**Project Overview**

You will create a mobile application and regular online Web access for an online employee directory with display, access and search.

* An index and keyword search is allowed for employees and employer
* An index and keyword search is allowed for administrators to add, update, or delete employees

Employers and employees will have login and password requirements for access with different access levels

A database for will be created containing employees and employers directory information with and additional database for login IDs/passwords access.

Editing can only be done by administrators

**Software Downloads**

[XAMPP - mySQL DBMS, Apache Server and phpAdmin](http://www.apachefriends.org/en/xampp-windows.html)

[Eclipse (or student's preferred IDE)](http://www.eclipse.org/downloads/)

[Java JDK and SDK](http://www.oracle.com/technetwork/java/javase/downloads/index.html)

[Android SDK](http://developer.android.com/sdk/index.html)

**Due Date**

**Your final project is due in Module 11.** There will be individual assignments along the way. The module they are due is noted in the time line below.

**Time Line**

|  |  |
| --- | --- |
| **Module** | **Assignment** |
| **Module 1** | **Download the Required Software** |
| **Module 2** | **Database Schema and ER Diagrams** |
| **Module 3** | **Required Databases** |
| **Module 4** | **Remainder of Databases** |
| **Module 5** | **Storyboards for Interfaces** |
| **Module 6** | **Remote Access Interfaces** |
| **Module 7** | **Create Online Interfaces** |
| **Module 8** | **Connection to Mobile Devices** |
| **Module 9** | **Mobile Applications Storyboards** |
| **Module 10** | **Create the interfaces for the mobile apps** |
| **Module 11** | **Final Presentation** |