



I'm not robot



Continue

## Activity 1.5 the deep dive design answers

You are reading a free sample page 4 to 6 will not be shown in this example. 3. After a team of designers were brought together, introduced the crashes and informed them there were five days to pull it off, what stages of the design process are they immediately involved in? After a team of designers were brought together, introduced to the problem and informed that they had five days to pull it off, they were involved in monitoring and researching the process of design. 4. Give two examples of what team members do during this period. A. A. One team member visited the store and talked to some employees as he learned that the shopping clock had been clocked in at 35 mph in parking lot B. Another team member visited the store and learned that most shoppers didn't like to let go of their cart while shopping. Just a few leave their carts in various places to go and run their groceries. 5. Specify the five rules that IDEO employees follow when they share their thoughts during the brainstorming process: a. One-time discussion b. comments about 1200 C. promoting the wild concept d. postpone the judgment. 6. Why the forest (and sometimes crazy) ideas to enjoy during brainstorming? Wild ideas should be enjoyed during brainstorming because you can build out those wild ideas and they will end up being a better idea, which wouldn't be possible if everyone said the same thing. After the brainstorming process is over, the team reduces the number of ideas by hundreds, voting for those ideas that are not only cool, but also created in a short period of time. What steps does the design process include brainstorming and narrowing? IDEO believes that the idea and efforts of the team will be more successful than intelligent planning alone. 9. When the idea is limited and divided into categories, the group is divided into four smaller teams. What steps of the design process are each of these groups responsible for? Each of these groups is responsible for developing design proposals. Create a model or prototype and test and evaluate the design using the specifications. Leaders at IDEO believe that fun behavior and a fun environment are two important reasons why their employees are able to think quickly and creatively to produce innovative products. 11. Sometimes Come up with a good solution that works by trying their ideas first and asking for forgiveness later. 12. Design is often a process of going far and it takes a few steps back of any phase of the design process to be a critique of the four mock-ups coming under? Criticism of the four mock-ups comes under the communication process and results in the process of design. When criticized of the four teams' models, it's obvious that no team has developed the best solution. However, people at IDEO believe that it is important to fail frequently in order to succeed sooner. 14. Percent of the time throughout the week it takes to devise the final prototype? It took a day to produce the final prototype, which is 20% of the time throughout week 15, rather than showering his design team with an enormous amount of praise, a boss who doesn't want his staff to do with their new design? The boss needs his staff to go to the local supermarket and see what they think of their new design. 16. Of everything we are surrounded by every day, what has not been put through the design process? a. A. Everything we are surrounded by every day, nature is the only thing that is not put through the design process. Customer design design brief: Customer or customer who pays for design service? Shoppers at Grocery Designer(s): Who is responsible for the design of the modified grocery cart? Budget problem: What are the problems the design team is trying to solve? Write your answer in a complete sentence. The problems the design team is trying to solve are security hazards and theft. Design statement: What degree is the solution to be realized? Is the intention of the design team just sketching ideas and doing it? Is there an intention to come up with an idea, build it and stop it? What expectations(s) the design has to meet before it is considered a successful solution to the problem? In other words, what does the solution need to do? It is the intention of the design team to design, build and test ideas. The solutions are there to prevent injured children in the wheelchair, prevent people from stealing your groceries and make the shopping experience more efficient. Criteria & Restrictions: What criteria does the solution need to match? How does the design team work? There are limits. Time to get the project finished? The solution criteria to meet is that the cart must address all of the problems. The limitation is the lack of time that forces them to run the design process. There are limits. 1. 2014, in New England. The most impressive part of the team's efforts is: They are able to create creative and efficient shopping carts in five days. 2. What are the advantages of having a design team with members with non-engineering backgrounds? The advantages of having a team with a non-engineering background, they have different and strange ideas that can be used to spring new ideas. 3. There is one point in the process that self-appointed groups of adults step up, stop thinking, and redirect groups to break up as a team. If they continue what they do, the design of the trolley will be delayed. 4. At the end of the video, Dave Kelly states, looking around. The only thing that is not designed is what we find in nature. You can think of anything that would contradict this order. A. Issue 5 considers the different versions of the design process (below) that are used in the design process presentations that you view. How is the process similar? How are they different? A. All stages are quite in the same order and they are all similar to each other. 