

I Can,U Can

Petra uni team mentor:
Abedelkareem el banna

Petra uni students names:
-aya bassam
-majdi mohammed

I Can,U Can is an Open Source Software based on Touch-less SDK that was made to enable the disabled Patients to use the computer with it full functionalities just by moving their heads, the mouse will move simultaneously, showing a special options menu (DOC) that includes:

- all mouse functionalities such as : double click, one click, right click ,left click, drag –drop, these options are activated by hovering on the chosen option and hold still on it for 2 seconds.
- virtual customized keyboard on screen.
- voice recognition system with Arabic commands for mouse functionalities, like saying: double click instead of holding still on the required icon for 2 seconds.
- eye recognition system, so the user hovers on the required icon and blink twice (works as double click) to open it.