Venus | Alumni Association

Developer Manual

Technologies Used

1. **Codeigniter Framework: Version 3.1.5**

2. **MySQL database**

3. **Apache web server**

4. **PHP 7.1+**

Installation procedure

1. **localhost**

   a. You will need to install either Apache/Nginx web server on your system for Ubuntu. For Windows you can install XAMPP/WAMP web server. And for macOS please install MAMP. For to install Apache web server on your system (only applicable for ubuntu), run the below command:
   sudo apt-get install apache2
   But for a far more detailed instructions please refer to this [tutorial](#);

   b. In the case of Ubuntu your root directory will be "/var/www/html" and in case of XAMPP it will be "C:\xampp\htdocs" and for WAMP it's "C:/wamp/www". For MAMP, the root directory is "/Applications/MAMP/htdocs". Of course all directory paths can change depending on the version you install.

   c. Now you have to install PHP and MySQL database only in case of Ubuntu. Because for the rest of the Operating systems XAMPP or WAMP or MAMP will do all the work for you. In Ubuntu, you can install LAMP stack but that is a whole different story. Please keep the root name, password saved somewhere for further use.

   d. To install PHP on your system please run the below command:
   sudo apt install php libapache2-mod-php
   But for a far more detailed instructions please refer to this [tutorial](#);

   e. After installing PHP, you need to enable the mod_rewrite module. To do that please run this below command:
   sudo a2enmod rewrite && sudo systemctl restart apache2
   But for a far more detailed instructions please refer to this [tutorial](#);

f. Now create a folder of your desired name in the root directory i.e. "/var/www/html" or "C:\xampp\htdocs" or "C:/wamp/www" or "/Applications/MAMP/htdocs".

g. Put all the folders and files (i. e. application, assets, system, uploads and all other files) from inside the venus folder into the folder created in the last step.

h. Please keep in mind that .htaccess file is a very important file. It is inside the main script file (venus folder). Make sure that you have that file copied and pasted properly.

i. Now you will need to set up a MySQL database. You will need to set up a database only for Ubuntu operating systems because on Windows or macOS, softwares like XAMPP or WAMP or MAMP will take care of that for you. Now to install MySQL database on your Ubuntu system please open a terminal and write this below code:
    sudo apt-get install mysql-server mysql-client libmysqlclient-dev
    But for a far more detailed instructions please refer to this tutorial;

j. To install phpMyAdmin on your system, you will need to run below command on your terminal:
    sudo apt-get install phpmyadmin
    But for a far more detailed instructions please refer to this tutorial;

k. In both cases you will be asked to set up MySQL database passwords for later use, so please choose something strong and save it for later use.

l. Now in your MySQL database, create a database according to your desired name and upload the sql file (database.sql) provided with the script for Ubuntu. And to do that you will have to login into mysql using your user name and password; Then you will need to run the below command:
    CREATE DATABASE <your desired name>; and then press enter. After that type *exit;* and that you get you out of the MySQL environment;

m. This time you will have to go the directory where the database.sql (provided with the script) file is and open a terminal there and run the below command:
    mysql -u <your MySQL username> -p <your created database name in the last step> < database.sql;
    But for far more detailed instructions please refer to this tutorial; This is how you need to import the database.sql file provided with the script to your mysql database.

n. If you have decided to install phpMyAdmin instead described in point 'i', you will need to visit your phpMyAdmin on the browser as suggested in the given tutorial and you will see the newly created database there. Click on it, find Import and upload the database.sql provided with the script and click Go at the bottom.
But for a far more detailed instructions please refer to this [tutorial](#);

o. Then go to application/config/database.php file to change your database configuration on line number 79, 80 and 81. You need to change database username, database password and database name that you had created during installation of MySQL or XAMPP or WAMP or MAMP.

p. Finally, change the entire folder permission of uploads to 777. To perform this action you will have to open the root directory of the application on a terminal. Here root directory suggests to the directory of the script where application, assets,...,uploads are on. Then you will need to run the below command:
sudo chmod -R 777 uploads/

q. Now please visit http://localhost/<folder name created on step d> and you should be able to see the login page of venus script.

2. **cPanel**

   a. In your cPanel Home create a database by visiting DATABASES -> MySQL Databases.

   b. In that page you will first create a database. Then create a user with password. And please keep all three (database name, user name, user password) information somewhere safe for further use.
   But for a far more detailed instructions please refer to this [tutorial](#);

   c. Now add the created user to that database. Give all privileges and we are done here. Go back to the Home page of cPanel.

   d. This time you need to visit DATABASES -> phpMyAdmin. It will take you to a different page but you will see the newly created database there. Click on it, find Import and upload the database.sql provided with the script and click Go at the bottom.
   But for a far more detailed instructions please refer to this [tutorial](#);

   e. Now upload all the files (i. e. application, assets, system, uploads and all other files) from inside the venus folder into public_html directory which you will find by visiting FILES -> File Manager or you can create a folder in that public_html directory of your desired name and upload all files from inside the venus folder into that newly created folder.
   But for a far more detailed instructions please refer to this [tutorial](#);

   f. Please keep in mind that .htaccess file is a very important file. It is inside the root directory (venus folder). Make sure that you have that file copied and pasted properly.

   g. Then go to application/config/database.php file to change your database configuration on line number 79, 80 and 81. You need to change database username, database password and database name that you had created during creating your database in step b.

   h. Now please visit [http://<your domain name>](#) or [http://<your domain name>/](#)<folder name created on step e> and you should be able to see the login page of venus script.

Support

Please email for any kind of support t1m9m.com@gmail.com
Thank you for buying the script.

Frontend - Alumni Website

a. Home

Welcome to the Venus Home page. The Home page will direct you to all the important sections of the website. On the top left is the institution's contact number, while on the top right is your login option. Volunteers can also sign up on this page by submitting the required information. There is an About Us section on the Home page. Additionally, you can see the most popular Stories and upcoming Events on this page. You can also see the most recent pictures added to the Gallery as well as the thumbnails of some of our Alumni members' profiles which you can view after you have created an Alumnus account.

b. Login

If you've clicked on Login, from the home page, you will be directed to the Login or Register page. If you have not yet registered as an Alumnus, here you can create an account by submitting the necessary information and checking the box that declares you understand all terms and conditions. After you've created an account, your profile will be reviewed and accepted by the admin, upon which you will receive a password through email.

On the left of the page, you can log in either as a Volunteer or as an Alumnus with your provided email address and the password that you have received through email.

c. Alumni

Once you have logged in with your email and password as an Alumnus, you will be directed to your profile, where you can view and edit details by clicking on Edit Profile. You can also add links to your Facebook, Twitter or LinkedIn page so more people can connect with you. Now that you are logged in, if you click on the Alumni option on the top of the page, you will see a new page with the list of all existing Alumni profiles. You can click on any of the profiles to view details and to connect with the members. It is to be noted that only a registered Alumnus can view the profiles of other Alumni members.

d. Chat Room

Chat room is sort of like a hangout place for all the alumni. Only alumni have access to this chat room. After a successful login an alumnus can chat with batchmates or fellow alumni. There is no module in the admin panel for this. It only exists on the alumni website. After the login alumnus chooses to visit this page, he/she will see a dropdown selection of different

batches or All. After selecting and submitting alumni will see all alumni in that particular batch and all alumni depending on the selection. Then they will be able to chat among themselves one on one.

e. Donation

This is a new feature that has been introduced. On the alumni website after a successful login an alumnus can make a donation to the alumni association fund on some predefined causes. It's more like a donation request. The request will be visible in the admin panel and depending on the status of the donation made, Admin have the power to make the donation valid or not.

f. Events

Next, if you click on the Events page, you will find a list of all the upcoming events with their respective dates. Click on any event and you will be directed to the event's respective page with event details, time, location, event hashtag, and a map leading to the location. At the bottom of the page you can also RSVP.

g. Stories

After you click on the Stories page, you will find Stories written by Alumni members, with the most recently published appearing at the top. On the left side of your Events page is your Archive, which is a list of all published stories, organized chronologically. You can click on any story to read the full article. At the bottom of each story, there is a comment section. You can leave a comment that will be published upon gaining approval of the admin.

h. Gallery

You can go to the Gallery page to view photographs of events that have been organized into separate albums. You can click on any image to enlarge it.

i. Volunteers

Volunteers, after signing up on the Homepage, will receive a password via email after being approved by the Admin. Once they have logged in as a Volunteer, they will be directed to their account, where they can view and edit their personal information. They can change their password after providing their current password. They can also view the Events that they have been assigned to by the admin.
A volunteer can view all the pages except Alumni profiles. A volunteer also cannot comment on stories or RSVP to any event.

j. Notice Board

The notice board is accessible to everybody to inform them of important updates.

k. Contact Us

Go to the Contact Us page to find all contact details. On the left, you will see the address of the institution, while on the right there is a map to help you find the location of the institution. At the bottom of the page, you will see that you have the option of leaving a message for the admin. Just type in your name, email address and intended message in the appropriate boxes and press Send a Message.

Backend - Admin Panel

a. Dashboard

After logging into the Admin panel with User ID and password you will be taken to the Dashboard. Here you can see Total Alumni, Total Slides, Total Stories, Total Events, Total Messages, Total Volunteers, Total Notices, and Total Albums. You can click on any one of these to view in more detail.

On the top right corner, you can click on the Admin icon and you can directly go to Inbox, Website Settings, Admin Settings or you can Log Out. On the right side of the page you have your Navigation panel.

b. Alumnus

If you click on Alumnus on the Navigation panel, you can choose Add Alumnus or Alumni. The Add Alumnus page lets the Admin add new Alumnus members by filling in the necessary details and then clicking on Add. The Alumni page contains the lists of all existing Alumni members as well as those Alumni who have registered, but are still pending the Admin's approval. From this page, the Admin can view all the members' details and contact information, as well as their status. The Admin can edit this information and can add new members by simply changing their status to Active. The Admin can also remove members from the list of Alumni simply by clicking on the Remove option. There is also a search option that can be utilized to look up individual Alumni members.

c. Slider

Next, we have the Slider. The Admin can view, change, show/hide, or remove any of the images from the Slides list. The Admin can also add new Slides to the home page simply by clicking on the Add Slide page and uploading the desired image. The specific dimensions required for the image have been mentioned.

d. About Us

From here, you can view and edit the About Us section on the Home page of the main website. On the left you can add the Title and Description as you want it to appear in the About Us section. On the right, you can upload any image you want of specific dimensions and just click Update.

e. Event

If you click on Event, you will see three more options:

Add Event - This page will let you create new Events. You only have to fill out a form with important details like Event title, venue, date, time, hashtag, permalink. You can also upload an image for the event and include a map giving directions to the location of the event. You can add a description of the event as well. After completing the form, just press Submit and the new event will be added to your Events page.

Manage Events – Your Manage Events page will show you a list of all the events you have created, along with the members' RSVPs and the number of volunteers that have been assigned to each event. You can click on the number corresponding to the number of Volunteers beside each event name and view their names and contact details. You can also press the edit option to add or remove more volunteers. To add volunteers, just type in their name and to remove volunteers, just click on the cross next to their name. After you have made changes, press on Update.

Events – The Events page contains a list of all the events that have been successfully added with their date, time and venue, as well as the date on which the event was created. Click on the + sign next to the name of the event to view or edit details, change the event image or to remove the event from the list.

f. Story

From Story, you can either go to Add Story or Stories:

Add Story – Here you can add new stories. Just fill in the form with the required details like the Title, Permalink, Story Image, Author Name. Then type the story into the Paragraph boxes and click on Submit.

Stories – You will see a full list of all the stories along with their publication date, permalink, author name and number of times it has been viewed. You can view and change any information as well as the story image. You can also remove the story from the list by clicking on Remove.

g. Comment

In the comments page, you will see all the comments made by the Alumni, along with the name of the Story commented on, date of comment, name of commentator, and the status of the comment i.e. approved or pending. Click on the + sign on the left to read the full comment, then click on edit and select Approved or Rejected, then click Update.

h. Gallery

Add Album – Go to Add Album from Gallery to create a new album or to update an existing album. On the left side of this page, you can create a new album. Just type in the Album title and a description for the album in the boxes, then click on Add. Next, you will be able to add photos to this album by clicking on the Add image icon. You can select these photos from your computer, click on upload, then select Finish. You will be able to see these images on your right. To remove an image, just click on Remove on the right of the image. Or look for a specific image in the Search box by typing in the image name.

Albums – If you come to the Albums page from Gallery, you will see a list of all the existing albums: the titles, descriptions, number of photos and the date of upload. You can click on the number of photos to see the images added in the album. You can also click on the + sign on the left. Then you will see the option of Edit or Remove. Press Edit to modify the Album Title and Description, then click on Update. Press Remove to delete the entire album.

i. Volunteer

Add Volunteer – The Admin can add new Volunteers by filling out the form on this page. You have to provide information like name, username, email, password etc. Then click Add and an automated email will go to the Volunteer that will contain his/her username and password. The Admin can type in any password that they wish or click on Generate Password below the password box to automatically get a new one.

Volunteers – The list of all Volunteers, along with all their information, can be found on the Volunteers page. The + sign on the left of each name will lead you to two options: Edit and Remove. Press on Edit to make changes to the Volunteer's information. Also, after a Volunteer has registered, they will appear in this list with their Status showing Pending. To add the Volunteer, the Admin would have to click on Edit and change the Status to Active, then click on Update. To remove the Volunteer, just click on the Remove icon.

j. Notice Board

Go to Add Notice to create a new notice. Just type in the heading and content in the Title and Description boxes respectively, and then click on Add. The Notices page contains all the Notices. Click on the + sign to view the full description and the date on which it was

posted. You can also change the notice by clicking on Edit, or you can delete it by clicking on Remove. You can also look up specific notices using the search box.

k. Donation

In this module admin can see all the donation requests made by different alumni. Admin has the ability to fact check whether the donation has been actually made or not. Depending on which Admin can change the donation's status. Admin can also add different purposes of donations for the alumni to choose from. The purposes can be in the active or disabled state.

l. Contact Us

There are two Contact Us forms on this page. The Part 1 form on the left contains all the contact information like Telephone number, Address, Association, name and Email, as well as a Description. You can change these details at any time and Update them. The form 2 on the right pertains more to contact through social media. Here you can add links to Facebook, Twitter, LinkedIn, and YouTube. You can also add a link to a Google Map. You can of course also update these details as you wish.

m. Message

On the Messages page, you will find a list of all the Messages sent to the Admin, sorted by date. You will also be able to see the name and email id of the sender. On the right, if you press on Show Message, you will be able to read the whole message. You can also search for messages by typing in keywords in the Search box.

n. Settings

Under Settings, you have four different kinds of Settings:

Website Settings – From this page, you can update the Website Title and Admin Title. You can change the Copyright name and URL that appears at the bottom of every page. You can also change the Contact number that can be seen on the top left corner of the website. Make the necessary changes and click on Update.

Logo Settings – Go to the Logo settings page and you will see three forms.

On the left you have your favicon. You will be able to see a preview of your current favicon. If you want to change it, you simply have to click on Add image, select the image of your choice, and then Update.

In the middle, you have the form for your header logo, which appears alongside your Website Title on the top left of every page. Finally, the form on your farthest right pertains to the footer logo, which appears on the bottom right of every page. You can similarly preview or update these images as well.

Login Background Settings – Next you can change the background image that appears when the Admin is logging in. Just press Add image, select a picture of your liking and Update.

Admin Settings – Finally, we have our Admin Settings. On this page, you have one form that you can use to change the email id, or create a new password. You must give the existing password before you can change it. Click on Update to save your changes.