Functional Requirement:

The system should be able to send an email when the IRB is approved/declined.

Description

Given that the process for approving an IRB would require some time. Giving the user a notification when the process is complete is essential, in saving time and money. When the process is complete the system should automatically send an email to user detailing the status of the/her application.

Input/Output

The input would be confirmation from the IRB received in the form of a Boolean variable, with true representing a confirmation and false representing a declination. The output would be a text containing information of the user and a string included detailing the name and identification of the IRB and the status of the application.

Test Plan

The test would be performed by both users and developers. The feature will be tested by monitoring whether the email is sent when the status of an application changes. Also a stress would be carried out, with over 1000 status changes happening instanteously and seeing whether the accompanying emails are sent to all parties. Furthermore, we will test to see whether emails are not sent only to the correct user constantly.

Time To Implement

With all the resources in place this test can be completed in the space of two days.

Risks

If the approval process has problems it will make the notification system also difficult.