Design Doc

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Photo Thing

Data:

-User Input for Menu: Selection

-Image: 2d-array (size determined by user?)

-“Pixels”: char & int

Main Function:  
Data:   
Functionality: call all the functions

Menu Function:  
Parameters: User Input(1)  
Return: User Input(1)  
Functionality: present the user with a menu and save their input

Edit Function:  
Parameters: user input(2)  
Return: user input(2)  
Functionality: present the user with a menu when and save their input

Load Image:  
Parameters: File Pointer, row, column, 2d-array  
return: nah  
function: save values to the array

Crop Function:   
Parameters: File Pointer, row, column, 2d-array  
Return: nah  
Functionality: ask user for what area they want to keep, and save that to a new 2d-array

Dim:  
Parameters: File Pointer, row, column, 2d-array, “pixels” int/char  
return: nah  
Function: change the values in the array (decrease by 1) and save it to a new one

Brighten:  
same as Dim but increase by 1 instead.