

Final Year Project

Installation guide

Warehouse Tracker ©

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Installation Guide submitted in part fulfilment of the degree of

BSc (Hons) in Computer Science

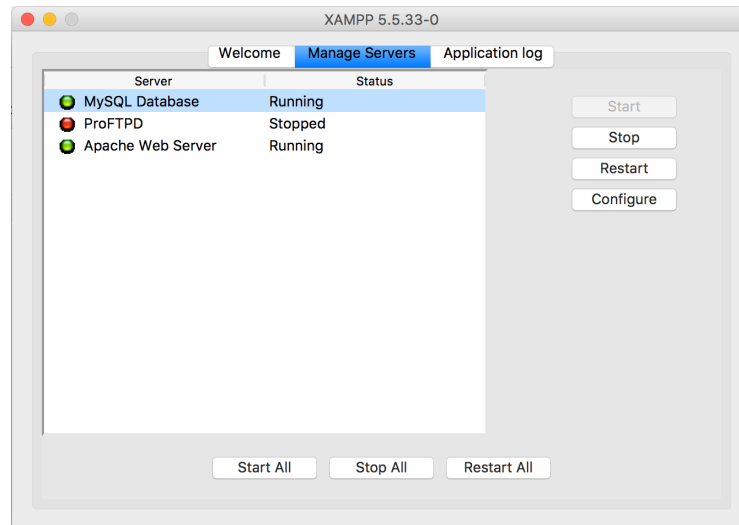
Supervisor: Artur Garcez

Department of Computer Science

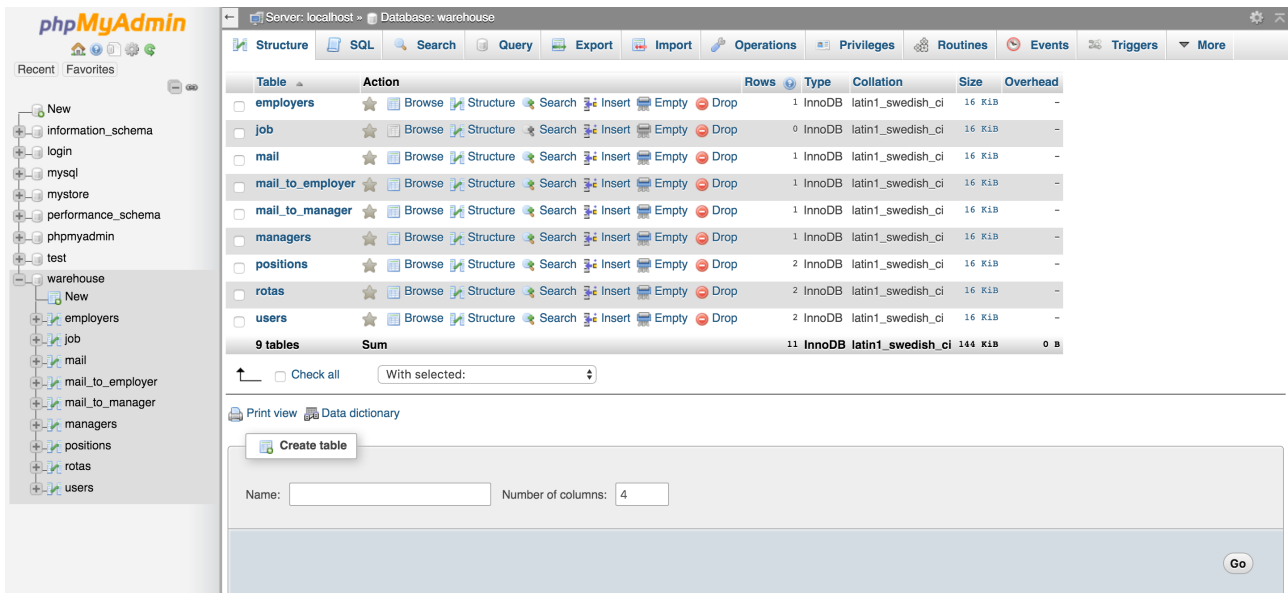
City University of London

1. Installation Guide

1. Install XAMPP and ensure both MySQL and Apache are running.



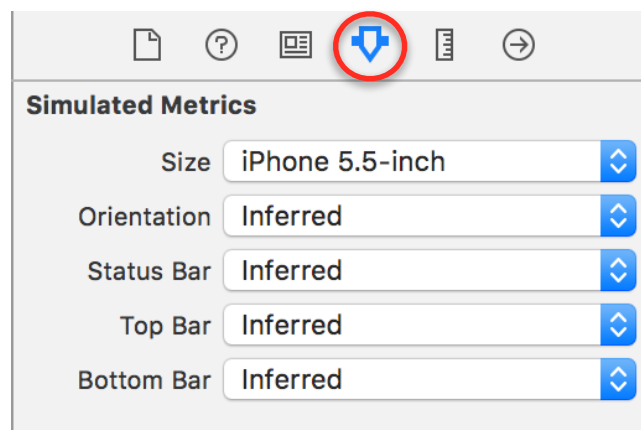
2. a. Install phpMyAdmin and access the local server on your browser.



- b. Head over to the import page and import the 'warehouse.sql' file to insert the required database.

The screenshot shows the MySQL Workbench 'Import' tab for a database named 'warehouse'. The interface includes a top toolbar with tabs like Structure, SQL, Search, Query, Export, Import, Operations, Privileges, Routines, Events, Triggers, and More. The main area is titled 'Importing into the database "warehouse"'. It contains several sections: 'File to import:' with instructions on file formats and a 'Choose File' button; 'Partial import:' with a checkbox to allow interruption and a field to skip queries; 'Other options:' with a checkbox to enable foreign key checks; 'Format:' with a dropdown set to 'SQL'; and 'Format-specific options:' with a dropdown for SQL compatibility mode set to 'NONE' and a checkbox to do not use AUTO_INCREMENT for zero values. A 'Go' button is at the bottom left.

