

Exptname: Design of different icon in graphical user interface (a) minimum of four different icon using ink space

Aim:

For design of different icon in graphical user interface (a minimum of four different icon) using ink space.

Theory:

Icons are graphical representation of object or action. They are part of visual language communication large information in single glance which otherwise may need number of words.

There are two essential aspect of icon design

- Aesthetics (communication efficiency)
- construction (realize & reproduction using digital medium)

Aesthetics: Is only about looks and attractiveness about how efficiency the icon function vis - a - vis the human user. An icon can be very creative and good looking but can miserable fail in communication right meaning.

construction: Aspect to design an icon is equally important. Vector based image construction is far more computation scaling, refreshing and display compare to pixelated construction. Pixelated icon require heavy size and have limited animation capabilities.

pixel density of a mobile screen follow:

Specification: display size 3.7 (diagonal) / resolution
= 480×800 pixels

pixel density (PPI) = pixels per inch

Thus width = 1.9 and height = 3.175 (By Pythagorean theorem and diagonal)

PPI = 480 divided by width of 1.9 or 800 \div by 3.175
to give 252 PPI

Procedure:

- 1) Sketch an outline of a typical icon in 2 dimensional form as familiar to you.
- 2) Define the outline by removing all unnecessary lines features and clutter.
- 3) Ask yourself: Does this figure look like how icon look like in real life
- 4) Isolate or consolidate significant features of all icon you have noticed till now.
- 5) Use inkspace to design your icon from sketch
- 6) Assign colour, shadow, highlights as you deem fit.

Introduction to inkspace:

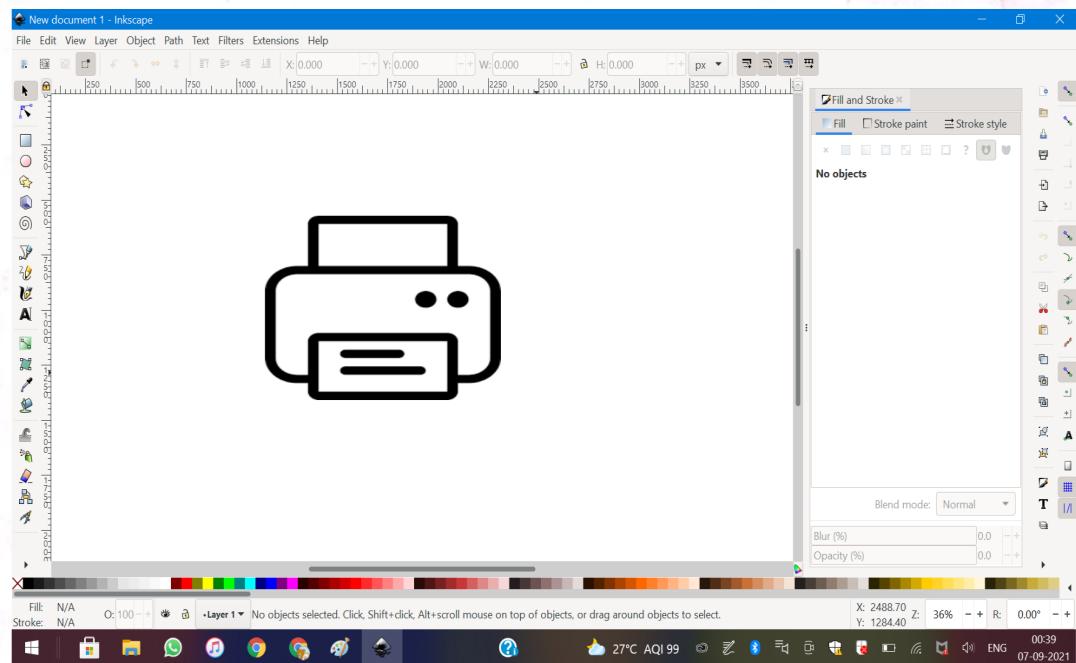
inkspace is an open source vector diagram program and equivalent to commercial package such as Adobe Illustrator or Inkscape canvas.

Vector graphics are image are made up of set object usually a set of joined lines or curves which defined by series of points (nodes) or a path.

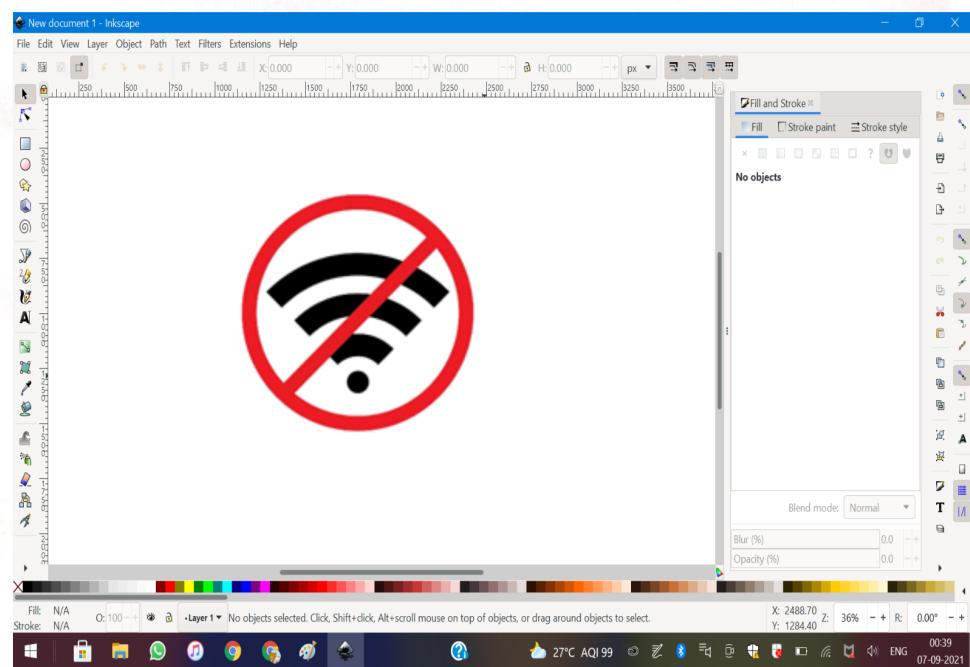
Conclusion:

Thus the above icon have been designed using inkspace.

