



"YOU WILL FACE MANY
DEFEATS IN LIFE, BUT NEVER
LET YOURSELF BE DEFEATED"

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ALITAGTAG SENIOR HIGH SCHOOL



COMPUTER LABORATORY ATTENDANCE MONITORING AND PROFILING SYSTEM

JERICHO V. BELINO
TVL 12 ICT MABINI

COMPUTER LABORATORY ATTENDANCE MONITORING AND PROFILING SYSTEM

My program focuses on a Computer Laboratory Attendance Monitoring and Profiling System and the steps involved in creating the project using Visual Studio. The goal of the system is to provide an efficient and automated way to monitor the attendance of students in a computer laboratory.

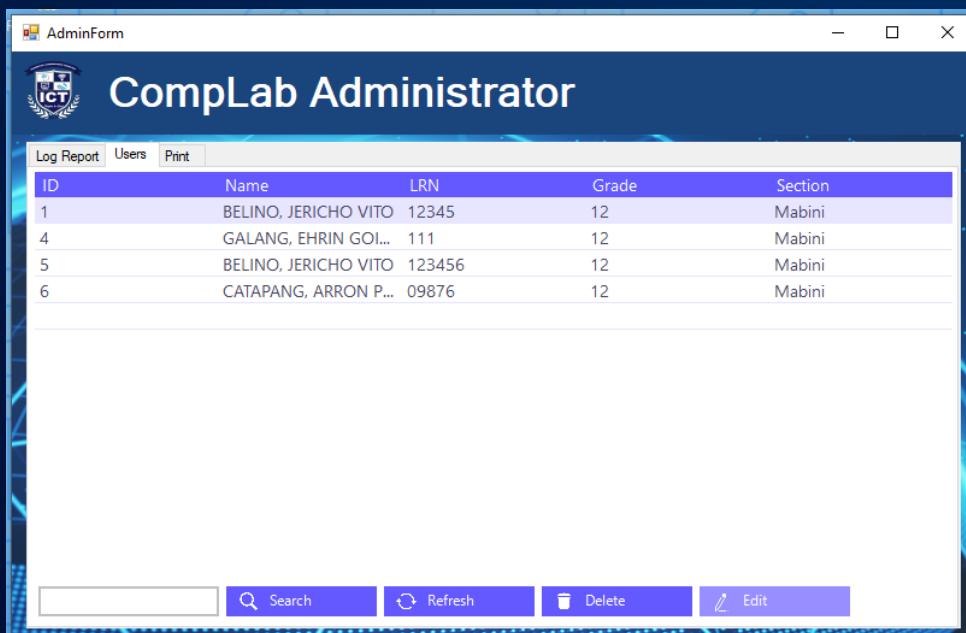
I have programmed the system to be highly useful for managing attendance records and generating reports. It includes features such as student registration, login authentication, and a user-friendly interface for both administrators and students.

DEVELOPER



JERICHO V. BELINO

USER



- In the user interface, admins can view the records of individuals who have used the computer in the computer laboratory.

TECHNICAL SPECIFICATIONS

Hardware Specification:

- Intel Duo Core
- 2GB RAM
- 100 GB HD

Software Specification:

- VB.Net
- Crystal Report
- Heidi
- Xampp
- Python

HOW TO INSTALL VB.NET

Step 1

- Make sure your computer is ready for Visual Studio.

Step 2

- Download Visual Studio.
- Next, download the Visual Studio bootstrapper file. To do so, click the following button, select the edition of Visual Studio 2013 that you want, click Save, and then click Open folder.

