Provided below are the user stories along with the acceptance tests that must be performed in order to verify that the functionality within each user story is fully developed and behaving as expected. Note that the tests referenced are from both the automated testing suite and the manual test cases (outlined in the test plan) devised for the Ye Olde Times application. To see the details of a test, if it is a manual test, view the "Test Plan" document and look up the corresponding test number. Otherwise if it is an automated test, open up the YeOldeTimesTests folder in the source code of the Ye Olde Times application and look up the corresponding method signature mentioned in this document.

Where some tests are related to a particular user story but are more of a stretch goal, this is also indicated alongside the test.

Acceptance Tests for User Story 1: As an app user, I want to take an image from storage or the camera and make a halftone photo

Manual test cases that need to pass / be verified to perform correctly:

- Test 1: Launching the Select Image From Gallery Screen by clicking the gallery button on the home screen
- Test 2: Launching the Select Image From Camera Screen by clicking the camera button on the home screen
- Test 3: Loading up the native gallery application from the Select Image From Gallery screen
- Test 4: Starting up the camera from the Select Image From Camera screen
- Test 5: Ensuring that an image can be loaded into the image view on the Select Image From Gallery screen
- Test 6: Ensuring that an image can be loaded into the image view on the Select Image From Camera screen
- Test 8: Halftone an image using the diamond shape – drawing diamonds for the average grey colour of a square section of pixels (Stretch Goal)
- Test 9: Halftone an image using the square shape – drawing squares for the average grey colour of a square section of pixels (Stretch Goal)
- Test 10: Halftone an image using standard halftone – drawing dots for the average grey colour of a square section of pixels

Automated test cases that need to pass / be verified to perform correctly:

- Assert that the Create Newspaper Activity (the activity that instantiates the gallery and the camera fragment) is not null. This is tested after opening the gallery fragment and then again after opening the camera fragment. This is verified in the test: testPreconditions().
- Assert that the image fragment is visible. This is tested for both the Capture Image From Gallery screen and the Capture Image From Camera screen. This is verified in the test: testImageFragment().
- Assert that the gallery button on the home screen opens the gallery fragment. This is verified in the test: testGalleryButton().
- Assert that the camera button on the home screen opens the camera fragment. This is verified in the test: testCameraButton();
- Assert that the gallery fragment is visible. This is verified in the test: testGalleryFragment().
- Assert that the next button does not advance to the next screen if no image is uploaded into the image view on the screen. This is tested for both the Capture Image From Gallery screen and the Capture Image From Camera screen. This is verified in the test: testNextBtnNotAdvance().

- Assert that a dialog appears when the user attempts to navigate to the screen where their image will be halftoned if they do not load in an image first. This is tested for both the Capture Image From Gallery screen and the Capture Image From Camera screen. This is verified in the test: testDialogOnNextWithNoImage().
- Assert that the Bitmap and byte array storing image data is not empty after loading an image into the image fragment. This is tested for both the Capture Image From Gallery screen and the Capture Image From Camera screen. This is verified in the test: testUpdateImage().
- Assert that the camera fragment is visible. This is verified in the test: testCameraFragment().
- Assert that the camera button ("Capture Image") is visible. This is verified in the test: testCameraBtnVisible().
- Assert that the Create Newspaper Activity can launch the Newspaper fragment. The Newspaper fragment is where the user is able to halftone their image. This is verified in the test: testCanOpenNewspaperActivityWithImage().
- Assert that the "circle" halftone radio button is the only radio button selected on start up of the Newspaper fragment and that the image fragment is not null. This is verified in the test: testCircleHalftoneInitiallySelected().
- Assert that the "diamond" halftone radio button is the only radio button selected after it has been clicked. Then verify that the Newspaper fragment's image fragment is not null. This is verified in the test: testDiamondHalftoneSelected().
- Assert that the "square" halftone radio button is the only radio button selected after it has been clicked. Then verify that the Newspaper fragment's image fragment is not null. This is verified in the test: testSquareHalftoneSelected().

Acceptance Tests for User Story 2: As an app user, I want to add captions to a halftoned image

Manual test cases that need to pass / be verified to perform correctly:

- Test 11: Adding a caption to a halftoned image
- Test 12: Removing a caption from a halftoned image (Stretch Goal)
- Test 18: Adding a caption to a halftoned image greater than the width of the image that it should be added to displays an error dialog (Stretch Goal)

Automated test cases that need to pass / be verified to perform correctly:

- Assert that all of the elements necessary to create a caption exist (the text field to input the caption and the update caption button). Then verify that it is possible to add a caption to the image. This is verified in the test: testInputCaption();
- Assert that all of the elements necessary to remove a caption exist (the text field where the caption is currently residing, and the remove caption button). Then verify that it is possible to remove a caption from the image. This is verified in the test: testRemoveCaption().

Acceptance Tests for User Story 3: As an app user, I want to share an image via social media

Manual test cases that need to pass / be verified to perform correctly:

- Test 15: Sharing via social media

Automated test cases that need to pass / be verified to perform correctly:

- Assert that the share fragment is able to be created. This is verified in the test: loadUpImageAndGoToShareActivity().
- Assert that the share fragment is displaying/ is visible. This is verified in the test: testShareFragmentDisplaysCorrectly().