Sageframe

www.sageframe.com

Document Version: 3.8
Last Updated: March 14, 2016
Category: Product Manual

SAGEFRAME 3.8
USER MANUAL

This manual covers the complete documentation on how to install, configure and deploy SageFrame.

SageFrame is an open-source CMS that provides high level of security, optimization, extensibility, scalability and flexibility with the use of tools and technologies like Modular Architecture, Fluid Grid System, Content Delivery Network, and much more.

Table of Contents

What is SageFrame?

SageFrame is an open source ASP.Net web development framework developed on top of ASP.Net platform. It is a standard-based Web Content Management framework for the creation and management of dynamic websites. It can deliver targeted content, track behavior of visitors and maintain mission critical sites with simplicity. SageFrame provides both small and large enterprises with the tools they need to be successful on the web today.

Moreover, SageFrame is loaded with professional features from the likes of Content Delivery Network, 100 Fluid Grid System and Adaptive Web Design to name a few. SageFrame can be enhanced by additional products, enabling developers to quickly be productive and solve typical customer scenarios. The template projects included with SageFrame come with documented source code to jump-start projects and help the developer rapidly learn best practices during all aspects of web application development. SageFrame reduces the ongoing costs of managing and distributing web content to large audiences, while at the same time drastically reducing one-time setup costs and overall time-to-market.

Why should I use SageFrame?

SageFrame is an all-in-all solution to cater your core business needs. Be it in the form of premium templates and modules, full-cycle support service or all advanced features in one technical and business needs addressed, SageFrame servers the only alternative for your overall business growth. SageFrame uses the state-of-the-art technology incorporating the latest innovations in digital frontier.

When you need to build a web application, you usually have some business functionality in mind but there is always a certain amount of web plumbing that needs to be implemented for things like navigation, authentication of users, security & roles and other things that are needed to support most kinds of business application logic.

After building many web applications, you realize that a certain amount of this plumbing you have to write over and over for each project. Most projects don’t allocate much development time for these things and you end up doing things the quickest way rather than the best way. Business stakeholders often can’t be bothered with technical details, they want to see results quickly and they tend to judge the success of the product/project by how attractive the user interface is. So the developers are really the only ones who are going to notice the elegant design of the plumbing and often little emphasis is put on the elegance of the design.

SageFrame Overview

From an end-user's perspective, SageFrame is a Content Management System. What the users end up seeing is an environment for them to add and manage content easily. SageFrame has an interface that is inconsistent and functionality that works same across multiple pages. All of these are applicable for building your web applications as well!

By accepting SageFrame as an architecture for your web development, you not only gain benefits of architecture that has an ease of maintenance but you also gain the ability to create and share modules or user modules contributed by its community. The modular architecture of SageFrame powers you to plug and play with modules into the CMS to make it do different things.

SageFrame's advancement from community edition to professional level's main focus has been to improve the consistency and functionality of our CMS framework.

SageFrame for Different Groups of Users

Coding Architecture aimed for Developers

(SageFrame enables easy module development with minimum programming knowledge. Modules publishing and packaging it integrated and jQuery can be seamlessly integrated throughout.)

SageFrame is an open source ASP.Net web development framework developed using ASP.Net 4.5.1 with service pack (sp1) technology. It is designed specifically to help developers build dynamic websites by providing core functionalities common to most web applications. SageFrame has following features specifically targeted to developers.

- Rapid web site development with minimal coding.
- An intelligent platform for Business application support.
- Open extensible architecture enabling developers to build their own modules.
- Full control over HTML code
- Highly customizable design
- User and SEO friendly URL management
- Authentication and role based security feature
- An active developers' community
- Reusable and easy coding pattern for modules
- Modular architecture

- SMTP configuration
- List Management
- SQL Analyzer
- Event Log
- Scheduler

Visual Layout Prototype focused for Designers

(SageFrame comes with every tool that a designer needs to have in order to customize and enhance the overall aesthetic looks and feel of a site.)

We have developed SageFrame, an open source web design application with resources that a web designer needs for rapid website development. You can start using SageFrame instantly without depending heavily on documentation. SageFrame includes following features for designers.

- You can accomplish remarkable amount of customization without depending on developers.
- SageFrame comes with a user-friendly template manager and an online template editor.
- Templating is flexible. You can change the layout of each page individually.
- Folders are well-structured in SageFrame that helps designers easily locate and edit them.
- CSS, XML, JS and image files are easily editable from Admin section.
- Layout design in SageFrame is XML based.
- Installable Templates
- Insert Template and Data
- Fluid Grid System
- Adaptive Banner Design

Web Development Model Centered for Site Owners

(In order to facilitate rapid web application development, SageFrame comes with an easy set up procedure, user-friendly layout and an attractive interface.)

SageFrame is focused for site owners. Our main goal is to enable even a novice to build an effective, efficient and secure website in a minimum amount of time. You can customize

SageFrame as per your needs and requirements. If any problem arises, there is a dedicated support team behind SageFrame. The following features ensure that web application development is easy in SageFrame.

- WYSIWYG editor that ensures you can edit the final document without editing the source code of your document.
- Built in modules such as blog, RSS feed and banner simplify web site building process.
- One click menu and page generation feature handles menu and page generation without having to write HTML code.
- Template selection feature which helps you to customize the looks and feels of your website is just a click away.
- SEO optimized with features like ability to set title, Meta tag and keyword on each page.
- Is flexible enough to cater to various purpose websites.
- SageFrame installation wizard makes installation possible on a single click.
- Database creation right from the frontend.
- Dashboard Information Panel
- Plug and Play Modules
- Module Management
- File Manager

SageFrame Highlights

Single Click Install

SageFrame installation wizard is now adorned with single click install allowing users to create database from the front-end and set permission on file/folder with a click on check boxes. Ability to choose a default template from great looking template to suit the nature of your business adds to the feel and functionality of SageFrame CMS single click install.

Customizable Dashboard

Dashboard of SageFrame is a configurable area where you can select a set of pre-configured portal details and customize & personalize the page. By default, dashboard encloses SageFrame C-Panel, Page Help, Welcome Screen accommodating the product tour, video tutorials & other resources and Collapsible Multimode Sidebar that are totally customizable. It also powers you to control every module with great assistance from dashboard itself making it effortlessly user-friendly.

Templating

SageFrame is easy to theme and totally flexible; it lets you customize each page layout without any restriction.

