



اَوْبُوْ سَيِّدِيْ تِيْكَوْ لُوْ كِيْ مَارَا  
UNIVERSITI  
TEKNOLOGI  
MARA

FACULTY OF INFORMATION MANAGEMENT

BACHELOR OF INFORMATION SCIENCE (HONS.) INFORMATION SYSTEM  
MANAGEMENT

(IM245)

COURSE :

ADVANCED WEB DESIGN AND CONTENT MANAGEMENT

(IMS607)

INDIVIDUAL PROJECT :

**LA VISITA TRACKING SYSTEM (LVTS)**

PREPARED FOR :

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## 1. INTRODUCTION

Sometimes when visitors arrives at your building, did your smiling receptionist greets them and makes them feel welcome by inviting them on a personal level? Or how many visitors that visit your building? Did the visitors feel welcome at your building? Or there is no one greet the visitors at all? These scenario is a common scenario that happens every day at the building. To be precise, this is why you need a digital check in system that known as visitor management system.

Visitor management is the process that will help in tracking visitors that enter your building or office. They can be a clients, a job applicants, a delivery person, or a contractor. Anyone that is not the permanent employee is a visitor. Meanwhile the visitor management system is a technology that used to track the visitors.

Before the digital revolution takes over, a piece of paper is usually kept in a binder at the front desk, when a visitor arrives, they need to fill out their details on the paper. What is their name, who they want to see, and also time? Then the receptionist will notifies the person that they want to meet that their visitors is waiting for them. Then a new sheet will be put to keep the next visitors records. It is not a really good practices nor environmentally friendly. But some company did not afford to hire a receptionist and nowadays all the company want to look modern by using the latest technology.

That is why LaVisita Tracking System (LVTS) is invented. The LVTS will help the company in tracking up all their visitors and avoid too many distractions. LaVisita Tracking system will cut the time when it is involving the visitors. It is mean that the visitors did not have to fill out the paper wait to be called. They can register and get their pass from the system and then straight go to the company to meet the person they want to meet.

## 2. STATEMENT OF PROBLEM

LVTS will help the company or building that need to upgrade their visitor management. The **old fashioned way in manage the visitors details** is not really relevant nowadays since we are moving towards Industry Revolution 4.0 (IR4.0). Using paper as a medium in keeping the visitors information have many disadvantages. The visitor information could be misplaced, damages and also it will increase the cost. Using too many paper need many budgets.

Other than the information can be misplaced and damages, some of the company **did not hired any receptionist in their company**, so the system will help them in manage the visitor information. The visitors can fill their details in the system and choose who they want to meet. This advantages can help in reducing the visitor time and also help the staff. Besides that, this can help the authorised visitors to have control over the specific areas in the building.

This LVTS also can improved the building security, peoples and data. If any emergency happens regarding to the visitors, this system will make it easier to check everyone accounted for. The system also will help in reducing the thief threats.

### 3. DEVELOPER



#### PROFILE

Siti Nor Arifah binti Abd Halim

0139145799

Arifahalim1996@gmail.com

#### EDUCATION

Diploma of Information Management UiTM Machang, Kelantan

Bachelor of Information Science (Hons.) Information System Management  
UiTM Machang, Kelantan

#### TECHNICAL SKILLS

Languages : C++, HTML, PHP, JAVASCRIPT, SQL, CSS

Microsoft : Word, Access, Excel, PowerPoint, Publisher

Adobe : Photoshop, Dreamweaver, Flash, Illustrator

Operating System : Windows, Apple's macOS

#### PERSONAL SKILLS

Able to speak in English, Arabic

Excellent communication skills

Ability to work under pressured

#### 4. OBJECTIVE OF THE PROJECT

- i. To improve the work efficiency and operations
- ii. To increase the security at the company or building
- iii. To collect and measure the digital records in a better way
- iv. To facilitate visitor's affairs at the company

## 5. SCOPE OF THE PROJECT

LVTS is one of the system that can give well beneficial to both parties which is to the visitor and also to the company. In LVTS, the visitors can use the visit features, where they can set an appointment with the employee and also state what are the purpose they making an appointment. The system is very user friendly since it is easy to use. The target audience for LVTS is for company that need help in recording visitor data instead of hiring a receptionist.