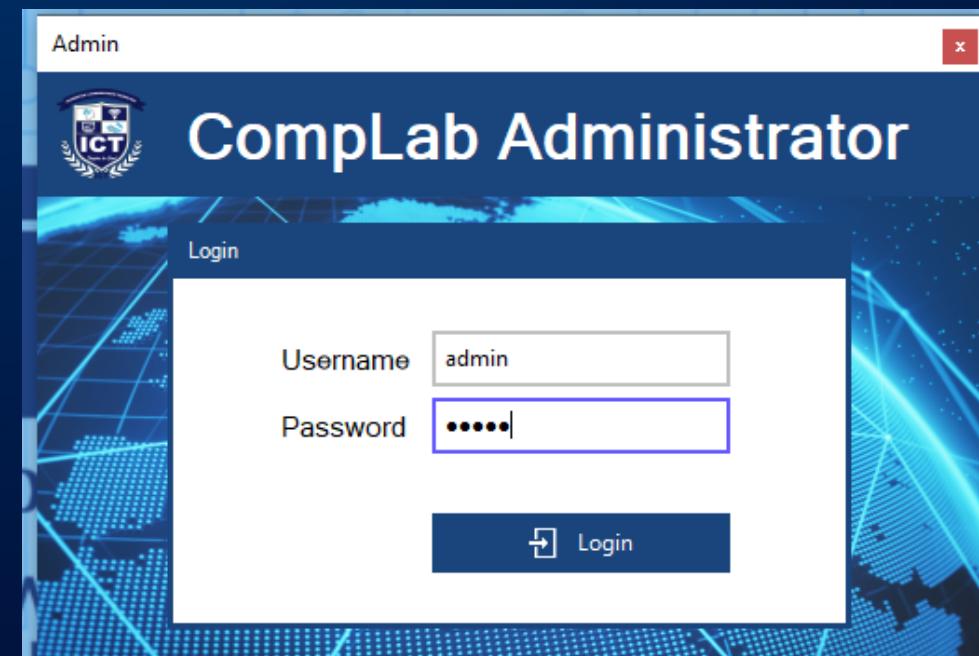
Step 3

- Install the Visual Studio installer.
- Then, run the bootstrapper file to install the Visual Studio Installer. This new lightweight installer includes everything you need to both install and customize Visual Studio 2013.

Step 4

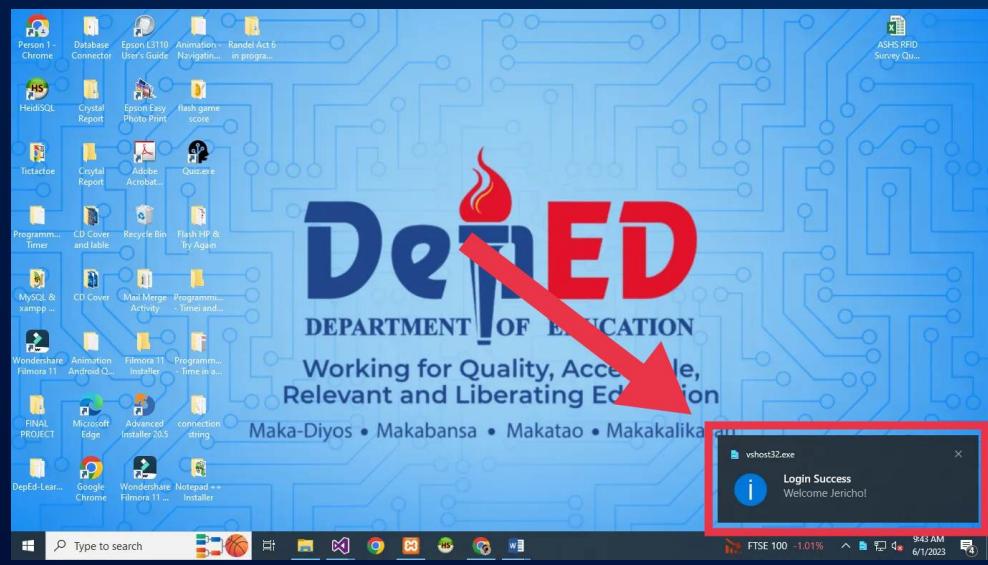
- Select workloads.
- After the installer is installed, you can use it to customize your installation by selecting the feature sets—or workloads—that you want. Here's how.

ADMIN LOG IN FORM



- The form for managing student attendance records in the computer laboratory can only be accessed by administrators.

LOG IN NOTIFICATION



- After logging in, the user's name is displayed in the bottom right corner of the interface.

Step 5

- Select individual components (Optional).
- If you don't want to use the Workloads feature to customize your Visual Studio installation, you can do so by installing individual components instead. To select individual components, click the Individual components option from the Visual Studio Installer, select what you want, and then follow the prompts.

