GridPic User Acceptance Test Plans

There are three primary features for GridPic that will be tested. These are user sign-in / authentication, taking and saving a photo to the database, and displaying completed “GridPics” on the site.

* User Sign-In / Authentication
  + For user sign-in, we have utilized Google Firebase’s email/password login api
  + To test this, all members of the group have created user accounts on the site
    - If we successfully sign in, then the top of the site will display the email associated with the signed-in user
    - If there is an issue with signing in with an email and password, we can adjust for that
* Taking and saving photos to Firebase database
  + Once a user is signed in, they will be redirected to the camera tab of the site, where they will be able to take the four pictures that make up a GridPic
  + When the user clicks one of the camera viewfinders, it will take the photo that is associated to that spot in the 2x2 grid
  + We will all attempt to take the photos associated with a GridPic, and if it is successful then we will be able to see the four images stored in the Firebase database
* Displaying Completed GridPics
  + Once the first two user features have been shown to be working, we will be able to stitch the four user images together and display a completed GridPic
  + The four images that make up a GridPic are stored in the Firebase database and associated with a specific user
    - These four images will be stitched together into a 2x2 grid and displayed on the community tab on the site
  + If, after taking the four photos, a completed GridPic is visible on the site, then we will know that the functionality is working properly