6. Do you think the work completed by the design team during the design challenge or final solution has changed if the team has followed different versions of the design process? Explained a. A. I don't think anything will change because all of the design processes are similar to each other and I don't think it would have made a difference if one small step had changed. Purpose: Learn how a professional design company works through the design process. Step: Watch scuba diving videos and take notes in the video, making it short to design the video to watch. Document: Question Summary: 1. Especially the way they made a prototype one night, it was very impressive. 2. You have different thinkers with different perspectives and different specialists. 3. So they can each focus on one problem instead of solving them all at once. They both have the same idea, basically, while the left has more steps and one that is appropriately promoted to follow more steps back. 6. I think it will be different. If they are not getting the same points as post, different concepts may be appointed. Conclusion 1) Most of what we use is detailed at some point to draw someone to buy it, but when I see it near the section does not have as much detail as the rest when sketching like this, we will need to have less or more detail, it has. 2) 3) So the people he/she is working with can clearly see what they need to do or create 3) they can have a better understanding and a picture to look back on in their minds. 4) Labne what is needed is one of the most important skills. To create an accurate figure that actually means an object is the ability to observe carefully the characteristics of an object, paying close attention to the basic shape, basic basis and relative proportions of the various properties of the object will allow you to more accurately reflect the actual shape and proportion of the object in your body. 1 and two other couples were assigned to a new-look foam cup, feature and design by collaborating with different tasks such as writers or presenters, and a lot of ideas we made these three different ideas and designs for cups. Designer: Henry Craner Problem Statement: How we can fly using the human power? Design command: We must make a plane using a progesterone theology; the use of pestles, wings, per grain and gliding Constraints: must be empowered by human body parts, such as pellets powered by legs. Engineers need to know what problems they are solving. They need to have an idea about the degree to which the solution should be implemented, along with what solutions should be done to solve the problem. And engineers have to work within constraints such as time and budget. Design summary is a tool used to identify problems, expectations of solutions and clauses. Limited of projects Engineers often return to short-form design throughout the design process to assess the progress and accuracy of his creative work. 1. They find the top thing wrong with shopping cart and update it 2 new ideas that most people don't think 3 because it's been out of control and no one gets any 4. There's not everything we find that's not touched by humans can't design it just happens. 5. There's a similarity to choosing a prototype solution and testing, but they are different with how fast they go or less research and how to find a problem 6 Yes, if they choose one different has to be done, it could be longer or they will be implemented the previous day earlier. Everyone does something a little different step in this activity, you will see a group of professionals working to solve design problems in just five days. Answer the following questions as you watch the deep dive. Classroom conversations take place after the broadcast. 1. From the building where we live and work for the car we drive, or the knives and forks we eat, everything we use is designed to create the sort of marriage between form and function design process. 3. After a team of designers were brought together, introduced the problem, and informed them there were five days to pull it off, what stages of the design process did they immediately participate in? Give two examples of what team members do during this period. 1.1.1.1. injury 1.1.1.1 b. theft five items of five rules of thumb that IDEO employees follow when they share ideas during brainstorming: there no bosses. b. split into the groups c. talk with someone with knowledge d. research. The problem with the product share and communicate their findings. 6. Will ideas be enjoyed during brainstorming? To create a wild idea to make them better 7 after the brainstorming process, rather than the team narrowed down hundreds of ideas by voting for those ideas that were not only cool, but also buildable in a short period of time. What steps of the design process include brainstorming and narrowing? Create concept 8, believe that the thoughts and efforts of team will be more successful than the planning of a single genius. 9. When the idea is limited and divided into categories, the group is divided into four smaller teams. Which stages of the design process are each of these groups responsible for? Developing 10 leadership solutions at IDEO, I believe that playful behavior and fun environment are two important reasons why their employees are able to think quickly and creatively to produce innovative products. Sometimes people come up with great solutions that work by trying their thoughts first and asking for forgiveness later. 