Apple Air pods

A picture containing sky

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Paul Lopez

Cedarcrest High School

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1. **Introduction (2 points)**
   1. Introduction paragraph(s) gives an overview of the project. Tell what the project is in general and specific terms. **I pretty much made a replica of the latest apple product, the Air Pods, I made them the stock white they come with which is the only color it comes with and I used a lot of fillets, tangent lines, and a lot of dimensioning, overall it was a fun project, took me no more than 1 week to complete and it was great. I added color, background, and texture to the Air Pods to make them seem as a realistic as possible.**
2. **Target Market (2 points)**
3. Give a description of who would use the product and / or a customer list. (It could be a design for one specific user.) **The apple Air Pods have a unique look, very similar to the normal stock headphones the phones used to come with, they are about the size of half a pinky and they include a very soundproof feel. This product is more targeted towards those who want a clean look or mess/entanglement free head phones that are really easy to use, you take them out of the chargeable case, and they connect automatically to your phone so all you would have to do is pick a song or a podcast or anything of your liking and it works.**
4. **Requirements (4 points)**
   1. Tell what requirements you were trying to have your project meet.
   2. Give specific and appropriate supporting details. Use as many paragraphs as needed to fully explain. (You may also embed screen shots.) **I wanted the Air pod case to open up and display the Air pods, but I ran out of time, I was also trying to 3D print my product but unfortunately were not in school and I don’t have a 3D printer at home. Other than that, I meet my requirements for the project, everything was up to scale, tangent, parallel lines, equal and all that good stuff.**
5. **Product Ideas (4 points)**
   1. How did you come up with your product? What were some ideas you had when developing your design?
   2. Describe how you decided on the project, how you met the requirements with your design. **I came up with the idea of creating a replica of the apple Air pods because I have a pair of them myself and I loved them way more than my old wired ones. I wanted to create a charging station and assemble all my apple products on that one station but that is for another time. I decided on the project because I am trying to create everything that apple has made. I met the requirements pretty easily I just dimensioned everything to scale made everything equal and vertical and horizontal, and I added color and texture which were my requirements.**
6. **Product Sketches (4 points)**
7. **A picture containing text, electronics, printer

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8. **Here I added the little magnet/ clip that makes it open and close.**
   1. **A picture containing diagram

      Description automatically generatedI made the charging port hole at the bottom of the case added the little in groves as well.**
   2. Include your sketches and descriptions of those sketches. (The sketches can be in the appendix.)
9. **Success in Creating Product (4 points)**
   1. Answer the question: How successful were you in creating the product?
   2. Give specific and appropriate supporting details. Use as many paragraphs as needed to fully explain. (You may also embed screen shots.) **Overall, I was pretty successful id say, in creating my replica of the apple Air pods, I made it look pretty identical to the real thing, only problem is that you can’t open and close mine because I could not get to that yet. Other than that id say my product came out pretty successful.**
10. **Lessons Learned (4 points)**
    1. Answer the question: What lessons did you learn (at least 2) that were not modeling or rendering skills. Such as what you would do again and what you would not do again.
    2. Give specific and appropriate supporting details. Use as many paragraphs as needed to fully explain. (You may also embed screen shots.) **I would definitely not wait on writing up some of my projects last minute, invest a mouse for my computer because it is pretty difficult to use the app only being able to use the tiny touch pad..**
11. **Skills Learned (4 points)**
    1. Answer the question: What specific technical skills did you learn? And tell how you would teach at least one skill.
    2. Give specific and appropriate supporting details. Use as many paragraphs as needed to fully explain. (You may also embed screen shots.) **I learned how to make a sketch plane on 2 different parts of the project without it ruining it. I would teach it by using it when you want to add a logo or another extrusion or something like that on a different plane.**
12. **Description of Product Drawings (2 points)**
    1. Describe the drawings that you have for your project. Point out specific details in your drawings of how your project met the requirements you set out to meet.

Diagram, engineering drawing

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**I smart dimensioned the things that I thought were needed. Overall it looked really good.**

1. **Product Drawings (6 points)**
   1. Include product drawings with appropriately filled in title blocks, dimensions, notes, etc.
   2. Diagram, engineering drawing

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2. **Product Renderings and/or Physical Models (4 points)**
   1. Put together enough renderings to show off your product. (3) These renderings (and /or pictures of physical models) must show case the product in the best light for customers or potential customers to want to obtain the product. Also give a short explanation of how you would go about appealing to customers (1).

**I would start them off at a more reasonable price like 50 dollars, would also target teenagers and businessman/women because it’s a fun neat gadget to have.**

A close - up of a cell phone

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Description automatically generatedA picture containing text, electronics, printer

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**Appendix/Notes**

You can put other notes or thoughts into the Appendix/Notes section. These are thoughts or notes that do not fit into the other categories but add to the understanding of the product. The Appendix/Notes section may be deleted if not used.

By the way, edit the header (put the title of your project) and footer (replace “Name” with your name so that it appears on each page).