- XML Layout
- Multiple Layouts
- Supports handheld devices
- Dynamic Positions
- Changeable Layouts and Themes
- Drag and Drop modules

Page Management

SageFrame's robust and flexible page management ability powers users to manage admin and portal pages from the same place.

- JQuerified Page Management
- Create pages and assign modules
- Manage admin and portal pages from the same place
- Set page permissions from **Pages** tab itself

- Reorder pages through drag and drop
- Include page in menu directly at create-time
- Easy management of page hierarchy settings

Module Management

SageFrame is completely modular in architecture; can't find a module to suffice your needs? You can always create a module and add it to SageFrame!

- Template based wireframe with modules.
- Change module positions easily by drag and drop.
- Inline module editor
- Manage module for admin layouts and handheld devices from the same place.
- Customize each page with various modules.

Menu Manager

Menu Manager in SageFrame itself is a separate module that can be set portal wise and styled in multiple ways.

- Choose from multiple menu types such as horizontal menu, CSS menu, footer menu and so on.
- Build a menu and out of admin pages for admin purposes.
- Set up portal-wise menu
- Pages now are a part of menu
- Include external links and custom HTML content into the menu as well.
- Customizable menu
- Multiple menus on a single page.
- Use independent menu

SEO Extension

SageFrame CMS framework itself is SEO friendly and SEO extension in the latest version only adds to the easiness of managing your content management website.

- Set up Google Analytics.
- Generate XML sitemap and submit to various search engines in the same go.

- Generate robots and submit to search engines instantly.

Module Message Manager

- Module Message Manager excels usability in SageFrame CMS by letting user customize messages displayed along with modules.
- Shows custom module messages in an information bar either at the top or bottom of the page.

Template File Manager

SageFrame's premier File Manager makes it possible to edit and upload files, create and delete folders from your SageFrame C-Panel itself.

- Easy Navigation
- Add new files and folders
- Supports inline file editing

Module Packager

Module packager is a utility that creates a SageFrame automatic manifest file in to a zip file. You can edit the manifest file before packaging and add any other files to the package that your module needs to work properly in a SageFrame environment.

Multi Portal Support

With SageFrame, you can create as many portals as you like and manage each portal individually. You can switch between portals of your choice and configure your portal settings accordingly.

Multi Language Support

This feature allows you to make your site multi-lingual. Install packages for the language you want and localize your SageFrame to any extent.

Visual Layout Control

This feature allows users to customize the web layout. The users are able to split, merge and rearrange the web layout as they wish to.

Open ID Login

This feature enables users to login into SageFrame without registering in SageFrame. Users can login to SageFrame using Facebook, Google+, LinkedIn and Yahoo ID. Login with OpenID allows you to be a registered user of SageFrame. You can then change the password associated with your OpenID login and use that credential for logging back into SageFrame without having to use OpenID account again.

Cache Maintenance

This feature allows to take control over the cache server. The cache memory can be cleared to flush out the useless data stored on the cache server from your local system.

Scheduler

The scheduler function allows users to assign particular tasks to be carried out at a specific time. The users can schedule a task that runs automatically in an allotted period of time.

Site Analytics

This feature tracks your site traffic based on the hits generated from a particular country, browser or page. It thus analyzes the popularity of your site based on the analytics generated.

System Event Start-Up

Events can be set up in priority order on system start. This feature sets the startup control at a given page position where the code logics like registering global variables or scripts can be initialized on that particular page load.

Template with Data

SageFrame users can customize their page by adding preset templates to their site. While adding such templates, the original data associated with the templates is also fetched. This saves time of rewriting data and gives a better user experience.

Responsive Design

With Responsive Design, anything that appears on your site can adapt itself into the screens of a wide range of devices, be it with texts, images, banners, illustrations, tables or whatsoever. Inbuilt RWD in SageFrame following the 100 fluid grid system can largely facilitate your mobile and tablet browsing experience.

Personalized Dashboard

Not only is your dashboard now customized with the control of every module by making it effortlessly user-friendly, but also it is now up by rearranging how the information appears to best suit your needs. SageFrame with its dashboard brings in an amazing feature to personalize your themes and positions of your dashboard.

Content Delivery Network

Content Delivery Network (CDN) in SageFrame enables you to bundle JS and CSS contributing to high availability and performance of the site. This feature as employed by SageFrame optimizes the speed with which the content is delivered to the end users.

Page Help

Page Help is a feature that guides you with the right work and function for every feature. This option is available on the top right side of every page where you can get a brief description of every module, feature or template that you come across.

Multi Parent Portal

Simply create a portal for each of the domain names and no longer pay several hosting bills for hosting your websites. SageFrame allows you to use a single hosting account for multiple domain names and display the content for each of your domain names from a single hosting account.

To-Do List

To-Do List is an amazing feature that SageFrame has for busy people. It helps you add a reminder to notify at the right time with the list of tasks that need to be completed typically organized in order of priority.

What's New in SageFrame 3.8?

Creating layout is an existing feature that has been made more dynamic than in the previous versions. This feature has been refurbished and made more flexible from the designer point of view. The designers can now create their own methods, layouts, duplicate containers and attributes. The layout looks easy and simple. Another change here is that the designers can visually see their output right where they work.

The second feature is editing template.css from web app itself. With the addition of this feature, the designers need not have to use other editors to open .css files. They can edit the templates and change color, font, size, etc. straight from the UI. All of this can be done right where the template is created and the result can be viewed instantly.

Installing SageFrame

System Requirements

Before you install SageFrame, you have to make sure that your system complies with the following system requirements.

Components	Requirements
Server-side Requirements (Any of the versions mentioned here)	• Microsoft Windows Server 2003, 2008, Windows Vista • Windows XP, Windows 7, Windows 8 • Internet Information Service (IIS) 6 and above • Microsoft .Net Framework 4.5.1
Database Platform (Any of the versions mentioned here)	• MS SQL Server 2008 and above ***Note:*** *If you are using SQL Server Express then you must also install SQL server management console.*
Supported Browser	• Internet Explorer 7 and above • Mozilla Firefox • Google Chrome • Opera • Safari ***Note:*** *JavaScript must be enabled on all browsers.*

Downloading SageFrame

1. Open http://www.sageframe.com on your web browser.
2. Navigate to **Framework>>Download.**
3. Click on **Download** button (Install Package).
4. You will be directed to CodePlex from where the download of a .zip package for SageFrame 3.6 will start instantly.