12. Design is often a process of going far and it takes a few steps back of any phase of the design process to be a critique of the four mock-ups coming under? When criticism of the four teams' models was apparently, no team has developed the best solution. However, people at IDEO believe it is important to fail often succeed sooner. What percentage of time does it take to devise the final prototype? Instead of showering his design team with an enormous amount of praise, what does the boss want his employees to do with their new design? To take it to the supermarket and test it of everything we surround every day, what is not put through the design process? Nature Shopping Design Design Short Customer Design: Who is the customer or customer who pays for the design service? AbcEnd News Users: Who will use the new product? Dave Kelly, Peter Skier, Whitney Mordimer, Peter Kovlin, Tom Kelly, Jane cury, Alice Kazact, problem statement: What are the problems the design team has tried to solve? Write your answer in a complete sentence. They first looked at the two big things for the wheelchair, safely, wind-resistant and theft. Design statement: What degree is the solution to be realized? Is the design. The intention is to just sketch the idea and do it? Is there an intention to come up with an idea, build it and stop it? What expectations(s) the design has to meet before it is considered a successful solution to the problem? In other words, what does the solution need to do? They are thought to have a safe stroller for children with two plastic setter and more handles than they do, just four carts, so it's easier to get items with no clutter, when you've got to check, you put the basket away and you use hooks to hold a bag, threshold restrictions & restrictions: what criteria don't the solution need to meet? How does the design team work? There are limits. Time to get the project finished? It's a safety response for children with two sets, it stops the theft with only a metal pole. The difference between engineers in different disciplines depends on the type of problem they solve. Generally there are four major disciplines within the field of engineering: chemistry, civil, electrical, and mechanical. Many other engineering disciplines have come from expanding or specializing within one of these major disciplines. For example, environmental engineering is a subcategory of civil engineering, other engineering disciplines are the result of a combination of two or more major disciplines. Mechatronics is a relatively new engineering field consisting of mechanical and electrical engineering principles. Conclusion 1 What is it about engineering that is normal in all disciplines of engineering? That's what makes an engineer engineer, regardless of one's work, does it? There is a fantasy to do a hard work well with the group and have 2 drawing skills, why do you think engineering has been called a stealth career? Because no one knows what they do, there are many engineering fields and people don't ask where they come from. What do engineers improve and scientists make the theory of Step 1. Based on your current perception in a few sentences, define the word engineering as a wide range of tasks and there are many types. What we take on a daily base is all from research engineers, developing new things to make people to make life easier. Describe four major disciplines of engineering and identify problems or projects that engineers in each field may encounter - applied chemical engineering, physics, science and engineering in design. Now some chemical engineers are working on turning the sea water into drinking water that can help with water problems and help many third worlds. Civil They work in buildings for government or private landowners, and they help build buildings, bridges and rockets sometimes. I found the project as they were trying to reduce airport delays by designing a better runway system to allow people to fly to destinations faster and less cluttered in airports. Electrical engineering, they help electrical grids and the passage of gases and particles with power lines, they help to ensure that our energy is always on and if there is a problem with it, they are in the works. The project I found was pretty amazing because now they are developing an artificial retina for the blind that can allow the blind to see for the first time in a long time. Mechanical engineering engineering, mechanical engineers do the most because what moves is basically their design, like this project, I find it allows cars to be more fuel efficient, so that its cars have a long final amount of gas. But it still fills the same amount of gas. 3. Describe the success you chose in a few sentences. Thomas Edison said that in the near future we will use transport with motors and not by wildlife. It is not clear what kind of motor will be used until a few years later. 4. Which major discipline of engineering do you think is most involved in the development of this success? Adjust the answer to Thomas Edison for sparking ideas to others who work on it. If you are an engineer within the discipline of your choice in number 3, which big engineering challenges do you want to work? The challenge is to make the wall fire unacceptable that no one can brake. 4. Explain the great challenges you choose of everyday hackers getting into important documents coming from the government and millions of people every day trying to get into the Pentagon and sometimes they get in. Why is this challenge important to the world? So other countries can not learn the secrets of government, such as Korea 6. How can you, as an engineer in the discipline of your choice, lead to a solution to this challenge? Make a new type of software that has never been seen before and fight back, change the code every minute. Engineering and design require creativity and problem solving capabilities. You must be able to gather new information, learn constantly and apply what you know to new situations. Engineers try to think outside the box to solve new problems or find ways to improve the current solution. In this activity, you will act as an engineer and provide an explanation and evaluation of the product that you have been hypothetically designed. Summary 1) What's new to be able to come to life and dreaming can be a good thing, 2) have a good working incentive with