

# **Personal CAD Project**

## **IPhone 4s**

This CAD Project is a reproduction of iPhone 4s which is a product of Apple Inc. It is a touchscreen smartphone. Below is the image I used for reference to make the iPhone for CAD Project:



Figure1. The above photo is reference photo for personal CAD Project.

Source: <https://www.google.com/search?q=iphone+4s>

I picked the iPhone because I am impressed by the design of the iPhone 4s. It is one of the most advance phones. It is a very good combination of nano-technology and the good looks. The most difficult part of this phone was to make the holes of front and the back camera. The layers of the cameras took most time than any other part of the camera as each layer is a hole in the previous layer.

The project is related to me because of my hobbies. I like the gadgets and I like the apple products because of their aluminum body and attractive design.

Doing this project made me comfortable with making the minor holes that were on every view of the phone. I learned to make extrude cut and extruded Boss on the same surface as it was in case of mobile buttons. It was great fun to make iPhone in Solid Works as I was able to make model of my personal interest.

After making the model of iPhone and other objects which I made during the entire semester I got to know the advantages of Solid Works and now I have become comfortable with it. It allows making 3D model of any object which we can imagine and we can see how it will look practically. It provides us with large number of features that help us to make the object more accurate. I learned many new skills in CAD which I can use for my major in future.

Below are the images of the iPhone made in CAD:

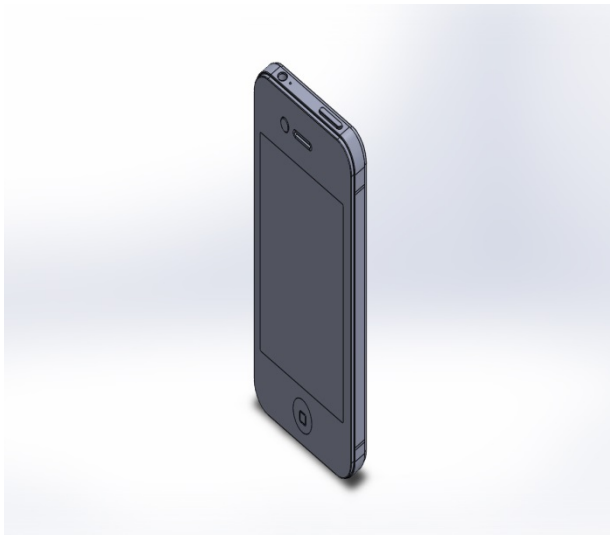


Figure2. Isometric View

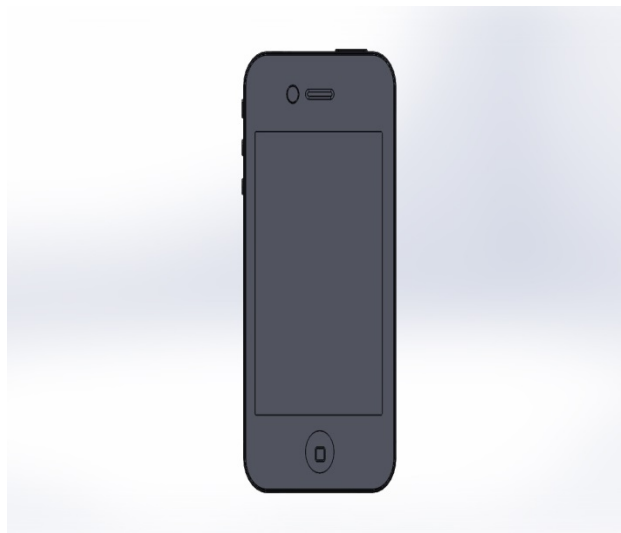


Figure3. Front View

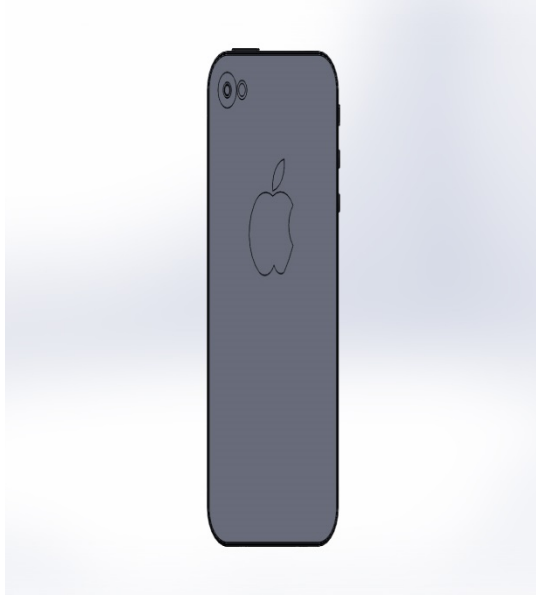


Figure4. Back View



Figure5. Side View

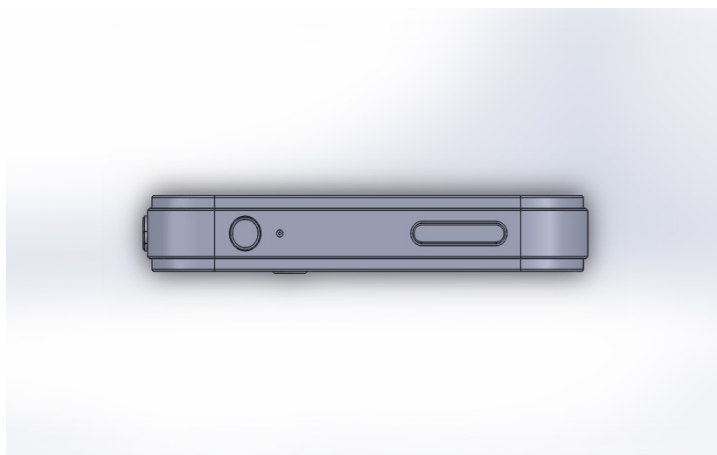


Figure6. Top View