Running SageFrame

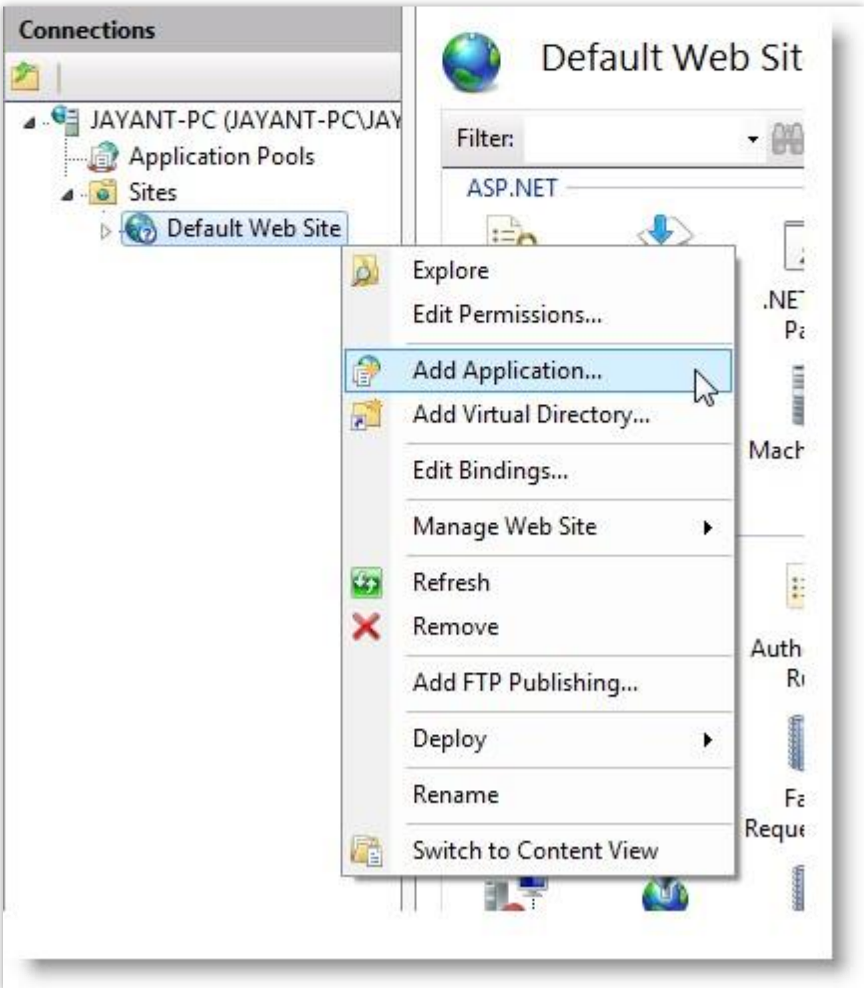
1. To execute SageFrame, unzip the file that you have downloaded.
2. Place the unzipped file in a desired drive or folder. For example, **E:\SageFrame.**

Set full access permission to the folder

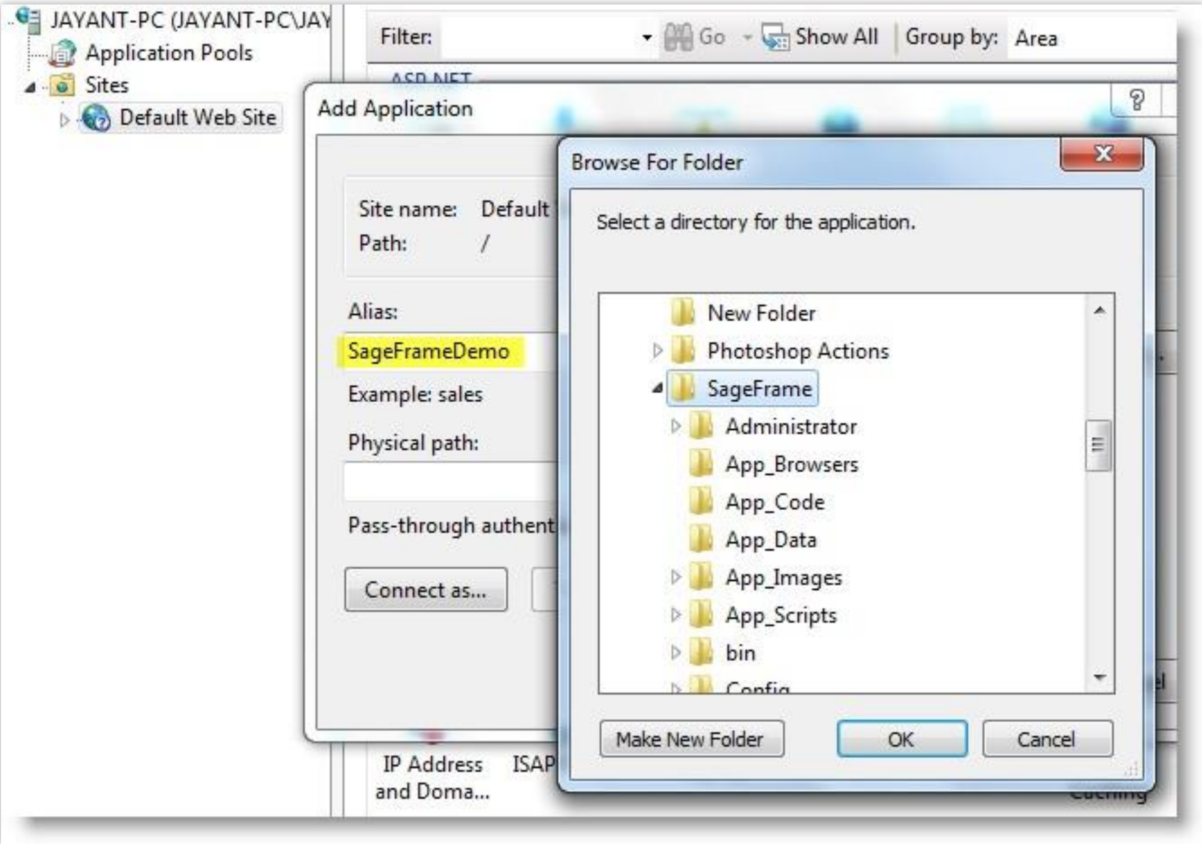
1. Right click on the root folder of your site (For example **E:\SageFrame**).
2. Click on **Properties>>Security.**
3. On the **Security** tab, you will see a list of users who have access to your folder.
4. Add the account and give it full control permission to **NETWORK SERVICES (for version below Windows XP) and IUSR & IIS_IUSERS (for Windows 7 and above).**

IIS – Adding New Application and Setup (Windows 7 or above)

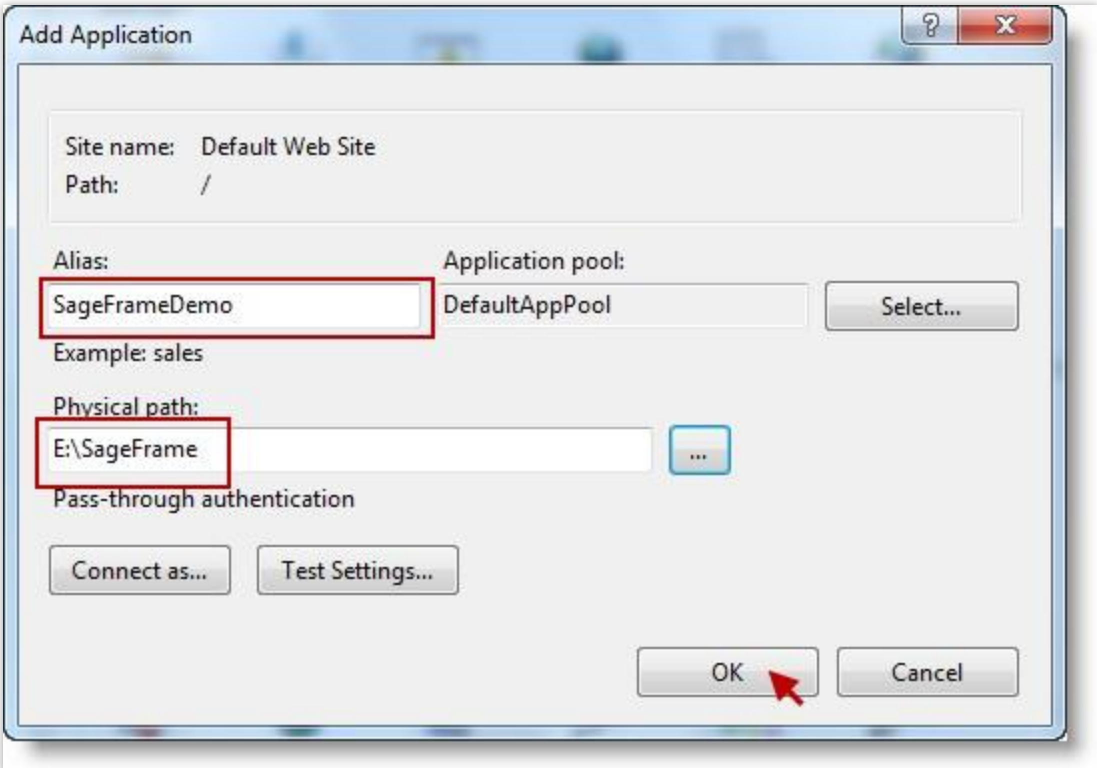
1. Click on **Start>Run** and type **IIS** or **inetmgr** and press **Enter.** The Internet Information Services (IIS) manager will start.
2. Right click on **Default Web Site** in **Sites** folder and select **Add Application** as shown in the image below.



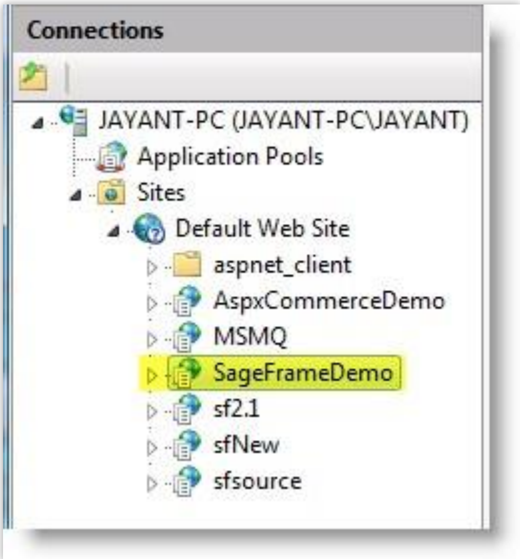
3. Enter the **Alias,** for example, **SageFrameDemo** and browse for the **Physical Path** i.e. the unzipped file of SageFrame. Click **Ok.**



4. Again, click **Ok.**



Note: *The* ***Alias Name*** *is listed in* ***Default Web Site.***



IIS – Adding New Application and Set up (Windows XP)

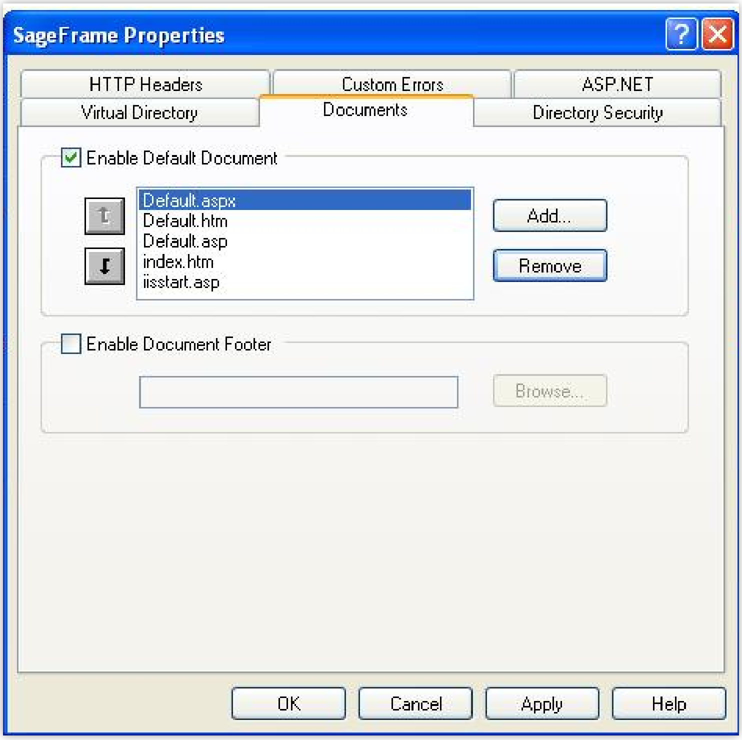
1. Click on **Start>>Run** and type **IIS** or **inetmgr** and press **Enter.** The Internet Information Services (IIS) manager will start.
2. Expand **Default Web Site.** (You can find IIS in **Start | Control Panel | Administrative Tools**). Right click on **Default Web Site.**
3. Click on **New>>Virtual Directory.**
4. Enter an **Alias – sageframe** (You can give the alias name of your choice).
5. Click **Next** and leave access permission as it is (Should be set to **Read/Run** script).
6. Click **Next** and **Finish.**

Now that a virtual directory is in place, you will need to modify its properties.