3. a. Open the Xcode projects for the UIWebView (optional but preferred as to fully appreciate the application's features).
- b. Head over to the main storyboard and access the attributes inspector located in the right hand-side panel. Choose your screen size accordingly.



c. Go to the View Controller Swift file located in the left-hand side panel. Where it says 'IP_ADDRESS' enter your current IP address; do the same for manager and employer projects. If you are **not** installing the UIWebView, you can simply access the application from **any** of your devices' browsers by going to the link shown below (note: notifications will only work on a cellular enabled device):

http://enter_your_ip_address_here/myfiles/MyApp/employee

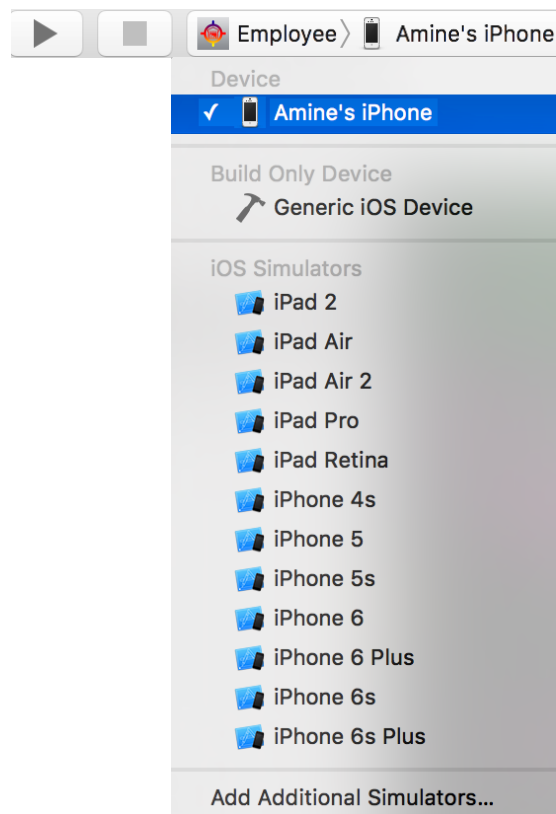
```
import UIKit

class ViewController: UIViewController {

    @IBOutlet weak var warehouse: UIWebView!
    override func viewDidLoad() {
        super.viewDidLoad()
        // Do any additional setup after loading the view, typically from a nib.
        var URL = NSURL(string:"http://IP_ADDRESS/myfiles/MyApp/employee")
        warehouse.loadRequest(NSURLRequest(URL : URL!))
    }

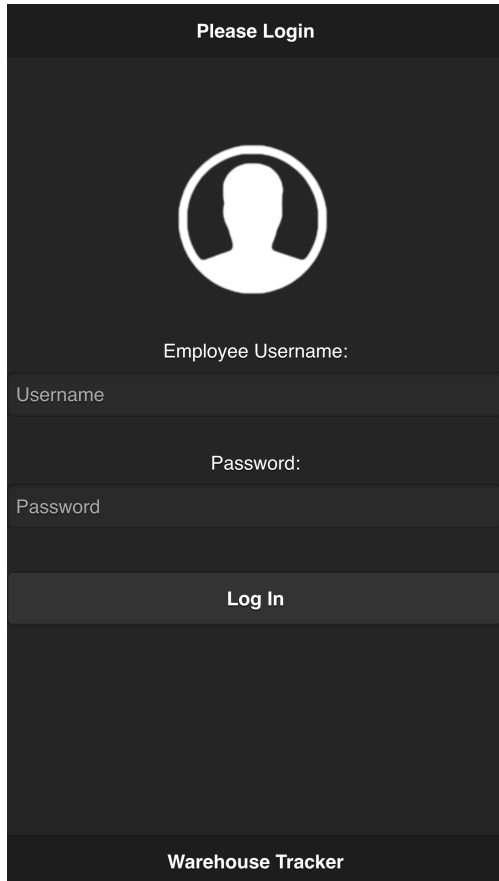
    override func didReceiveMemoryWarning() {
        super.didReceiveMemoryWarning()
        // Dispose of any resources that can be recreated.
    }
}
```