## 7. ESTIEMATED BUDGET &amp; COST REQUIRE FOR THE PROJECT

<b>No.</b>	<b>ITEM</b>	<b>BUDGET</b>
1	Laptop HP 14	RM1500
2	Mouse	RM30
3	Wampserver	Free
4	Adobe Dreamweaver	RM1200
5	Microsoft office 2016 pro plus	RM50
<b>TOTAL</b>		<b>RM2780</b>

## 8. HARDWARE & SOFTWARE DETAILS USE IN THE PROJECT

### 8.1 HARDWARE

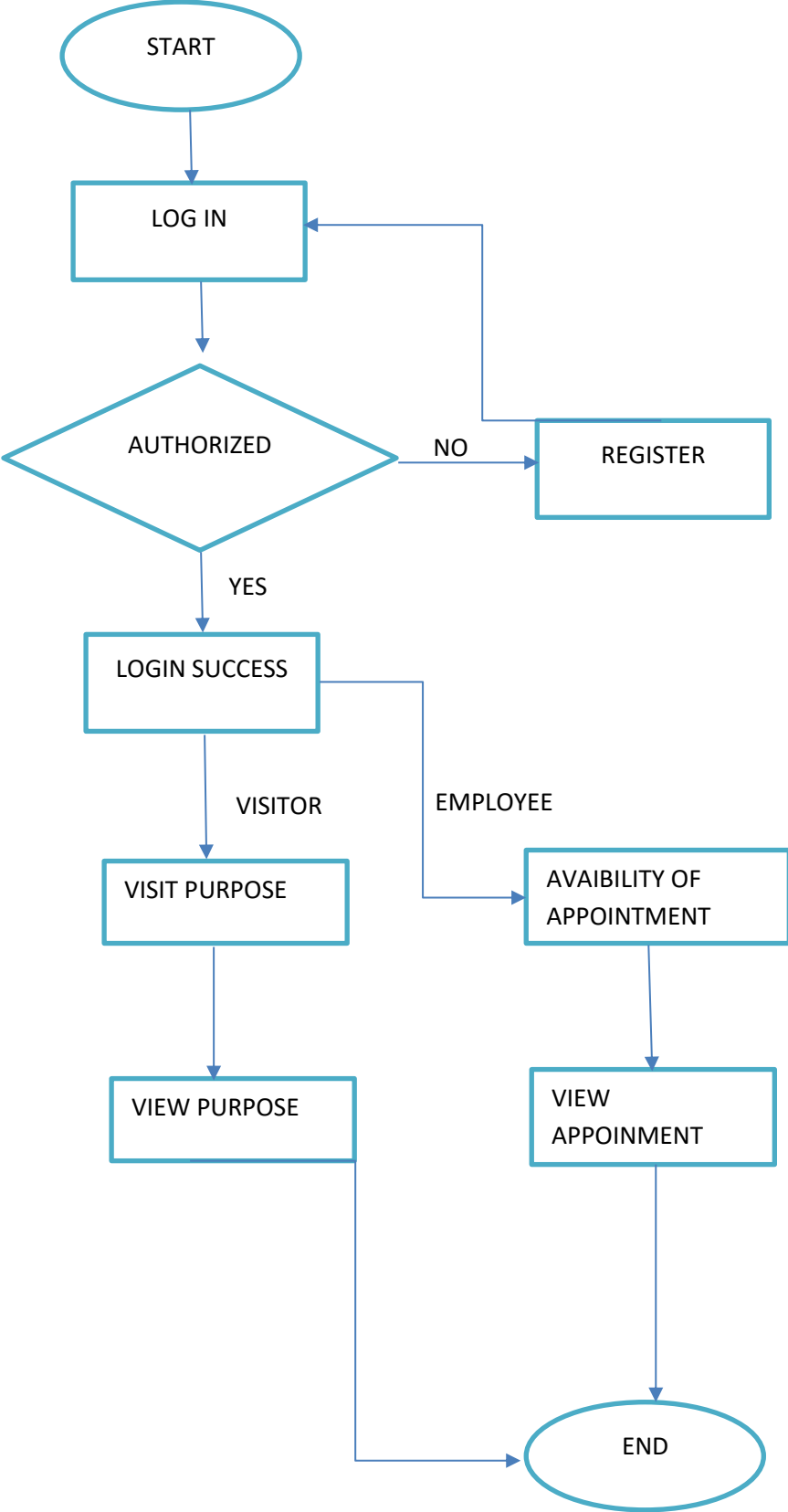
ITEM	DESCRIPTION
HP Laptop 14-bw0xx	<ul style="list-style-type: none"> <li>• 5 Compute Cores</li> <li>• 4.00 GB64-bit operating system, x64-based processor</li> </ul>

### 8.2 SOFTWARE

SOFTWARE	DESCRIPTIONS
Adobe Dreamweaver	A proprietary web development tool that developed by Adobe System
Wampserver	Refers to a software stack for Microsoft Windows operating system. Consist of Apache web server, Open SSL for SSL support, MySQL Database and PHP programming language
PHP my admin	An open source administration tool for MySQL and MariaDB. As a portable web application written primarily in PHP. It is one of the most popular MySQL administration tools especially for web hosting services
MySQL	Is an open source relational database management system. Applications that use MySQL such as WordPress and Joomla
Localhost	Hostname that means this computer. Used to access network services that running on host via loopback network interface

9. SYSTEM FLOWCHART/DIAGRAMS

9.1 SYSTEM FLOWCHART



## 10. WEB SYSTEM STRUCTURE

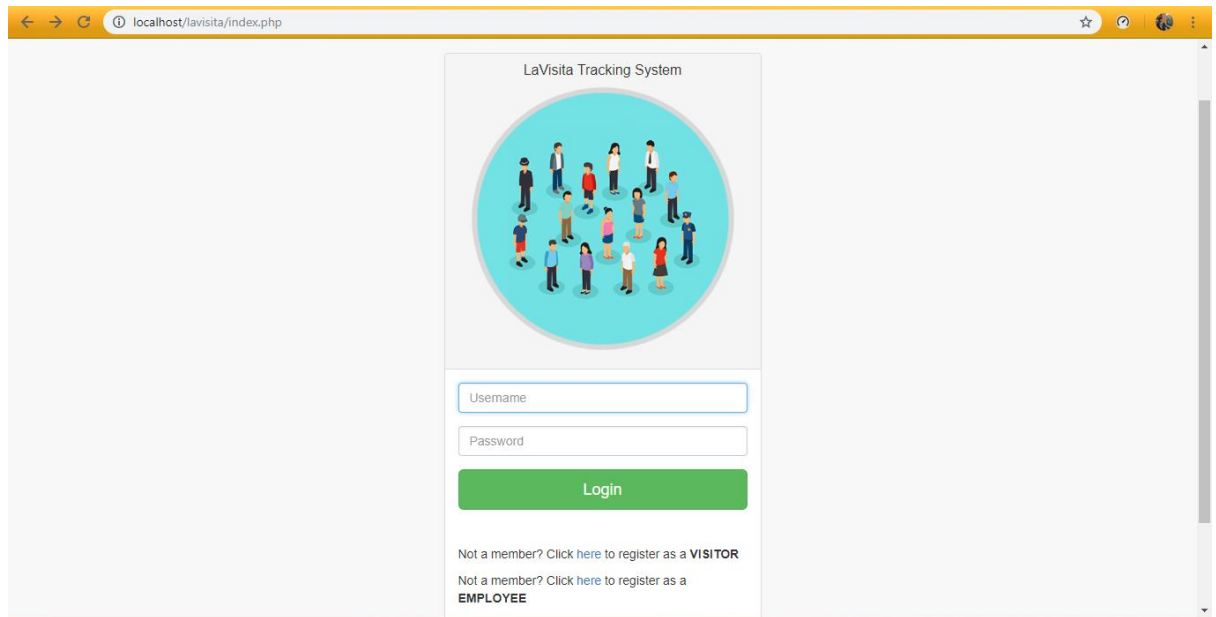


Figure 1 login interface

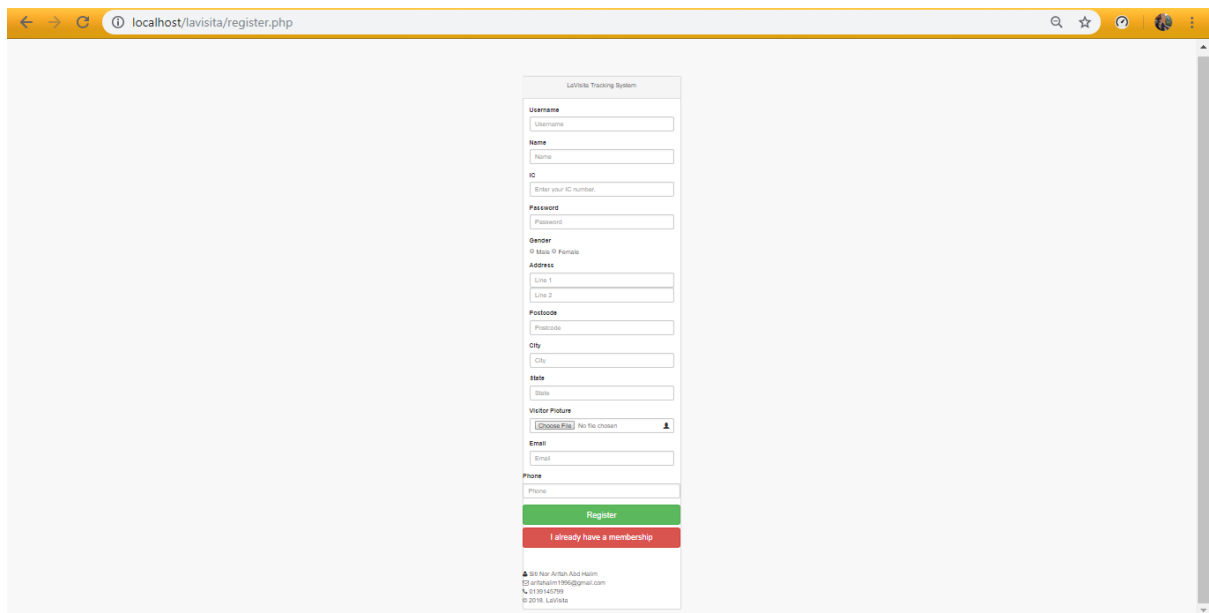
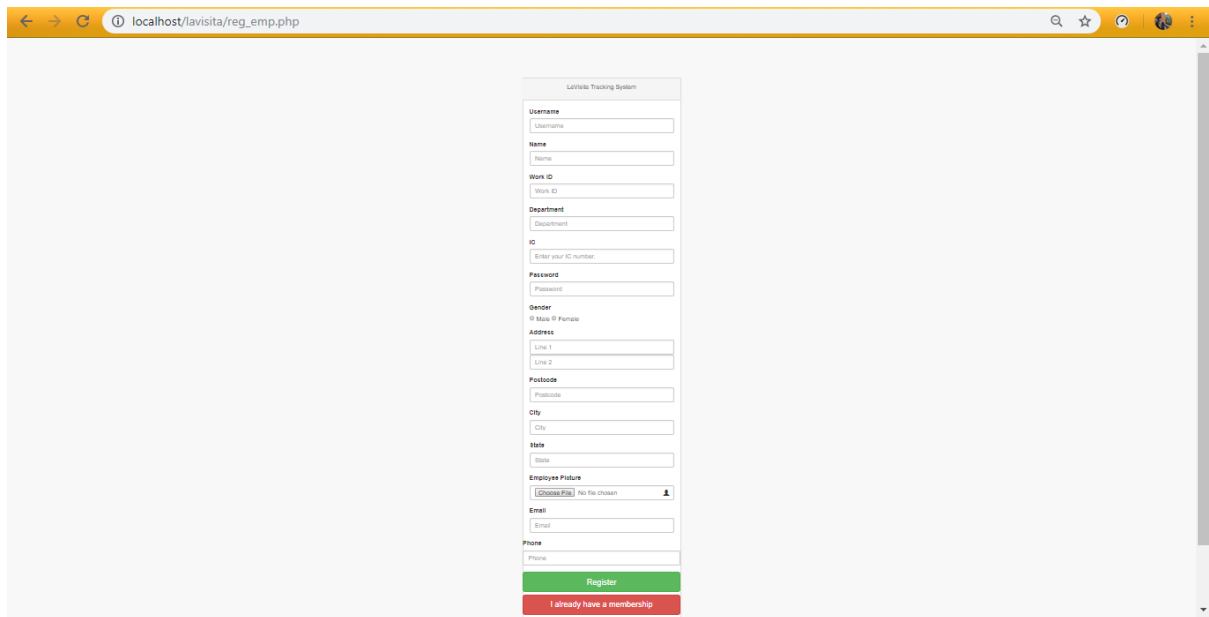


Figure 2 Visitor login



The screenshot shows a web browser window with the URL `localhost/lavisa/reg_emp.php`. The page displays a registration form titled "LaVisita Tracking System". The form fields are as follows:

- Username:** Input field with "Username" as a placeholder.
- Name:** Input field with "Name" as a placeholder.
- Work ID:** Input field with "Work ID" as a placeholder.
- Department:** Input field with "Department" as a placeholder.
- ID:** Input field with "Enter your IC number" as a placeholder.
- Password:** Input field with "Password" as a placeholder.
- Gender:** Radio buttons for "Male" and "Female".
- Address:** Two input fields labeled "Line 1" and "Line 2".
- Postcode:** Input field with "Postcode" as a placeholder.
- City:** Input field with "City" as a placeholder.
- State:** Input field with "State" as a placeholder.
- Employee Picture:** A "Choose File" button and a note "No file chosen".
- Email:** Input field with "Email" as a placeholder.
- Phone:** Input field with "Phone" as a placeholder.

At the bottom of the form, there are two buttons: a green "Register" button and a red "I already have a membership" button.

Figure 3 Employee login



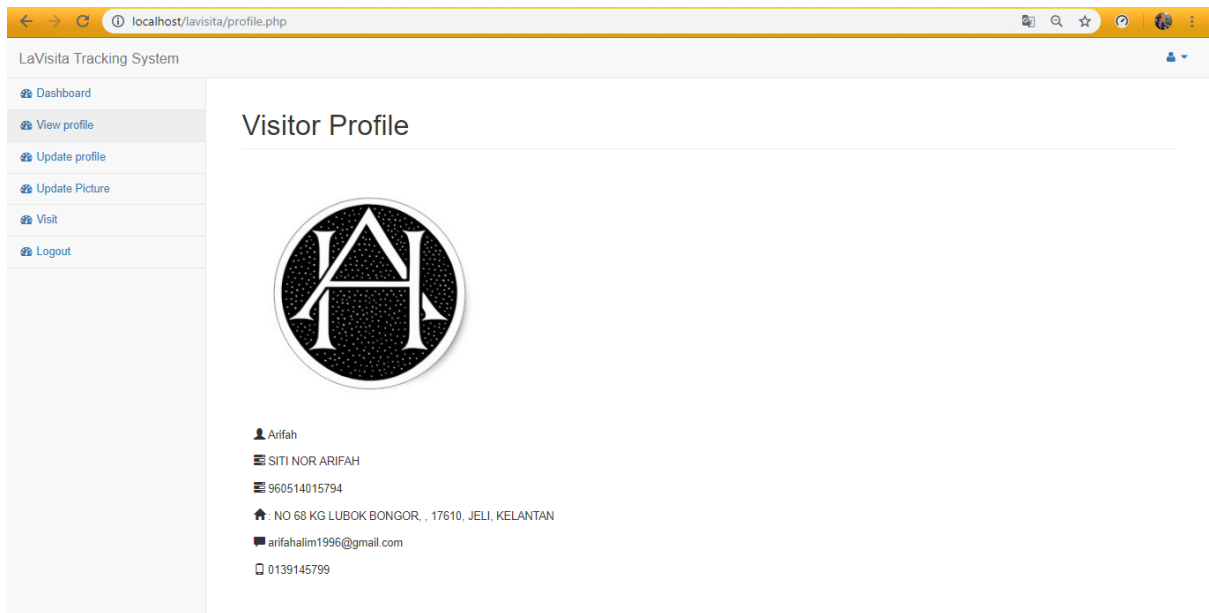
The screenshot shows a web browser window with the URL `localhost/lavisa/index2.php`. The page displays the "LaVisita Tracking System" dashboard. On the left, there is a sidebar menu with the following items:

- Dashboard
- View profile
- Update profile
- Update Picture
- Visit
- Logout

The main content area features a large blue banner with the text "WELCOME TO LAVISITA TRACKING SYSTEM" in yellow. Below the banner, it says "REDUCE YOUR TIME". The banner also includes icons of a clock, a person, a smartphone, and a document. To the right of the banner, there is a "Visitor Profile" dropdown menu with options for "Settings" and "Logout". Below the banner, there is a paragraph of text:

Providing first-class service to every single visitor, be it a customer or a mere contact is vital in today's highly competitive environment. First impressions last. And therefore the entry point treatment plays a major role in creating a professional image for an organization.