For this, click on **Documents** tab. Entries for default document needs to be added now.

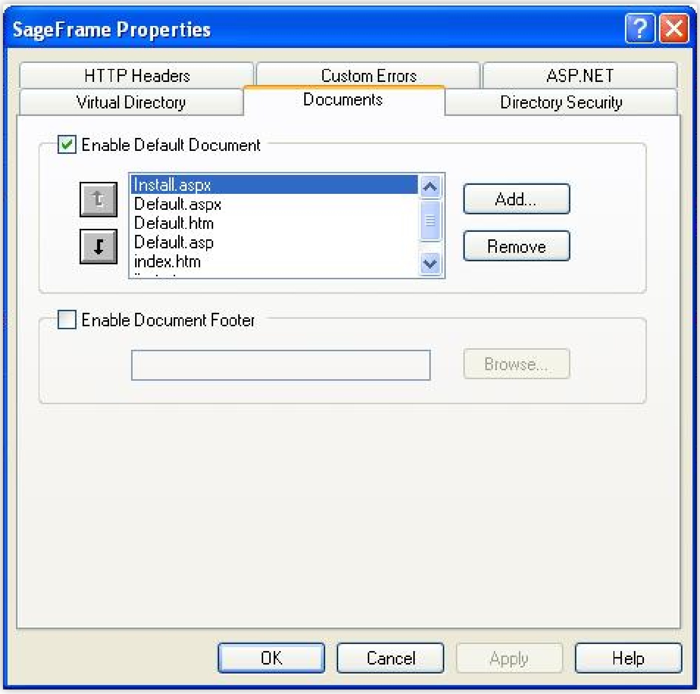
How to add a Default.aspx document

Add and entry for **default.aspx** and move it to the top of the default document list.



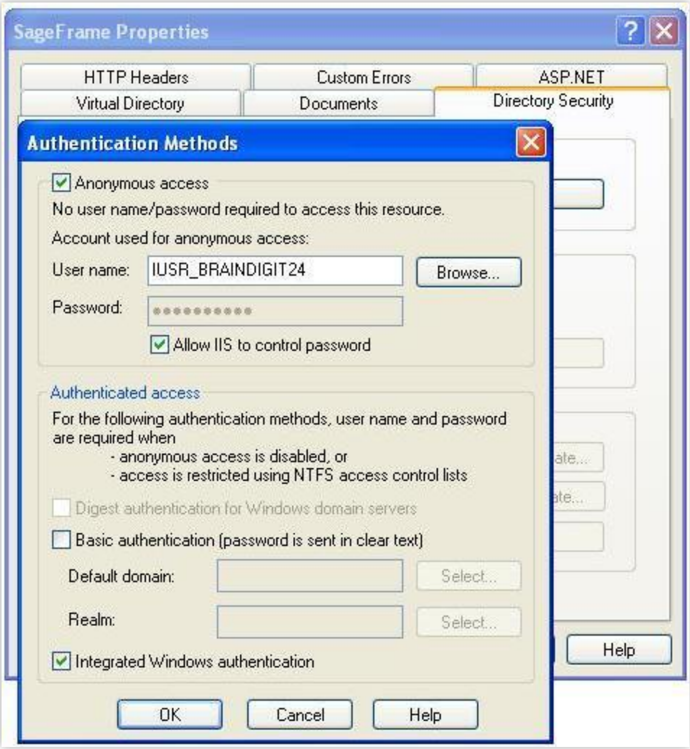
How to add an Install.aspx document

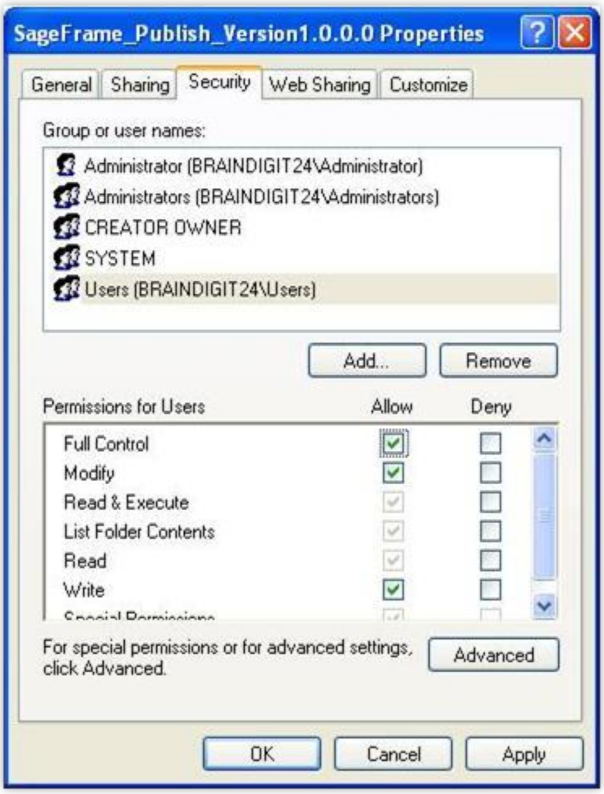
Similarly, add an entry for **install.aspx.** Move it to the top of the default document list.



How to set the security permission for the SageFrame installation folder

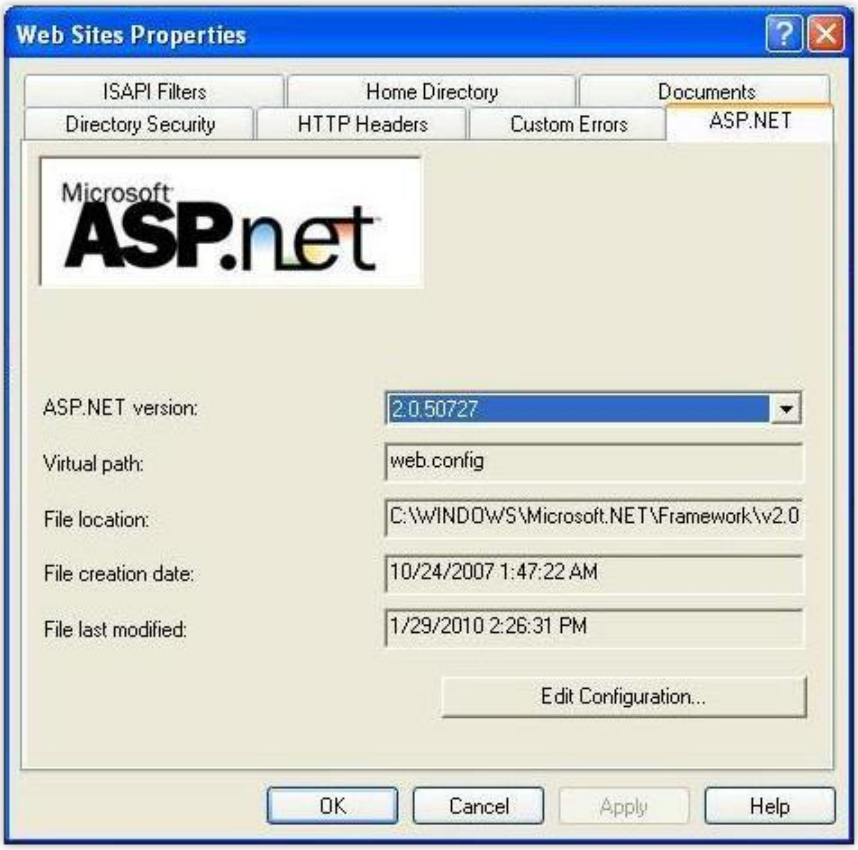
Click on the **Directory Security** tab. In the **Anonymous Access and Authentication Control** group box and click **Edit.** Make sure that **Anonymous Access** is checked as well as **Integrated Windows Authentication.**





Configure the ASP.NET version

Next, click on **ASP.NET** tab and make sure that **4.0** is selected for the ASP.NET version.



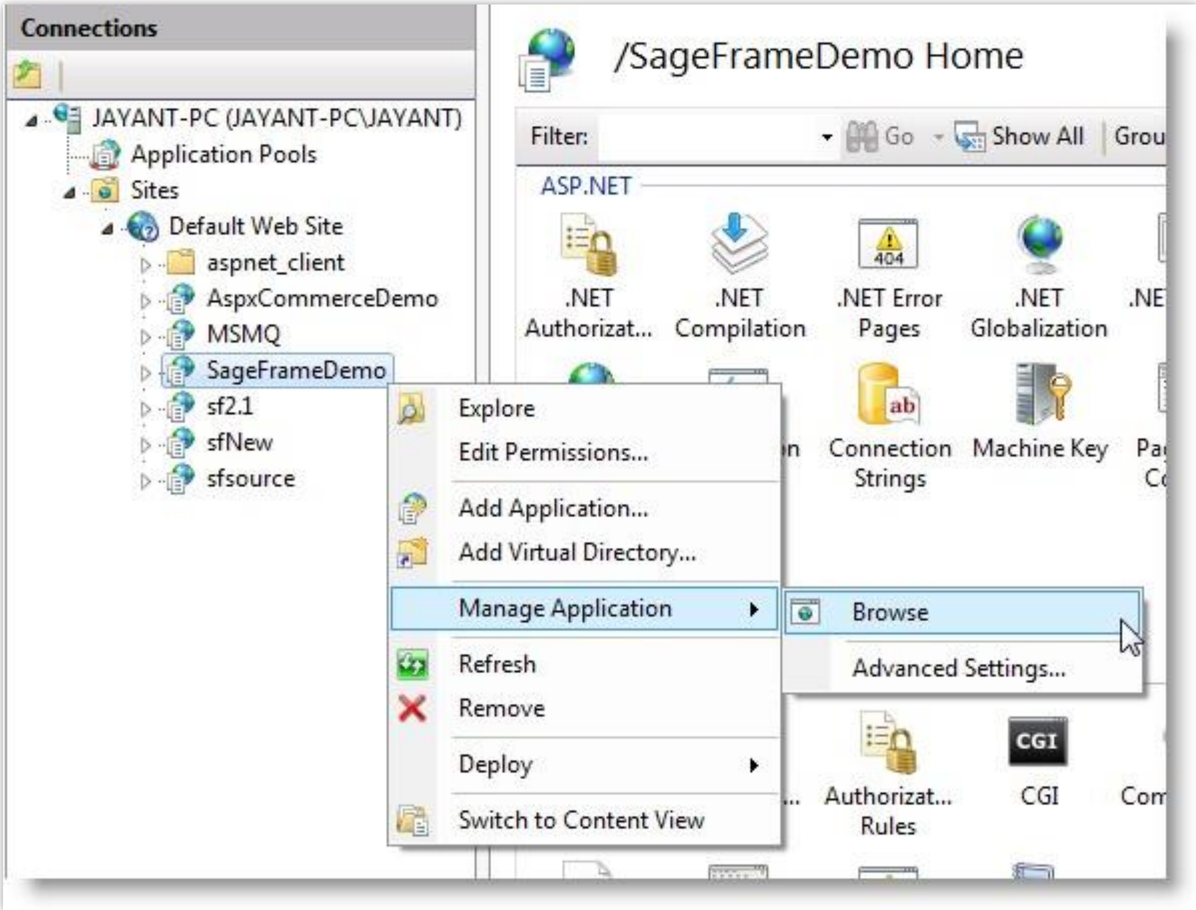
Click **OK** to save the changes.

Run the SageFrame Installation Wizard in your favorite web browser to complete the installation process

Now that all the prerequisites have been installed and configured we can start installing SageFrame. The next step to initiate the SageFrame installation is via a web browser. The install wizard takes over. In doing so, it creates tables and stored procedures in your database and adds the needed data rows to these tables to house your site. You will be prompted to test your folder's permissions and test the database connection.

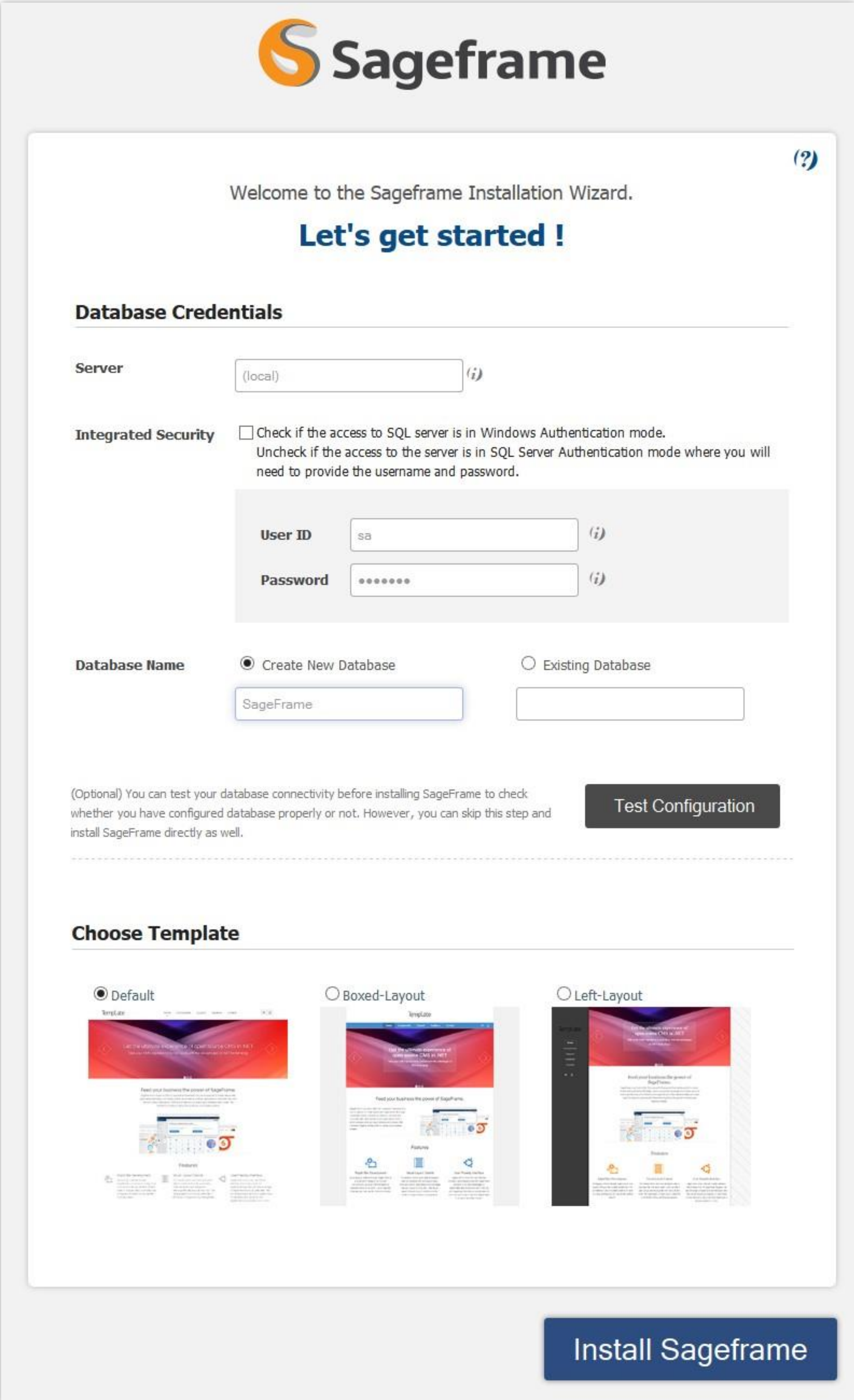
The precise step for installation of SageFrame is as given below.

1. Open web browser of your choice and navigate to http://localhost/SageFrameDemo/ (replace **SageFrameDemo** with the name of your Application alias) or right click on the alias name in Internet Information Services (IIS) Manager page and click on **Manage Application>>Browse** as shown in the image below.



2. If everything has been configured properly, you will be guided through an install wizard as shown below.

   For example, Local URL: http://localhost/SageFrameDemo/Install/InstallWizard.aspx


Sageframe
(?)
Welcome to the Sageframe Installation Wizard.
Let's get started !
Database Credentials
Server
(local)
Integrated Security
Check if the access to SQL server is in Windows Authentication mode.
Uncheck if the access to the server is in SQL Server Authentication mode where you will need to provide the username and password.
User ID
sa
Password
Database Name
Create New Database
Existing Database
SageFrame
(Optional) You can test your database connectivity before installing SageFrame to check whether you have configured database properly or not. However, you can skip this step and install SageFrame directly as well.
Test Configuration
Choose Template
Default
Boxed-Layout
Left-Layout
Install Sageframe

Before you move on with configurations, you can always click on the question mark sign **(?)** present at the top right to get handy information on installing SageFrame.