Step 6

- Install language packs (Optional)
- By default, the installer program tries to match the language of the operating system when it runs for the first time. To install Visual Studio 2013 in a language of your choosing, click the Language packs option from the Visual Studio Installer, and follow the prompts.

Step 7

- Change the installation location (Optional)
- New in 15.7: You can now reduce the installation footprint of Visual Studio on your system drive. You can choose to move the download cache, shared components, SDKs, and tools to different drives, and keep Visual Studio on the drive that runs it the fastest.

Step 8

- Start developing.

HOW TO RUN DATABASE

Step 1

- First search for the XAMPP application and run it.

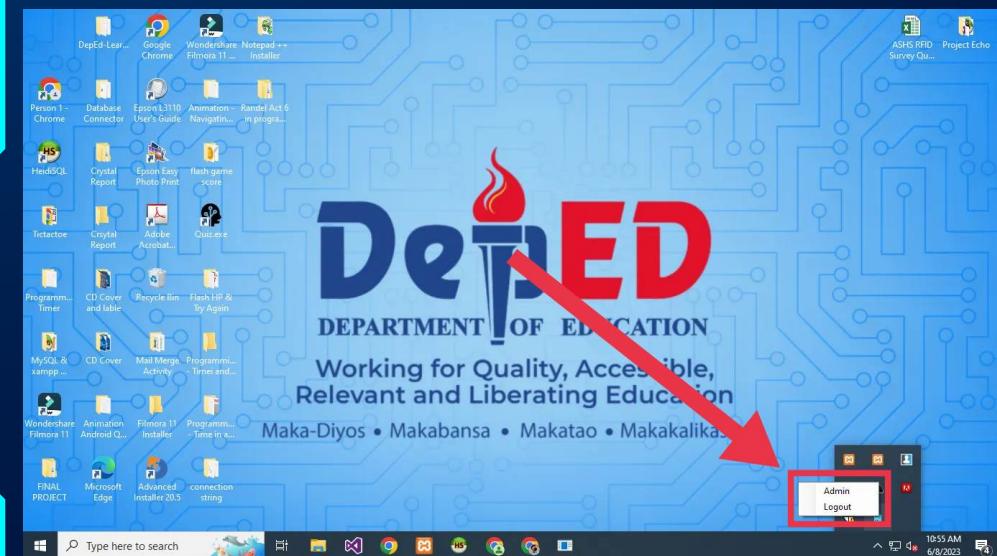
Step 2

- After you open the XAMPP click start from the row of Apache and MySQL. Then run your HEIDI Application and click the local folder.

Step 3

- After you open click in the upper part of the Heidi the File tab, then click the Load SQL File and load the database you save.

ADMIN & LOGOUT BUTTON



- Upon successful login, the interface will show the admin and logout buttons located in the bottom right corner.

LOG IN FORM

LOG REPORT



Thursday, June 8, 2023
11:01 AM

Login to Use

Autofill: BELINO, JERICHO VITO

Name: BELINO JERICHO VITO

LRN: 123456

Grade/Section: 12 Mabini

Subject: PROGRAMMING

AdminForm CompLab Administrator

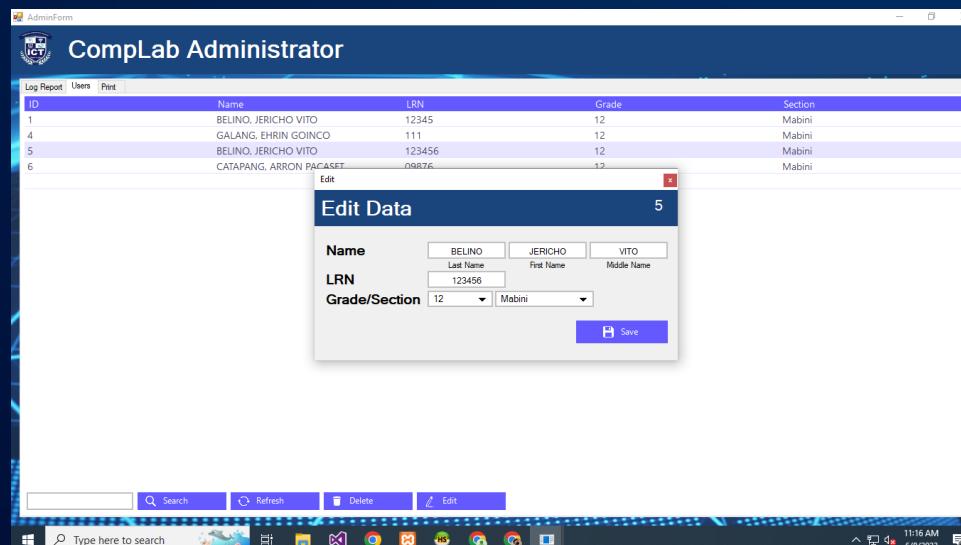
Log Report Users Print

Name	LRN	Grade	Section	Date	Login	Logout	Subject
GALANG, EHRIN GOIN...	123	12	Mabini	Monday, June 5, 2023	3:06 PM		PROGRAMMING
BELINO, JERICHO VITO	0171001	12	Mabini	Wednesday, June 7, 2023	11:40 AM	11:42 AM	PROGRAMMING
BELINO, JERICHO VITO	12345	12	Mabini	Wednesday, June 7, 2023	11:42 AM	11:42 AM	MIL
CATAPANG, ARRON PA...	123	11	Yakal	Wednesday, June 7, 2023	5:24 PM	5:26 PM	PROGRAMMING
BELINO, JERICHO VITO	123	12	Mabini	Wednesday, June 7, 2023	5:26 PM		123
BELINO, JERICHO VITO	111	12	Mabini	Wednesday, June 7, 2023	5:44 PM	5:45 PM	MIL
BELINO, JERICHO VITO	123456	12	Mabini	Thursday, June 8, 2023	8:56 AM	10:22 AM	PROGRAMMING
CATAPANG, ARRON PA...	09876	12	Mabini	Thursday, June 8, 2023	10:23 AM	11:01 AM	3IS
BELINO, JERICHO VITO	123456	12	Mabini	Thursday, June 8, 2023	11:01 AM		PROGRAMMING

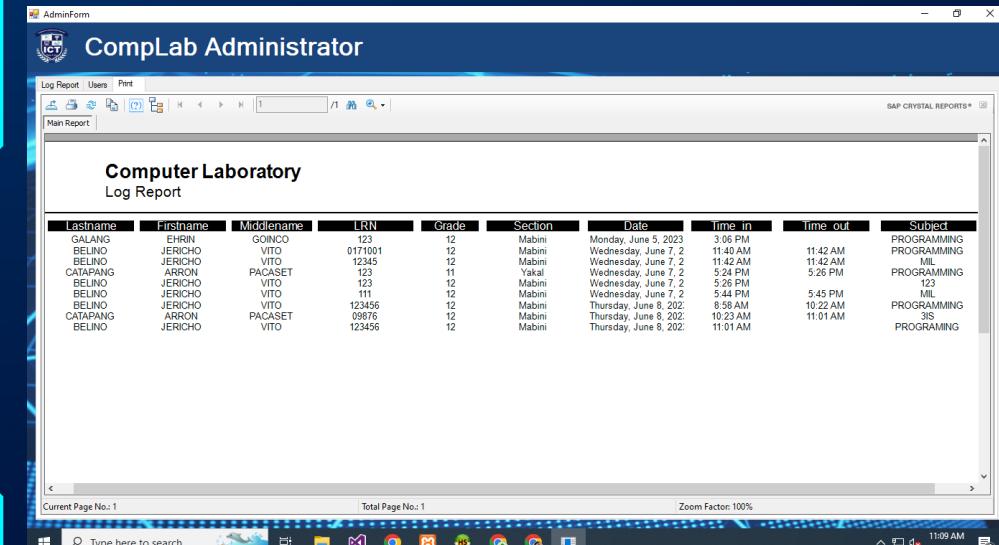
- Upon starting the computer, this will automatically appear, requiring users to fill it out in order to access and utilize the computer.

- The log report provides information about the user, including their login and logout times, as well as the subject they accessed during their session.

EDIT DATA



PRINT



- Only administrators have the ability to edit user information in this system.

- The system displays complete information, and admin have the option to print the entire set of data if desired.