and art. The work of a person as an engineer, an artist and most importantly a realist. Unique in the creative and artistic industries, architecture should always reflect the age and cultural context in which it was created. Designing and developing architecture requires time, money and cooperation, workspace design results take into account human concepts ranging from ergonomics to cognitive ability. A good solution should be usable and effective. There are some aesthetic elements in the design results - namely: the beauty and elegance of the execution. This is true even though the solution has no physical components. Decision science includes studies in psychology, economics, statistics, and uses them to help us in making the most rational choices. It covers the research in decision making and observes how we make an optimal decision in an uncertain situation. The design process is To find what you want to do and do it. Along the way you can solve one or more problems, Try to achieve the goal and / or create a specific one. The first important step in understanding the design process is not about how it works "right way" or "wrong way". The short form of the design

thought process can be expressed in five steps or phases: empathy, definition, idea, emulation and experimentation. Let us briefly examine each of these steps related to the practical design process Fig. 1 shows the Architecture Design Processing.

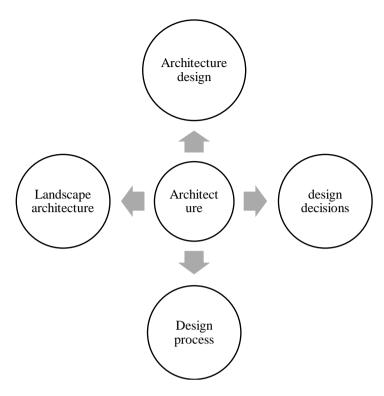


FIGURE 1. Architecture Design Processing

2. Architecture

The use of computer visualization The entire life cycle of a product can be extended by providing initial ideas for the final stages of production and maintenance issues in the architectural engineering and construction industries. Inform customers and users of the design purpose Compare and evaluate design options Three-dimensional models can be used by design teams. In advanced stages of design, three-dimensional representations can be used to verify integration, accessibility, and maintenance integrity of services. Architects create a closed and interactive loop that includes the designer organization and site team. These two architectures refer to the market-based economy and the console-based economy, respectively. The two specific architectures examined in this paper are called oligarchies and hierarchies. We think of a pyloric as a system where there are many decision makers who can carry out projects independently of each other. The space of the architecture is too large to be used as a parameter. The first attempt at this problem was made on [PU]. In that paper, three parameters of the algorithm-doc suitable for any architecture were isolated so that they could be used as the first measurements of the performance of the algorithm. There is a significant communication delay in true parallel architecture. Some information on the processor was used by someone else between the time it was produced and the time it might have been, and the depth failed to capture this delay. Rapid Tools allows you to create an archetypal text-by-volume, step-by-step sequence. Create step by step with the architecture the whole instantaneous architecture and can implement and analyze each event. The SA definition should consist of two parts, namely an eco-centered macro architecture system, and an indoor micro architecture. Classes of techniques are required to evaluate both architecture in terms of quantity and quality features. Standard techniques illustrate SA estimates using scenarios. Different analysis models are systematically expressed. Methods are included in the measurement techniques. Describing architecture in the context of known and understood forms should be ideal and consistent under place in multiple partner communities. The Difference between Architecture and Style While some architecture is reusable, most architecture has specific details for the set of concerns. Specific architecture integrated. Feeling is over. Second, Research in software architecture does not mean that We need to change our view of software architecture finalizing it. Instead of Components and connectors, which we must design and represent a software framework. The reactive layer of The Architecture at any given time is characterized by the network currently operating. Skills To provide a consistent interface to the sequencer and to allow capabilities. Communicating with each other involves a skill development environment.

