Below is the sprint backlog describing each of the broken-down user stories involved in the iteration of development for the Ye Olde Times app commencing May 8th 2014. Each broken down component of each user story (task) is given a prioritization and an estimation of how long it would take. As the tasks were completed, they were marked off and the actual time taken to complete the task was recorded. Each task is also labelled according to the user story that it corresponds to working towards completing.

Note that, in the below table some items have the same priority. This was as a result of identifying that some tasks could occur in parallel and thus have equal priority. The priority scale orders from 1 upwards, where 1 is of the highest priority and should be the task/s performed first, 2 is of the second highest priority, 3 is of the third highest priority and so on.

Also note that testing activities have not been included in the list of tasks below. A description of the testing activities required in order to ensure that the below functionality has been implemented correctly can be found in the test plan document.

User Stories

The User Stories that were required to be completed for this iteration (and are thus referred to by the broken down tasks in the project baclog) are as follows:

1. **As an app user, I want to take an image from storage or the camera and make a halftone photo**
2. **As an app user, I want to add captions to the halftoned image**
3. **As an app user, I want to share an image via social media**

Project Backlog

Tasks	Priority	Estimated Time Required	Done	Actual Time Taken
Set up the front page UI with a background, application title, "Getting Started" label and Gallery and Camera buttons. *User Story: 1. As an app user, I want to take an image from storage or the camera and make a halftone photo*	1	1.5 hours	Yes	1 hour
Create the Get From Gallery fragment. *User Story: 1. As an app user, I want to take an image from storage or the camera and make a halftone photo*	2	1 hour	Yes	1.5 hours
Create the Get From Camera fragment. *User Story: 1. As an app user, I want to take an image from storage or the camera and make a halftone photo*	2	1 hour	Yes	1 hour
Load up the native Gallery application by intent on click of the "upload image" button in the Get From Gallery fragment. *User Story: 1. As an app user, I want to take an image from storage or the camera and make a halftone photo*	3	0.5 hours	Yes	0.5 hours

Load the chosen image from the native Gallery application efficiently into the ImageView in the Get From Gallery fragment (so as to not exceed memory limitations). *User Story: 1. As an app user, I want to take an image from storage or the camera and make a halftone photo*	4	1 hour	Yes	2 hours
Launch the camera intent when the user selects the capture image button in the Get From Camera fragment. *User Story: 1. As an app user, I want to take an image from storage or the camera and make a halftone photo*	3	0.5 hours	Yes	0.5 hours
Load the captured image from the Camera into the ImageView in the Get From Camera fragment. *User Story: 1. As an app user, I want to take an image from storage or the camera and make a halftone photo*	4	2 hours	Yes	1 hour
Create the Image fragment that will be persistent across the upload from gallery screen, upload from camera screen, create newspaper screen and share screen. *User Story: 1. As an app user, I want to take an image from storage or the camera and make a halftone photo*	2	1 hour	Yes	1 hour
Transform the image in the ImageView to a halftone image in the Image fragment. *User Story: 1. As an app user, I want to take an image from storage or the camera and make a halftone photo*	5	4 hours	Yes	6 hours
Create the Newspaper fragment. *User Story: 1. As an app user, I want to take an image from storage or the camera and make a halftone photo*	2	2 hours	Yes	1 hour
Add EditText in the Newspaper fragment such that the user can input a caption to add to their halftoned image. *User Story: 2. As an app user, I want to add captions to the halftoned image*	6	1 hour	Yes	0.5 hours
Display the caption below the halftoned image. *User Story: 2. As an app user, I want to add captions to the halftoned image*	7	1 hour	Yes	2 hours
Allow the caption below the halftoned image to be removed (so it can be updated with a different caption). *User Story: 2. As an app user, I want to add captions to the halftoned image*	8	1 hour	Yes	1 hour
Create a Share fragment with a share	2	1 hour	Yes	1 hour

button User Story 3. As an app user, I want to share an image via social media				
Set up the share intent to take the Uri of the image to share and open the share dialog such that the image can be shared via social media and email *User Story: 3. As an app user, I want to share an image via social media*	6	0.5 hours	Yes	0.5 hours
Save the image to the gallery on click of the next button in the Newspaper fragment *User Story: 3. As an app user, I want to share an image via social media (as the image is required to be saved out to the gallery before it is able to be located for sharing)*	5	1 hour	Yes	1 hour
Add error dialog to ask the user to save their image before sharing *User Story: 3. As an app user, I want to share an image via social media*	8	0.5 hours	Yes	0.3 hours
Add error dialogs to handle attempting to move to the Newspaper fragment without an image being uploaded from the gallery or camera *User Story: None. This is additional functionality to add to the overall usability of the application.*	8	2 hours	Yes	0.5 hours
Add error dialog to ask the user whether they are ready to go back to the home screen upon clicking the finish button on the final screen (share fragment) *User Story: None. This is additional functionality to add to the overall usability of the application.*	8	0.5 hours	Yes	0.3 hours
Close all fragments and go back to the home screen on click of the finish button in the final screen (share fragment) *User Story: None. This is additional functionality to add to the overall usability of the application.*	8	1 hour	Yes	0.5 hours
Add error dialogs wherever there are errors thrown in the application such that the user is provided with meaningful error messages. *User Story: None. This is additional functionality to add to the overall usability of the application.*	8	1 hour	Yes	1 hour