d. Select your device and run the project to install.



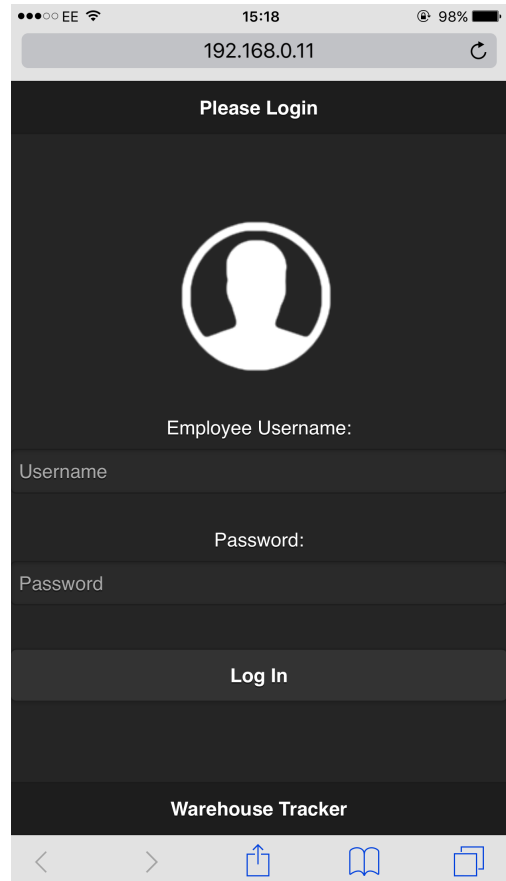
4. Access the application.

UIWebView:



A screenshot of a login screen displayed in a UIWebView. The screen has a dark background. At the top, it says "Please Login". Below this is a white circular icon containing a silhouette of a person's head and shoulders. Under the icon, the text "Employee Username:" is followed by a text input field labeled "Username". Below that, the text "Password:" is followed by a text input field labeled "Password". A "Log In" button is positioned below the password field. At the bottom of the screen, the text "Warehouse Tracker" is displayed.

Mobile device Browser
(Safari):



A screenshot of the same login screen displayed in a mobile device browser (Safari). The browser's status bar at the top shows the time as 15:18 and battery level at 98%. The address bar displays the URL "192.168.0.11". The login form itself is identical to the UIWebView version, featuring the "Please Login" header, the person icon, the "Employee Username:" label with a "Username" input field, the "Password:" label with a "Password" input field, a "Log In" button, and the "Warehouse Tracker" footer.