

COURSE REGISTRATION WEBSITE

Villatoro Marquis University



USER GUIDE

CMSC495 CURRENT TRENDS AND PROJECTS IN COMPUTER SCIENCE

VILLATORO MARQUIS

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USER GUIDE: Introduction

This document describes the user guide for the VM University website. Villatoro Marquis University also known as VMU is a university founded by Kimberly Villatoro and Benjamin Marquis. The university website was created by the founders themselves and in the following sections, details on how to navigate the website will be described.

USER GUIDE: VMU Website

The VMU website is created using a flask application with the use of Python and various HTML templates. The back-end includes creating and maintaining a database for registered students and for courses that are provided by the university. Students will be able to navigate through the university website to discover more about VMU, it's courses, and how to register, and enroll in courses.

USER GUIDE: Website Features

- Home - Features information about the University.
- Courses - Displays all courses available at the University. Students who have registered and are logged in are able to enroll and disenroll from courses directly from this page.
- Register - Allows prospective students to create an account in order to sign up for classes.
- Student Portal - Facilitates student's signing in to the website.
- Admin Portal - Facilitates the needs of the website administrators. It allows the administrators to create or delete courses, and to view students and their course loads.

USER GUIDE: System Requirements



Villatoro Marquis University website will be deployed using Heroku. This means the website is operating system independent. However, for best user experience, it is strongly encouraged to have

the latest software installed by the user prior to navigating to our website.

USER GUIDE: Creating User Account

When you navigate to the link provided for our university website, you will need to register as a student to access certain pages. Within the register page you will be asked to fill in a username, email, password, and confirm that password. Upon successful registration you will be able to use your credentials to login to our Student Portal.

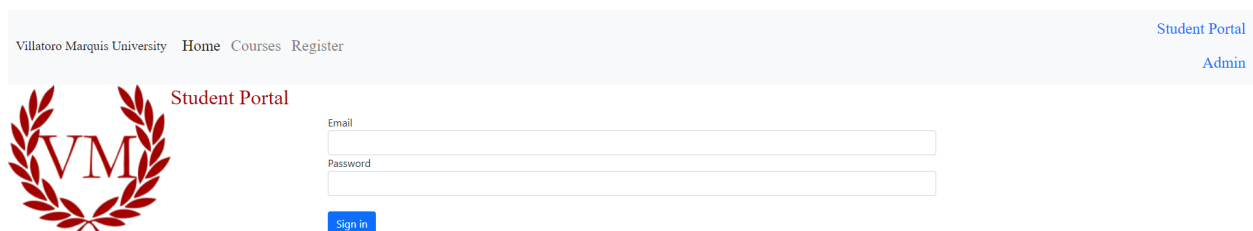


The screenshot shows the 'Register Page' of Villatoro Marquis University. The page has a light blue header with navigation links: 'Villatoro Marquis University', 'Home', 'Courses', and 'Register'. On the right side of the header, there are links for 'Student Portal' and 'Admin'. The main content area features the university's logo (a red laurel wreath with 'VM' in the center) on the left. To the right of the logo, the title 'Register Page' is displayed. Below the title, there are four input fields: 'Username', 'Email', 'Password', and 'Confirm Password'. A blue 'Create Account' button is positioned below the 'Confirm Password' field.

Image 1: Student Register Page

USER GUIDE: Login to Student Portal

After you have successfully registered (confirmed by message displayed on the screen), you will be navigated to the Student Portal page where you can login as a student with the email and password used to register. This information is stored and protected by encryption within a database that can only be accessed by an administrator.



The screenshot shows the 'Student Portal' login page of Villatoro Marquis University. The page has a light blue header with navigation links: 'Villatoro Marquis University', 'Home', 'Courses', and 'Register'. On the right side of the header, there are links for 'Student Portal' and 'Admin'. The main content area features the university's logo (a red laurel wreath with 'VM' in the center) on the left. To the right of the logo, the title 'Student Portal' is displayed. Below the title, there are two input fields: 'Email' and 'Password'. A blue 'Sign in' button is positioned below the 'Password' field.

Image 2: Student Login Page

USER GUIDE: Student Access

Now that you are successfully registered and logged in as a student, you can now access our enrollment features. Students at VMU can enroll in the courses provided through the university. Once enrolled in courses, students will have access to their class schedules where they can make modifications as necessary.

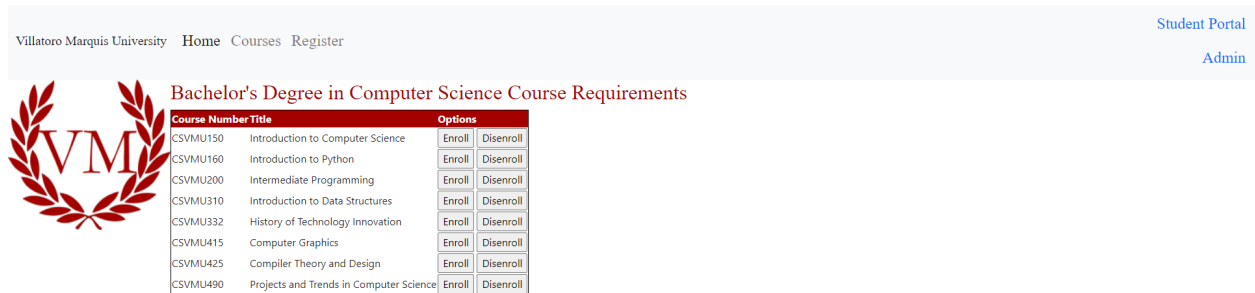


Image 3: Course Enrollment Page

USER GUIDE: Administrator Access

An Administrator account is provided by VMU with login credentials for Admin access. Navigate to the Admin page on our website's menu and use the credentials provided to login. Once you are logged in as an administrator, you will have access to a database that has stored the information of all the students who have registered to the university.

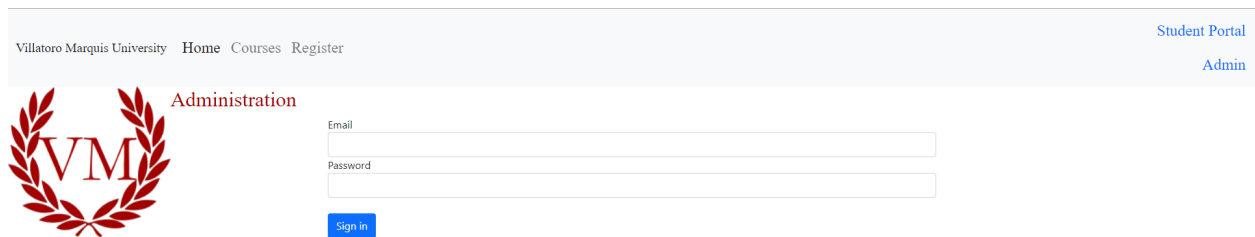
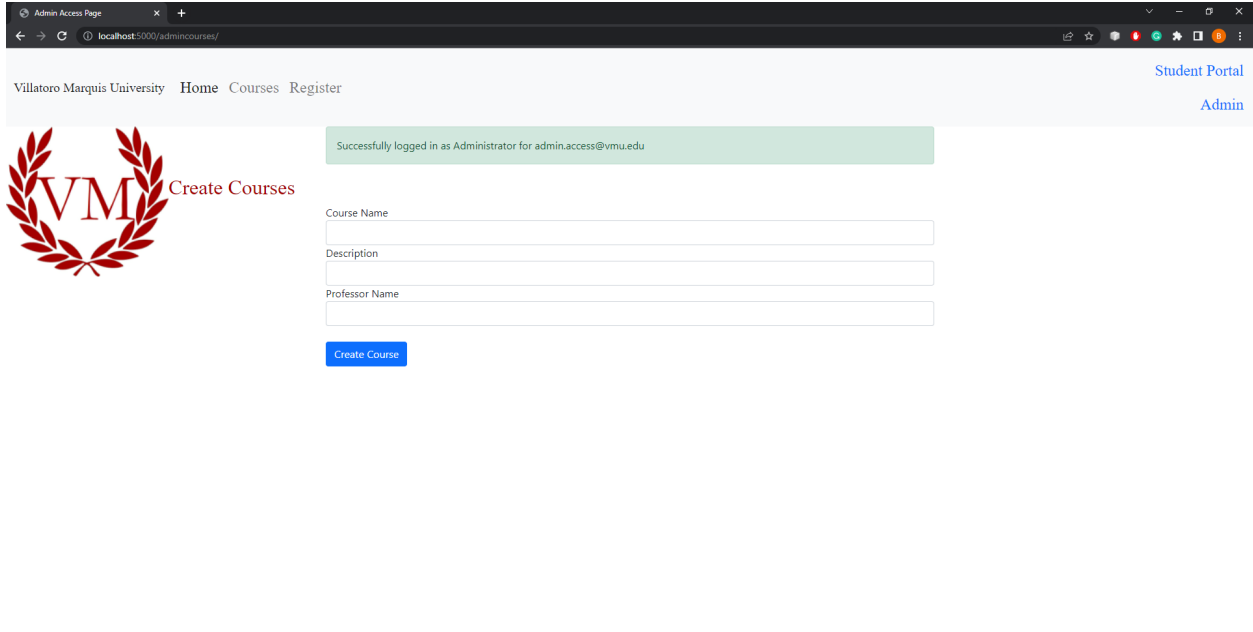


Image 4: Admin Login Page



The screenshot displays a web browser window with the address bar showing `localhost:5000/admincourses/`. The page header includes the text "Villatoro Marquis University" and navigation links for "Home", "Courses", and "Register". On the right side of the header, there are links for "Student Portal" and "Admin". A green notification banner at the top of the main content area states: "Successfully logged in as Administrator for admin.access@vmu.edu". On the left, there is a red laurel wreath logo with the letters "VM" in the center, followed by the text "Create Courses". To the right of the logo is a form with three input fields labeled "Course Name", "Description", and "Professor Name". Below these fields is a blue button labeled "Create Course".

Image 5: Create Course Tool

Villatoro Marquis University


Home

Courses

Register

Student Portal

Admin



Create Courses

Course created successfully for Intro to Object-Oriented Programming

Course Name
Intro to Object-Oriented Programming

Description
Learn the fundamentals of OOPs and develop models based on objects

Professor Name
Kimberly Villatoro

Create Course

Users

kimsvillatoro	kimsvillatoro@gmail.com
bmarquis3500	bmarquis3500@gmail.com
bobjones123asdfsad	bobjones@gmail.com

Courses

Intro to Python	Python fundamentals course	Philip Chan	delete
Intro to Object-Oriented Programming	Learn the fundamentals of OOPs and develop models based on objects	Kimberly Villatoro	delete

User - Courses

kimsvillatoro
bmarquis3500
bobjones123asdfsad

Image 5: Updated Admin Access Page

USER GUIDE: Exiting the Application

For safety precautions, log out of which ever account you are currently logged into (either as a student or admin). This will allow the application to save your changes and then simply exit out of the tab or window you are currently in.