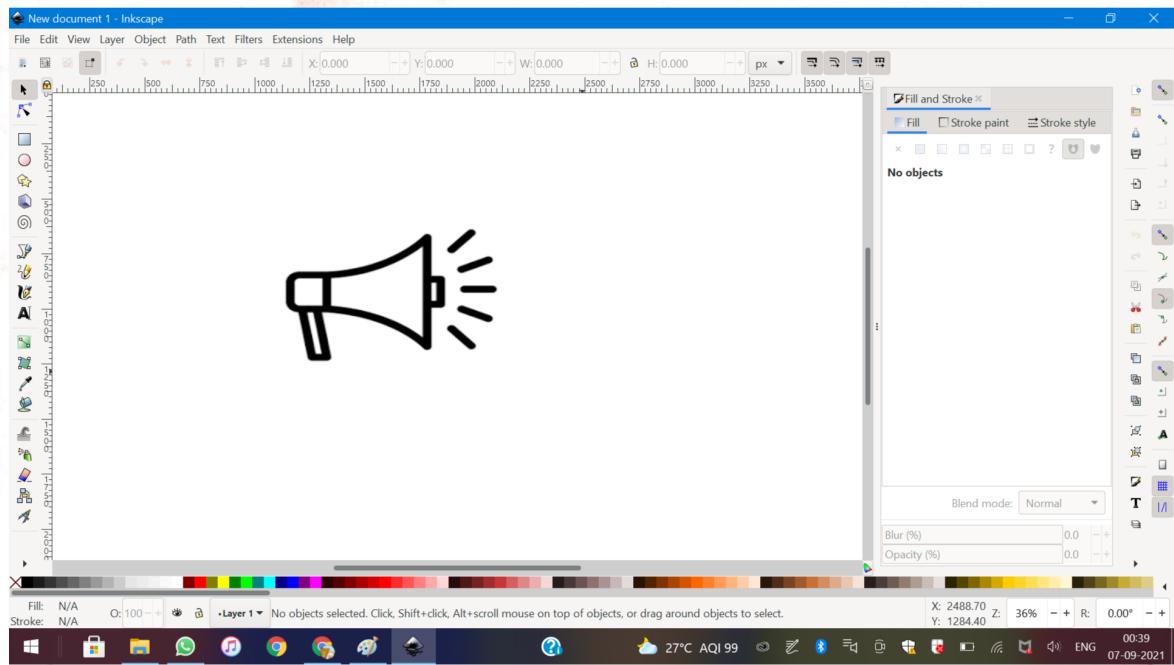
Output:
Print



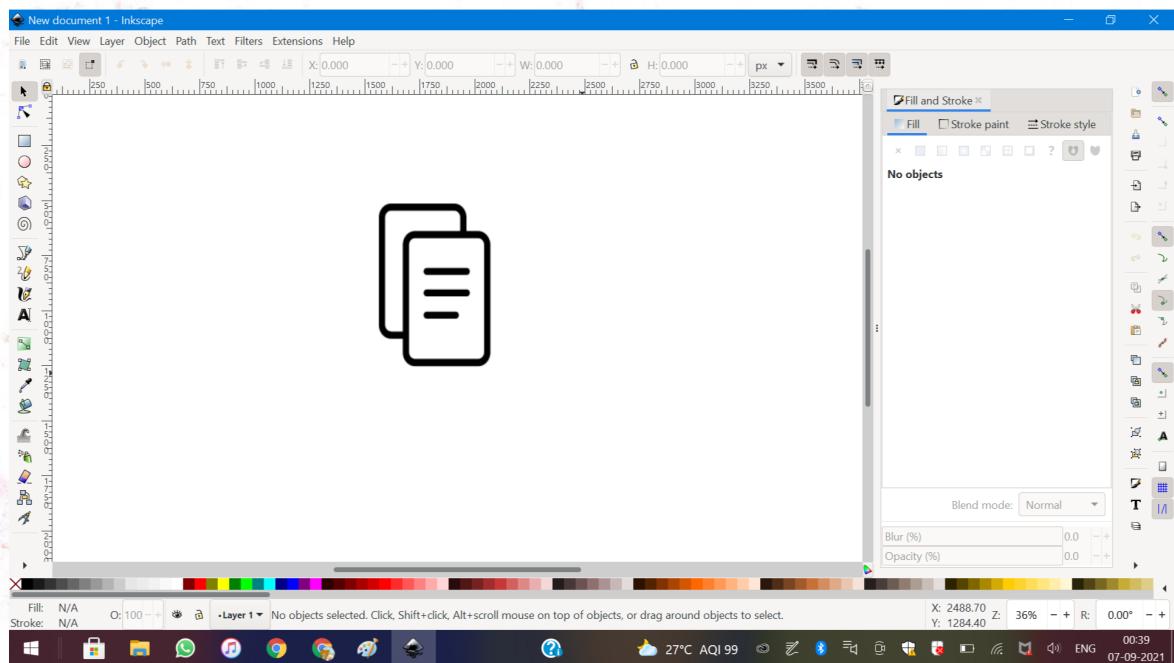
Network Disconnected:



Announcement:



copy and past



Low battery power:

