Known Bugs

Hardware:

* Red-eye doesn't work except on white people
* Bracket, hard to take out flash
* Looks unappealing
* Not attached to rotating bracket yet
* Eye fi not set up yet
* Second prototype needs to be done

Front-end:

* 2nd page - Photos get shifted to the left
* Eye correction page - Drawing 2nd rectangle on a picture causes the first one to disappear until mouse is released.
* Eye correction page - MACS ONLY - Zooms in when trying to draw rectangle on picture
  + Only on marks computer
* Doesn’t work for mark at all
* Pupil correction page not implemented
* White dot and crescent correction not implemented
* Reset button on eye correction not fully functional
  + Resets pictures, but not coordinates of detection
* Reset button is not working
* Not aesthetically appealing yet
* Comments and documentation need to be updated

Back-end:

* Pupil detection trips out
* Eye detection is not perfect
* Crescent detection is not functionally tested
* White dot detection is not really tested
* Cataracts detection is not drafted or implemented
* Reset pupil is not tested or robust
* We don’t delete the photos written to disk
* The code is rather slow on large photos
* Code needs to be commented better
* Pupillary distance is not converted to mm
* Pupillary distance is not averaged
* Strabismus code is not based on healthcare standards
* All disease detection algorithms have not been well tested
* resetEyes (patient ((1,10,20,30), (2,11,21,32)), ((101,102,140,156), (123,141,202,200))) gives a local var pleftcenterx reffed before assignment error
* Code documentation needs to be updated and more documentation needs to happen
* Left and right might be interpreted differently in front end and back end

Feature Request

Keep track of :

* Name
* DOB
* Gender
* Ethnicity
* Comments
* Date of Screening
* Printable results page

Prompt before or maybe after?