3. Architectural Design

Symbols for orientation were used in the units, and this study demonstrates that architectural design affects orientation efficiency. The L-shaped staircase project had less distraction. Performance-driven architecture emphasizes the Integrated

and comprehensive optimization of various measurable performances of buildings. It is an important research material and design philosophy practiced by many architects and designers companies. Traditional architectural design incorporates scales that can only be measured at relatively advanced stages of the process. In contrast, in the earlier stages of design, evaluating the fulfillment of design requirements depends on the designer's intelligence and focuses on a certain level of performance. Various approaches have been developed to artificially use representations of architectural examples. Dealing with architectural design tasks. Therefore, architectural design presents the need for multiple perceptions, cultures and technologies. Estimates require non-linear, intelligent navigation, with complex search space. This leads to a reasonable assumption about some knowledge. Appropriate for architectural design is embedded within the architectural representations. New architectural design practices may be based on machine learning approaches. What we summarize after making better use of data environments and workflows, realizing the current limitations for the most widespread application, Architectural design completes future research for machine learning in practice by providing an overview and direction. Our proposal describes. We are a web-based tool for recording architectural design decisions, so we can document them explicitly. Another goal of our assessment was to the extent. Recover manages to capture design results successfully. Every Architectural transformation is the result of a design decision based on the definition of architectural Design results in our subject systems. ADDRA provides an architect's approach to restoring architectural design decisions. This allows the architect to formally. Retrieve and document relevant architectural design decisions. Restored architectural design results enhance the documentation. Architecture It enhances the invention, communication and general understanding of an organization. One goal of gaining Architectural knowledge is the ability to easily capture Architectural design results for people at all stages of software development. A tool is being developed to help designers. Capture software architectural design results using the three-step method described above. Not only capturing architectural design decisions, but also manipulating, viewing and analyzing architectural design decisions in conjunction. Software architecture is considered to be the epitome of architectural design. The results call for the latest trends in both research and industry.

4. Design Decisions

Some of the design decisions made then do not involve any consideration or choice in the development process, and alternatives are the first alternative that designers sometimes encounter. Requirements given without looking for the best Design results are central software architecture. In this paper, we write the architectural and basic design conclusions needed to transform a wide range of active database capabilities into an object-oriented DBMS. The approach can be used repeatedly, i.e. identification ranges are evaluated at each EEA evolutionary cycle, and design decisions are driven by the results of this evaluation. How they use it and document it during the design process. How to use and document background knowledge the value of design ratio nails and their design decisions. This paper suggests a survey of coaches to study. 81 Based on the correct answers, Trainers realize the importance of documenting the design rationale of this study and often use them to justify their design choices. Most of these methods have been adopted or modified to capture the rationale for software design decisions. They point to the notion that architects generally do not realize the important role. Explicit contextual knowledge of documents. Support for the acquisition of Architectural knowledge has been identified as an important research challenge. The basis of the approach is to retrieve and capture design decisions. We are currently working on an approach that integrates a number of strategies to facilitate capturing design decisions at the technical and process stages. Quality interviews with open-ended guides to collect Our decision was made to use as many examples as possible of design decisions, using open-ended questions to find out what design decision makers are like, have to get new information about design decisions. Know what kinds of decisions are made unknowingly and consequently undocumented. This allows the decision-making process to improve the design results, which facilitates and reflects the relevant knowledge during the process. Developers make many design decisions. The success of the project is of paramount importance during many development activities. LISA indirectly supports all three development Functions, as an integrated representation of needs and design results are provided. The main purpose of this Study is to analyze how architecture exists and to understand design Results (ADDs) and their rational impact on Software Highlands. V Discuss the analysis and the results. The interpretation of the results and the impact of the participants' experience on the results. Understanding of the challenges in assessing the architecture. Update the interpretation of architectural scenes to create more complete and accurate documentation. In addition, they point to the need to document the reason for design decisions as part of the information required when documenting software structures. One weak point is that these design results do not specify how and when to record reuse if necessary.

5. Design Process

This model is consistent with Gestalt's principles of thought de sine function, suggesting that it is individual Rebuild the problem structure into a series of relationships, which are rearranged by recreating the problem, the literature provides models that reflect the relevance of research, which informs the content design and design process. The design process is described and defined in many ways, reflecting approaches taken by people from different backgrounds, the creation of the Design process begins with literary study and research analysis. Scientific and social aspects are discussed in this space. Furthermore, design and development stages are intertwined in the design process. Skills of intellectual and technical skills in implementing research results obtained in the integrated corporate identity design curriculum and in-depth understanding of the acquisition and interior design process. Understanding the urban context of the design process and the design issues for immigrants from the Balkans and a collective community group living in the Altındag. Cycle testing of designs in their

