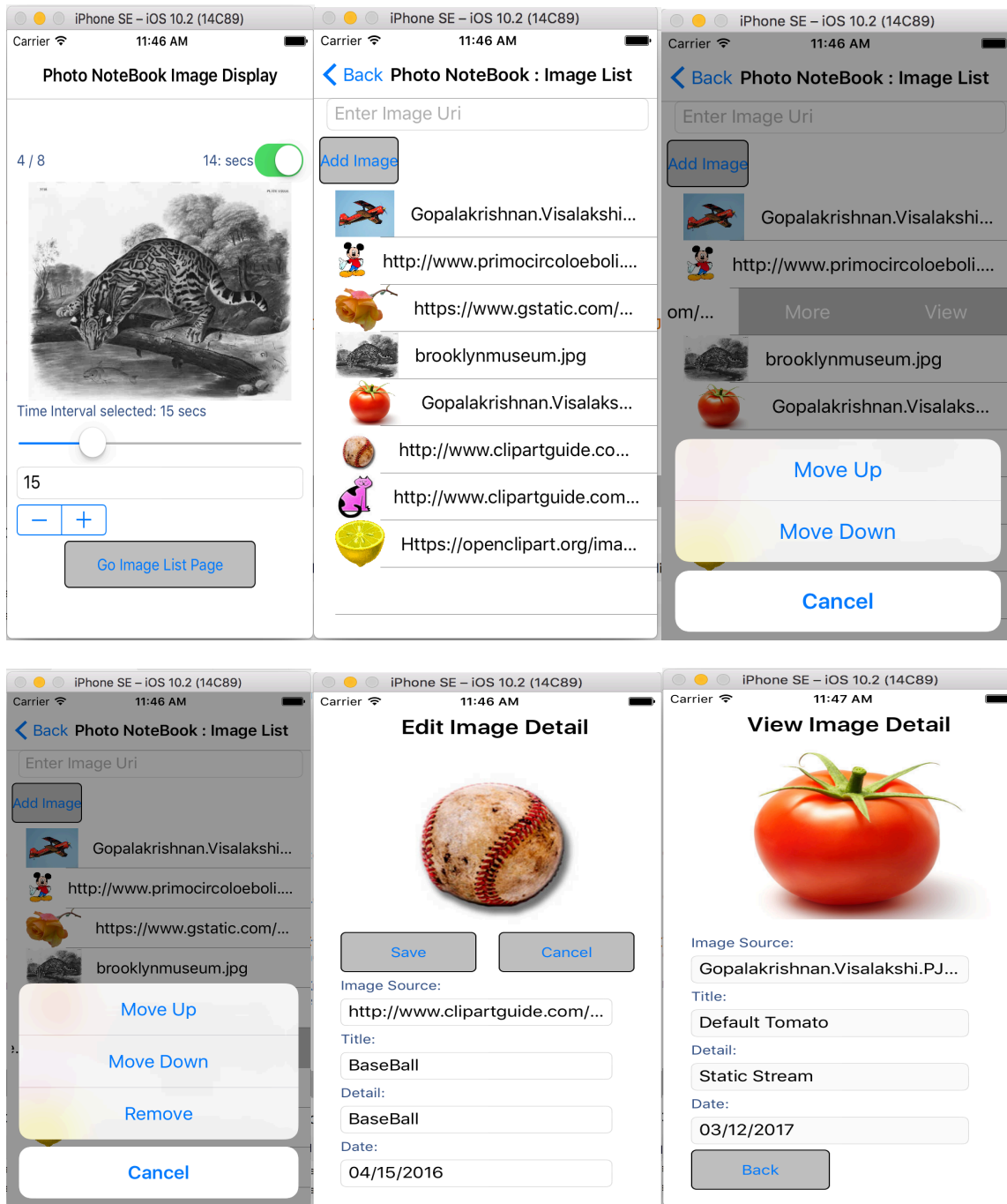


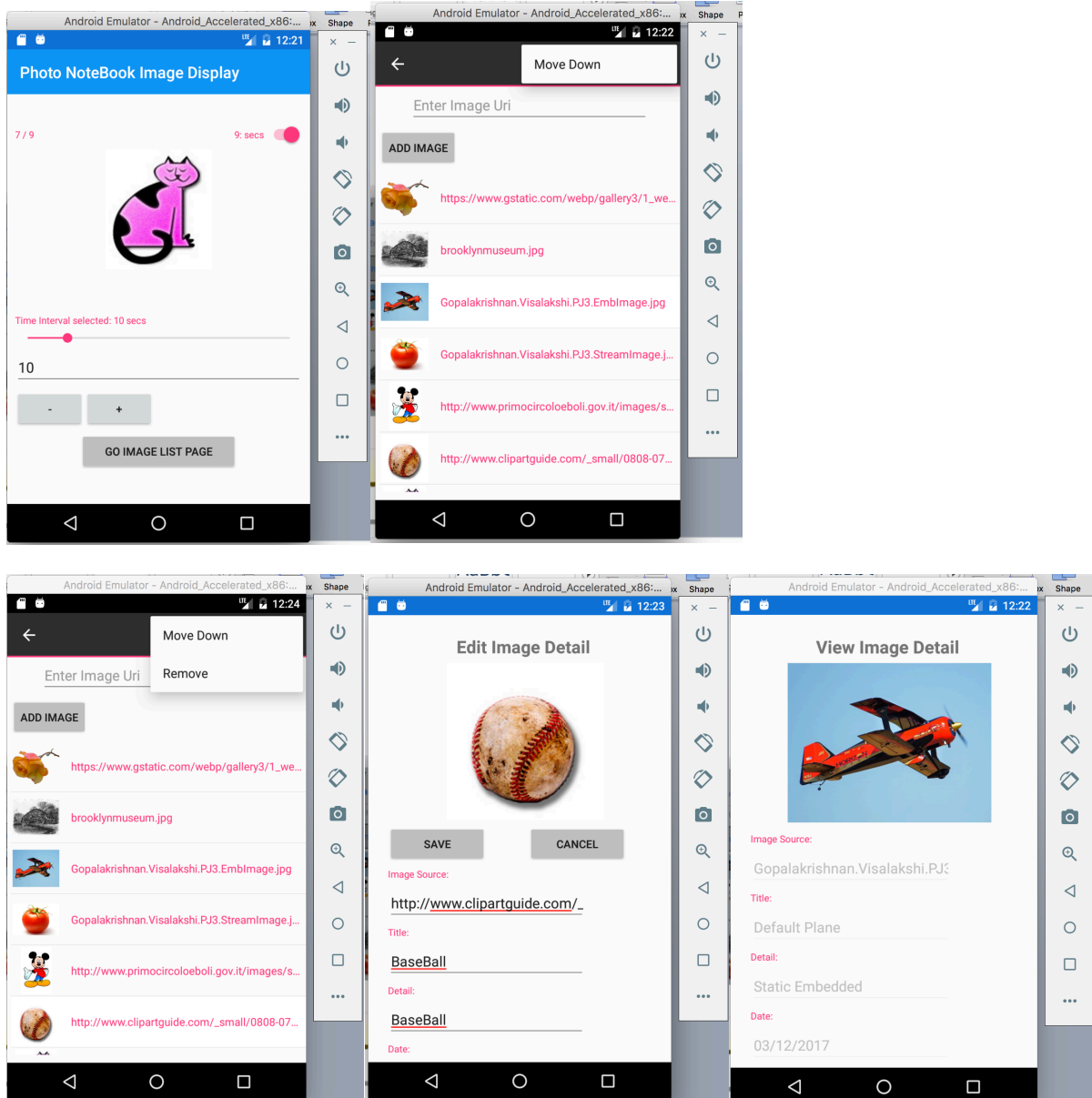
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Project 3 : Photo Frame, COEN 268 - WINTER 2017

Screen Shots iOS:



Screen Shots Andriod:



The program below provides a simulation of Photo Frame using three-page navigation.

MainPhotoPage

Modeless ImageListPage

Modal ImageDetailPage

The project is implemented using cross platform mobile app with Xamari.Forms (Portable) and runs on two different platform emulators : iPhone and Andriod.

Implemented methods for device specific save of xml file, load of xml file and (if file) exist condition. Implemented interface in the PCL project to call these device specific methods.

- The program implements the following: -

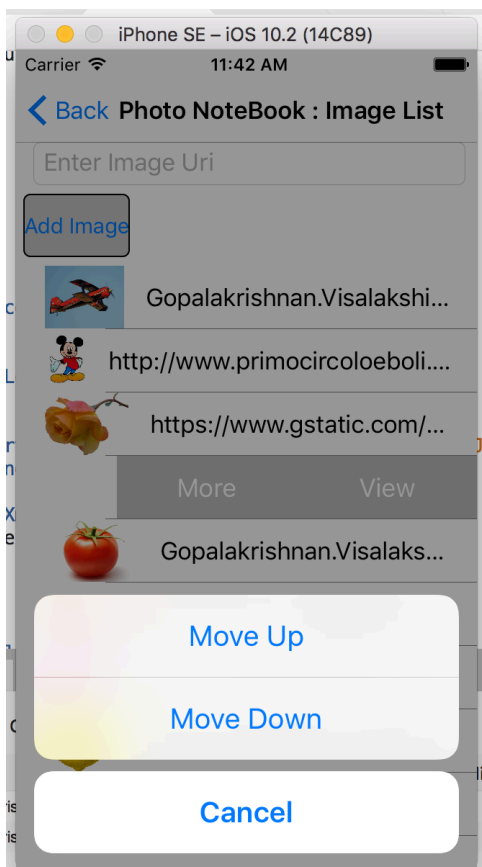
- **MainPhotoPage:**

- Implements image viewing and rotation of image at preset interval.
 - Display default 4 images: ImageSource from Uri, ImageSource from file, ImageSource from resource, ImageSource from stream
 - Stepper, slider, enter value changes are synchronous due to databinding
 - Default reading of images is from embedded xml file provided. After update will read images from file created and stored
 - On save and edit the new file visaPJ3.xml gets created and updated and subsequent viewings of the images are from the newly created xml file.
 - Transient data is saved for time interval, photo image and the label
 - Image rotation and time interval count down is stopped on switch toggle.
 - Default Images can be moved up and down but cannot be removed or edited.
 - Show activityIndicator between image load.

- **Image List Page:**

- Image list page is implemented using MVVM and data binding
 - Image list page display all images using ListView that binds to ViewModel class called ImageViewModel
 - **Swipe of image** on IOS will reveal context menu depending upon the image chosen. Default images will have only option to view, move up and move down

- Other images can be removed, moved up and down and view/edit image details
- New images can be added on image list page. User can add image and then can navigate to edit page to add other details like date, detail etc
- The app will save new data in xml file visaPJ3
- **Only data input checking is for null stream, unfortunately I did not have time to do a valid url chk ☹**



- **For default, remove will not be shown. Click of view will take to non editable image detail page**

Image Detail Page:

- On image selection on the ImageListPage, the user will navigate to Modal image detail page and the detail page will either allow user to edit or not edit image details depending upon the image selected
- Non editable screen has only back button to navigate to list page
- Editable page has option to either save or cancel changes.

User can navigate to image list page only on click of back, save or cancel button.