Major Functions and Descriptions-In file Mainwindow.cpp

```cpp
void displayImage(QImage a);
```
Displays loaded image file in the image window.

```cpp
void convertSSToImage();
```
Reads the information of the CSV file, determines which columns contain which information, and assigns the correct pixel values to the new image.

```cpp
void convertImageToSS(bool shrink);
```
Reads the information of the Image file. If it is too large, it shrinks the image automatically. It then enters the data of each pixel as a row in the spreadsheet, using x,y,b,g,r by default.

```cpp
void activateButtons(QString type);
```
Enables the appropriate buttons depending on if an image or spreadsheet is loaded.

```cpp
void deactivateButtons(QString type);
```
Disables the appropriate buttons depending on if an image or spreadsheet is loaded.

```cpp
void updateStatus(QString type);
```
Updates information display(Color channels, pixel count, etc.) as a file is loaded.

```cpp
void deleteStatus(QString type);
```
Resets information display(Color channels, pixel count, etc.) to default null values

```cpp
void on_spreadsheetToImage_clicked();
```
Runs convertSSToImage() when button is pressed.

```cpp
void on_loadSpreadsheet_clicked();
```
Reads CSV file and loads the spreadsheet information into memeory.

```cpp
void on_imageToSpreadsheet_clicked();
```
Runs convertImageToSS, when button is pressed, checking whether to shrink.

```cpp
void on_loadImage_clicked();
```
Reads the image file and loads the pixel information into memeory

```cpp
void displayImage(QString filename);
```
Display the converted image in the image window.

```cpp
void displaySS();
```
Displays the spreadsheet information in the spreadsheet window.

```cpp
void on_saveImage_clicked();
```
Saves the image created from the spreadsheet

```cpp
void on_saveSheet_clicked();
```
Saves the spreadsheet created from the image