climatic effects during the design process. How to use this in aerospace engineering design processes and urban design. First is the experience of these teachers shared with the students to develop a basic understanding of the indoor / outdoor bioclimate. Or wind patterns. This newly acquired knowledge should be applied in the design process. That the design is alternative to those created in the process should be tested. We are well aware that there are different stages. The design processes described above cannot always be 'disconnected' in the way we discuss in this paper. This is because design processes are often cyclical in nature, with these phases often running parallel or intertwined. Tidal summed up Ando's design process very well: "Once I traveled a lot to see nature, countryside and cities with a sketchbook. Tidal Ando can explain how important both the environment and the design studio are in the design process. The formal aspect of the design process can be carried out very efficiently, and most of these activities require students to work as a team. UKM, a study of architecture students in the field of architecture, showed its design process. The instability of such space supports the liberal side of the design process. This section discusses the results of the analysis and simulation. Using the model for the basic structure of the UCAV Initial design process. The complete data set and data collection method are discussed. Preliminary design process Space Company. Contributes and validates vision for both researchers and practitioners. UCAV refers to the network of PD functions for the preliminary design process. Because Model creation is an essential part of the design process, and students typically work on their models in studios and workshops.

6. Landscape Architecture

In-depth interviews with eight landscape architects and a mail-in survey of all landscape architects in North America failed to confirm the use of these five models. The pilot reviewed interviews with faculty members at the School of Landscape Architecture at Guelph University. Between design and research, he listened to the studies of all landscape architects in North America. Detailed questions asked by the interviewer. The quality of landscape architecture research is a matter of participation and controversy in a survey. These models are a reflection of Natural architecture. Landscape architecture is well established to enhance these effects through planning and site design, but only if the designer understands how the urban environment creates microclimates. Preparing our students for the climate challenges they face in future urban planning and design practice as knowledge of the landscape is widely used, landscape architecture should retain the benefit it has gained. There are no other related fields. In this review, underlining the research are general educational features to illustrate and visualize tools for the application of VR to architecture, landscape architecture and environmental planning. Helps to do visual studies of landscape Architecture and environmental planning are very versatile in these areas. This is consistent with the nature of VR's environmental planning and landscape architecture. Landscape architecture is still rarely used. Also, it varies by less than a third. One of the most common areas of environmental planning is the use of VR for large-scale visual representation of existing landscape architecture - for example, to determine what visitors feel towards a particular landscape while roaming. The inspiration for this special issue of CEUS is provided by the authors of Architecture, Landscape Architectural and environmental planning tracks. Research projects that use VR technologies in the laboratory setting. Experts from three world-renowned disciplines came. Together for the benefit of researchers, instructors and students. The questionnaire was designed to obtain information on existing doctoral courses in landscape architecture and their structure and to identify opportunities for collaboration. Universities Gather ideas, thoughts and visions about developments in finally, it explores the types of approaches used in landscape architecture research and the frequency with which they are used. These studies provide useful information on doctoral studies and research in schools of natural architecture in Europe. For example, landscape architecture is widely described as a field of intellectual research by schools, and this includes the study of areas where researchers are currently working in landscape architecture schools.

7. Conclusion

The application of computer visualization in the architectural engineering and construction industries can extend the entire life cycle of a product from the presentation of initial ideas to the final stage of production and maintenance issues. Three-dimensional models can be used by design teams to convey design intent to clients and users and to compare and evaluate design options. At advanced stages of design, three-dimensional representations can be used to verify the integration, accessibility, and maintenance integrity of services. Architects create a closed and interactive loop that includes the designer organization and site team. An arrow indicates the flow of data from one process to another. Prototype System Architecture allows the design team to choose what type of visualization is appropriate for any part of the building with potential difficulties on site. Symbols for orientation were used in the units, and this study demonstrates that architectural design affects orientation performance. The L-shaped staircase project received less attention. Performance-oriented architecture emphasizes the Traditional architectural design involves measurements that can only be made at relatively advanced stages of the process. In contrast, in the earlier stages of design, Meeting design requirements depends on the ingenuity of the designer and focuses on a certain level of performance. Various approaches have been developed to artificially use representations of architectural examples. This model is consistent with Gestalt's thought principles, which apply to the de sine function, suggesting that it is unique, recreating the problem structure as a series of relationships.

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