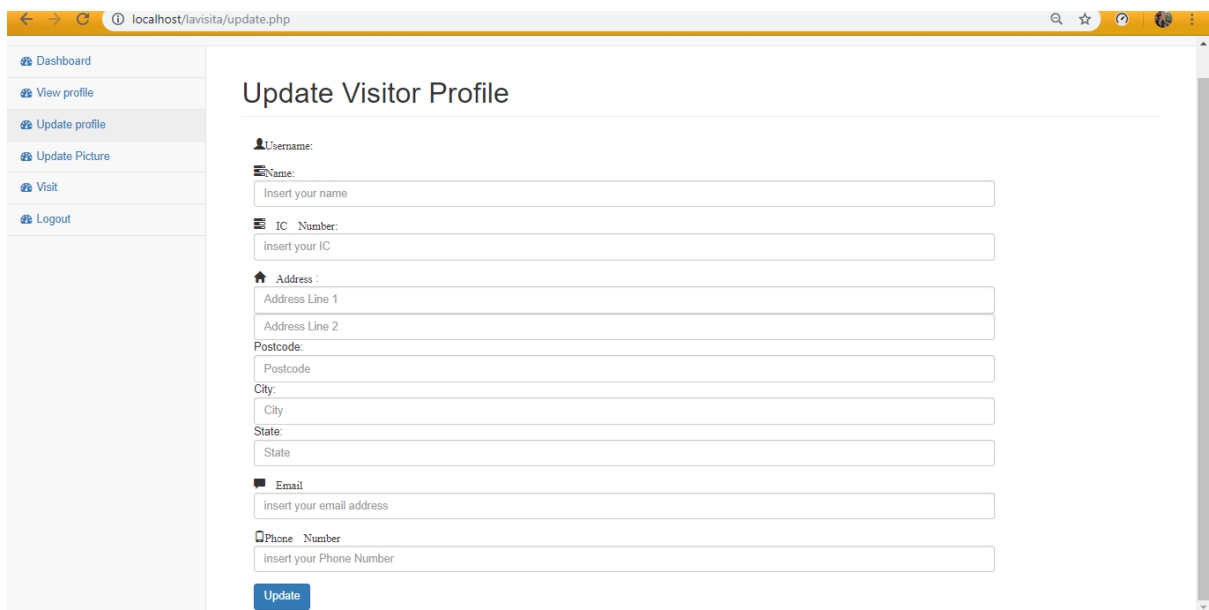
Figure 4 Visitor interface



The screenshot shows a web browser at the URL `localhost/lavisa/profile.php`. The page title is "LaVisita Tracking System". On the left is a navigation menu with the following items: Dashboard, View profile, Update profile, Update Picture, Visit, and Logout. The main content area is titled "Visitor Profile" and features a circular profile picture of a person with the letters "A" and "H" on a black background. Below the picture, the following information is displayed:

- Arifah**
- SITI NOR ARIFAH**
- 960514015794**
- NO 68 KG LUBOK BONGOR, , 17610, JELI, KELANTAN**
- arifahalm1996@gmail.com**
- 0139145799**

Figure 5 Visitor profile



The screenshot shows a web browser at the URL `localhost/lavisa/update.php`. The page title is "LaVisita Tracking System". On the left is a navigation menu with the following items: Dashboard, View profile, Update profile, Update Picture, Visit, and Logout. The main content area is titled "Update Visitor Profile" and contains a form with the following fields:

- Username:** (empty)
- Name:**
- IC Number:**
- Address:**
  - 
  -
- Postcode:**
- City:**
- State:**
- Email:**
- Phone Number:**

At the bottom of the form is a blue "Update" button.

Figure 6 Visitor update profile

LaVisita Tracking System

- Dashboard
- View profile
- Update profile
- Update Picture
- Visit
- Logout

### Updating Profile Picture

Visitor Profile  
Settings  
Logout

Select Picture

Choose File | No file chosen

Update

Figure 7 Updating visitor picture

LaVisita Tracking System

- Dashboard
- View profile
- Update profile
- Update Picture
- Visit
- Logout

### Visit Purpose

Visitor Purpose:  
State your purpose

Visitor Card Number:  
State your visitor card number

Visitor Time-in:  
--:--

Visitor Date-in:  
dd/mm/yyyy

Visitor Time-out:  
--:--

Visitor Date-out:  
dd/mm/yyyy

Save

Delete

Figure 8 Visiting purpose

## 11. REFERENCES

Build a Visitor Tracking System for your Website with PHP. (2018, November 23). Retrieved from <https://tournasdimitrios1.wordpress.com/2012/01/15/build-a-visitor-tracking-system-for-your-website-with-php/>

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