others and the ability to draw a way to read the clock page and sketch pictorials about each other? The entire surface of the cube shape sits on an adjacent face. If you draw an equal dimension, you can use the This idea helps when the figure of the same dimensional pictorials on the writing surface does not have an equal dimension grid. Summary 1) It can tell you that the rotation you want in 2) is the dimension, making you shade it by making some lines darker than others, 2D not 3) to show more detail in the design, if you can stand on the road straight and look down the road, it will appear as if the side of the road eventually narrows one point. The center of the road disappears when the road falls on the horizon. If the roads are straight enough and long enough, the side of the road not only looks like they are converging to a single point, but the road seems to disappear along the skyline. A similar effect occurs if you stare up from the base of a tall building. The vertical edges of the building appear as corners in each other. This effect is called perspective summary 1) the point that indicates that the light comes in the drawing 2) how you would look at the drawing 3) the shading and angle of the drawing to show the design in a different way of view of the view, it is very common to see the product advertising and think of the idea for something like that just a few months ago. People spend a lot of time in their various interesting areas and imagine ideas for doing things that work better. Spend time with people with permanent disabilities and see how many product ideas measure that will give a level of freedom to individuals who have lost their physical abilities. At some point, the idea must be created, summary 1) to see the different points of view 2) 3) To get the exact size of different points of different views 3) Front, right, left, top and bottom of view 4) Front, right, left, top and bottom points of view 5) so you can get the right size for the parts or draft position as valuable engineering skills that need to be developed through practice, you will be able to communicate your vision of your thoughts. 1) Summary They are sketched with exact measurement ect, the sketch is made for details, they are both detailed, but one goes in depth 2) for the project and if we are planning, I can draw it out 3) 4) use equal dimension paper and drawing view. Objects to be produced correctly often require more than sketching images. Multi-view drawings provide an accurate representation of objects that can be used to create physical objects. This multi-angle painting is used to show the view of the face of the object as if the viewer looked directly at the face so that the line of sight perpendicular to the face. 3) To find the right measurement of each aspect, modern civilization cannot exist without a measurement system. Measurements are everywhere, and you use it every day. Every time you buy gas, check the external temperature or weight measurement procedure is used to show the quantity. The ability to carry records and convert measurements is necessary to understand our technology world and to carry on in the business of life. The field of science, engineering and mathematics uses extensive measurements in the process of discovery and design. Conclusion 1) Assessment of measurement 2) No one can decide on what to use for measuring the United States as the only developed country that does not use the international system of the unit. U S Customary is an accepted unit of measure. However, due to the global nature of the si unit economy, it is also common to participate in the global market, we must be able to understand and communicate using various measurement systems. Conclusion 1) By what they're measured by, yes, because they have different valves, shapes, sizes that need to be communicated to intelligent design decisions. Information about the size of the object must be relayed using the size. To produce the parts must be full size and accuracy and proper precision. Otherwise, the section may not function properly or may not be appropriate for the purpose of assembly. Size errors can lead to production delays, increased design and production costs, and may not be product safe 1) so that people can easily tell 2) So you can have a realistic design 3) with many consumer sizes these days constantly trying to judge the quality of the product. How and by who is the given quality? Some would say that designers create specifications, which in turn determine the quality of the product. The quality also depends on the acceptable value of a part within the entire product. Statistics are often used in the production process to control and maintain quality. This activity allows you to use statistics to analyze and determine the quality of a set of cubes. Sometimes it's as easy as using a piece of duct tape. Other times it takes months or years for the product to progress from the idea of producing full-size. In this event, your team will quickly design and build a device that will send the cotton ball as far as you can through the air, have you ever looked at a series of letters and been asked to come up with as many words as possible out of the list of letters? Have you ever looked at a series of numbers and were asked to figure out which sequence code or combination would result from a number series? Designers try to exhaust all possibilities, or fix existing problems until the most intuitive solution comes along. Brainstorming several times throughout the project is very common when designing new products, technical drawings used to communicate engineering designs to those who will create the product. In order for the painting to be interpreted correctly by all stake holders, the painting should be created using acceptable standard practice and should include all the information needed to produce properly and/or assemble the product.