

MAP523/DPS923 Midterm Test Winter 2016 (PART B)



Midterm Test PART B Friday March 11, 2016 @ 8:00 A.M.

SUBMIT using [web submission form \(link\)](#).

This question is worth 35 MARKS (35%)

PLEASE READ THE INSTRUCTIONS BELOW CAREFULLY!

Submission LINK: [web submission form](#).

Password: X23-161-TEST

File Name: userid_PARTB.zip (where 'userid' is your my.seneca user id)

Specifications:

For this question you are required to create a Single View iOS application using the Swift programming language.

Project name: userid_PARTB (where 'userid' is your my.seneca user id)

Device to use: iPhone 5

Simulator OS: 9.1 (Deployment Target)

Storyboard device size: 4-inch (Simulated Metrics Pane)

Once your project is completed, you must create an archive with a file extension of *.zip and a file name as indicated above (using your student user ID).

For this app, you are required to use a Navigation controller and a TableViewController to display a list of 3 items (cells). Clicking on the cell in each row will display a new scene and allow you to return to the previous scene.

PART B Section 1: (20 MARKS)

First, as you did for PART A, modify the application's info.plist file to allow for network connections from anywhere.

Recall, this is accomplished by adding the following keys:

```
<key>NSAppTransportSecurity</key>
  <dict>
    <key>NSAllowsArbitraryLoads</key>
    <true/>
  </dict>
```

Next, create a TableView scene that contains 3 rows of data that is read from an array of Strings (NOT a plist). The scene's TITLE should be "Web Links". Each String should contain the URL of one of your favourite websites. This scene should have a custom class of type UITableViewController and the project MUST delete the default ViewController.swift file.

NOTE: If you cannot pick 3 sites, you may use:

www.apple.com

www.amazon.ca

www.senecacollege.ca

Clicking on any of the 3 cells should display the next scene by implementing a Segue that allows it to be pushed onto the Navigation stack.

PART B Section 2: (15 MARKS)

For this portion you are to create a new scene that contains only a WebView that displays the webpage from the cell chosen in the previous scene. The only control in this scene should be a "Back" button (or equivalent).

This scene's TITLE should be "Web Views".

