

Unix O.S.
 ↓ User Interface.
 Command Line (CUI).

GRAPHICAL = Made up of images.

USER = End User.

INTERFACE = मध्यम

End User को Application में implement करने में
 functionality दिखाने एवं यासिष्ठ images के मध्यम
 द्वारा Application = GUI Application.

Xerox Corporation. Palo Alto

X-Window-System

Goals: 1) Display hardware independent

(Video card = Different vendors.

Display devices = Different vendors.

different shapes, sizes, monochrome, colour)

2) Operating System Independent

(Across various clones of Unix O.S.
(listed above)).

3) Network transparent.

4) Having client-server model

5) having support for multiple displays.

अर्थात् Windowing System तयार करायला

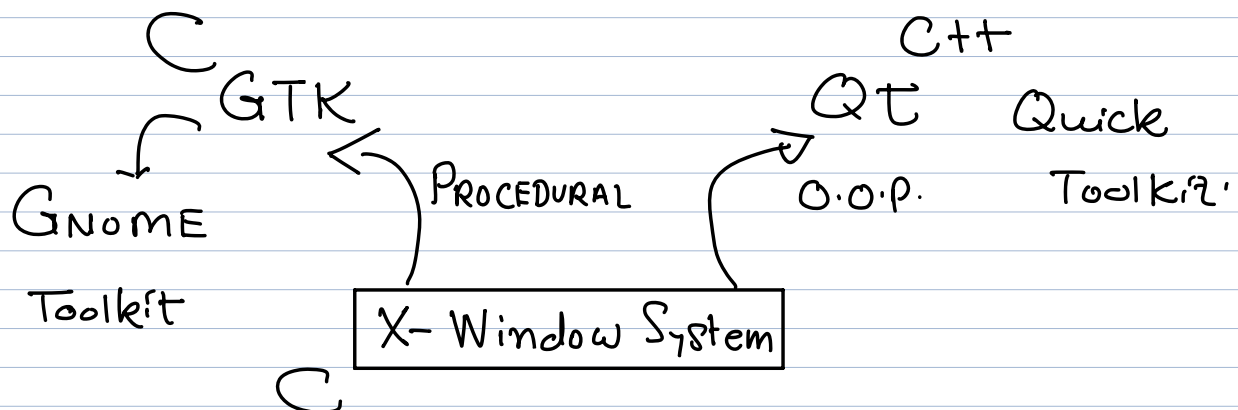
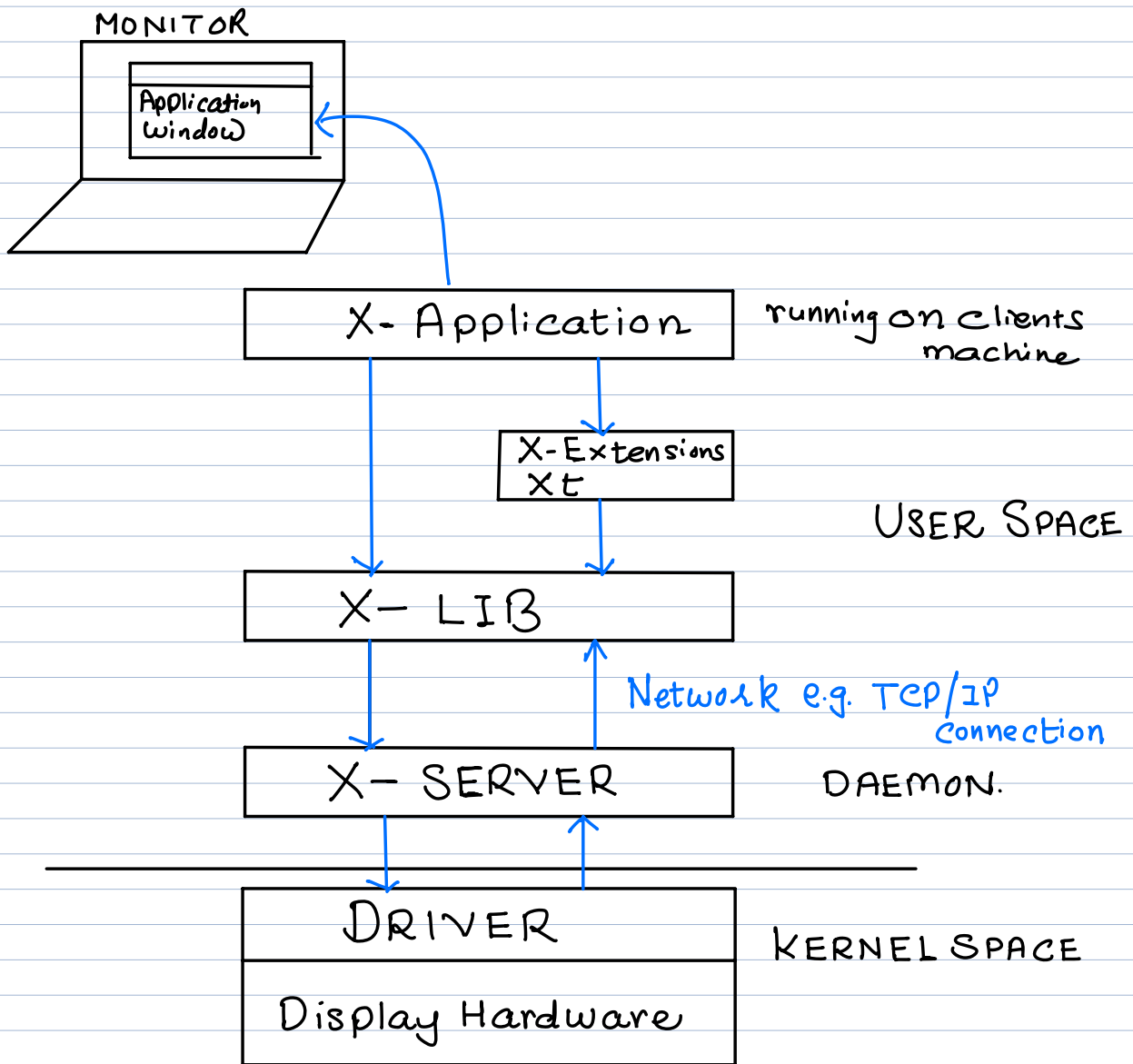
6) Specification & Implementation

Completely decoupled from each other


so that any vendor can implement

the system making use of underlying

h/w, OS platform available to him.



Qt = O.O. Wrapper over X-window-System on Unix platform.

O.O. Paradigm = Graphical User Interface.

de facto

GTK

Qt

CROSS PLATFORM.

Windows: WinGDI } Win32
WinUSER } SDK

Linux: X-window }
System }

Mac OS. : Cocoa }

CreateWindowEx XCreateWindow

Qt^o

Qt³

Evolution

Drag & Drop
Qt Design

Qt⁴

Qt⁵: Qt commercial.

Qt⁵

Qt⁶

Embedded

QML