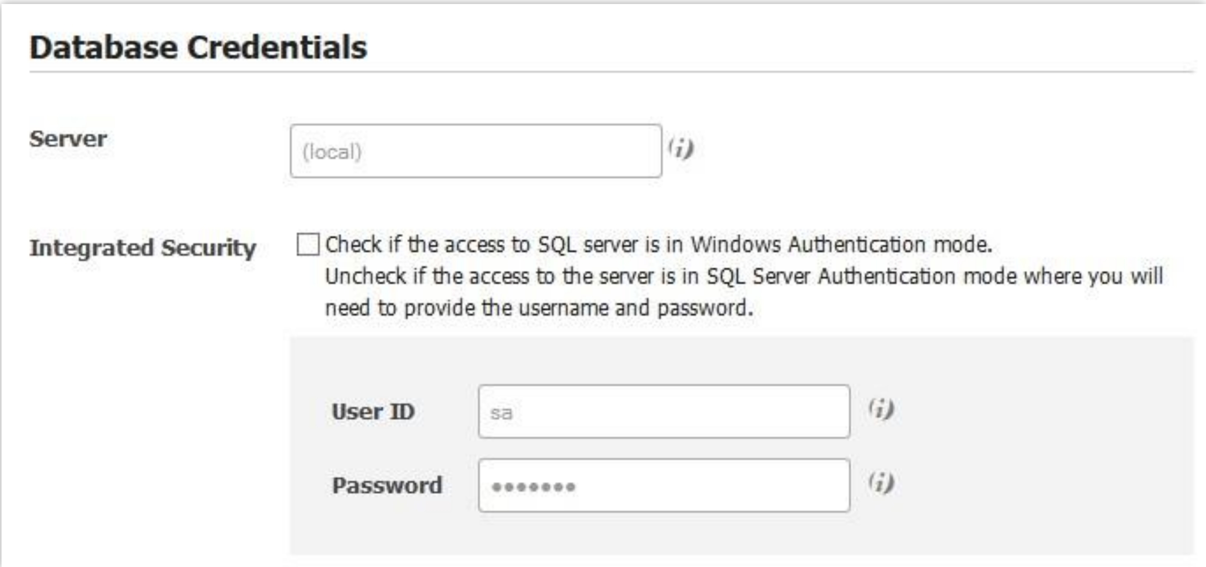
Database Credentials

Database Credentials consist of the following fields.

Server: Enter the server name or the IP address of the server where the database is located.

Integrated Security: Click on the checkbox only if the access to the server is in **Windows Authentication Mode.**

User ID and Password: Enter the user ID and Password of your MSSQL Server to access the database.



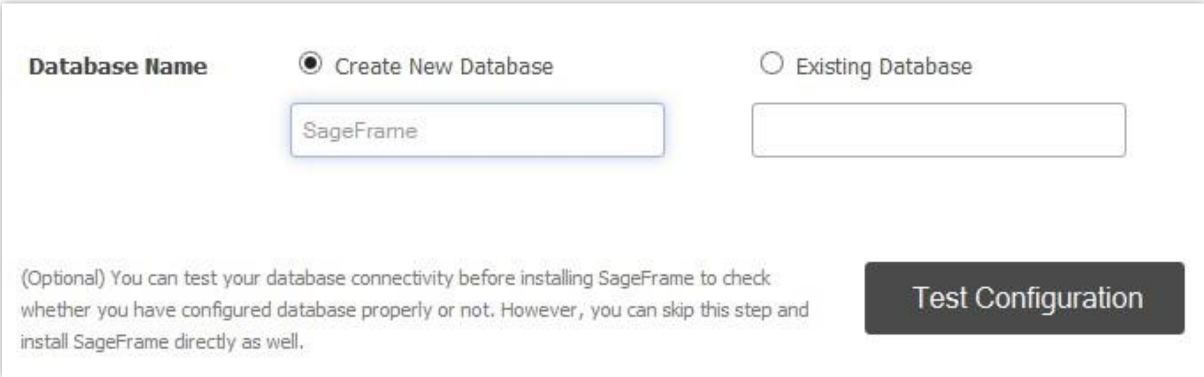
***Note:** Selecting **Integrated Security** will not display the **User ID** and **Password** fields instead **Database** field will be displayed where you will need to enter the database name. Refer the screenshot below.*

Database Name

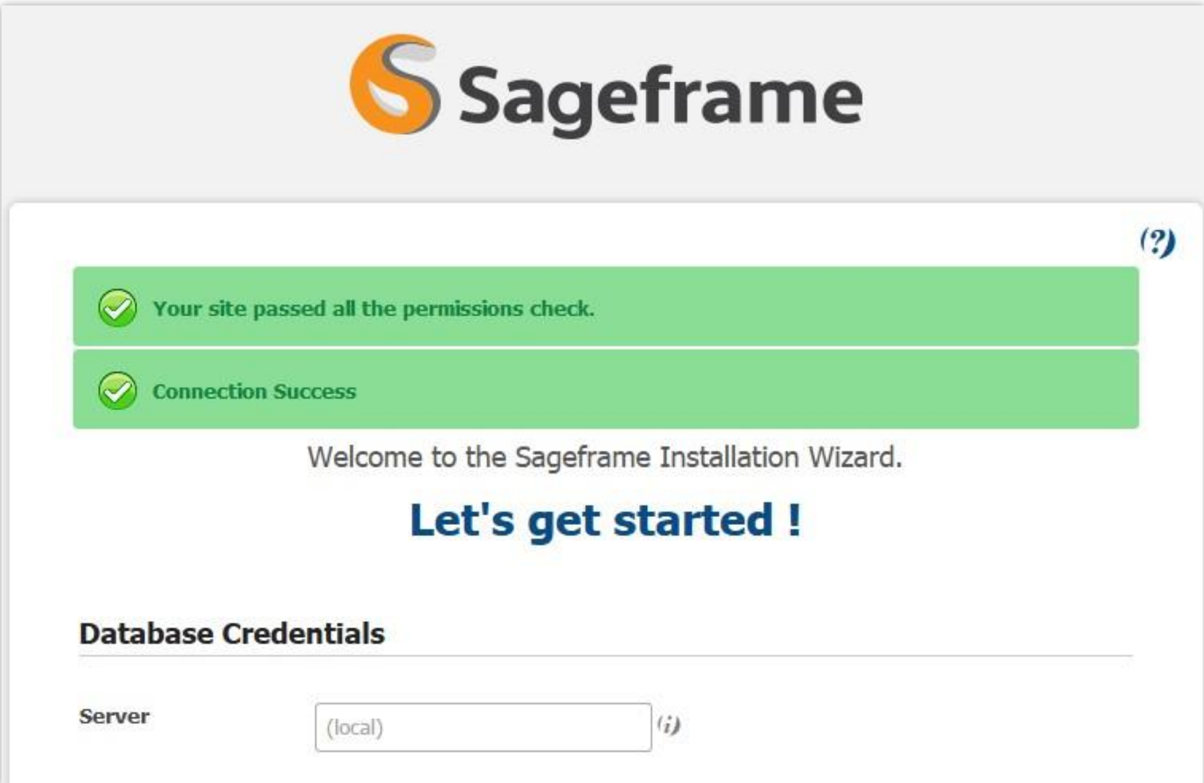
Database Name consist of the following fields.

Create New Database: Select and enter the database name. If you don't already have a database, set up or create a database for SageFrame use only.

Existing Database: Select and enter the database name if you have already set up the database (if you are to use the existing database in the server).

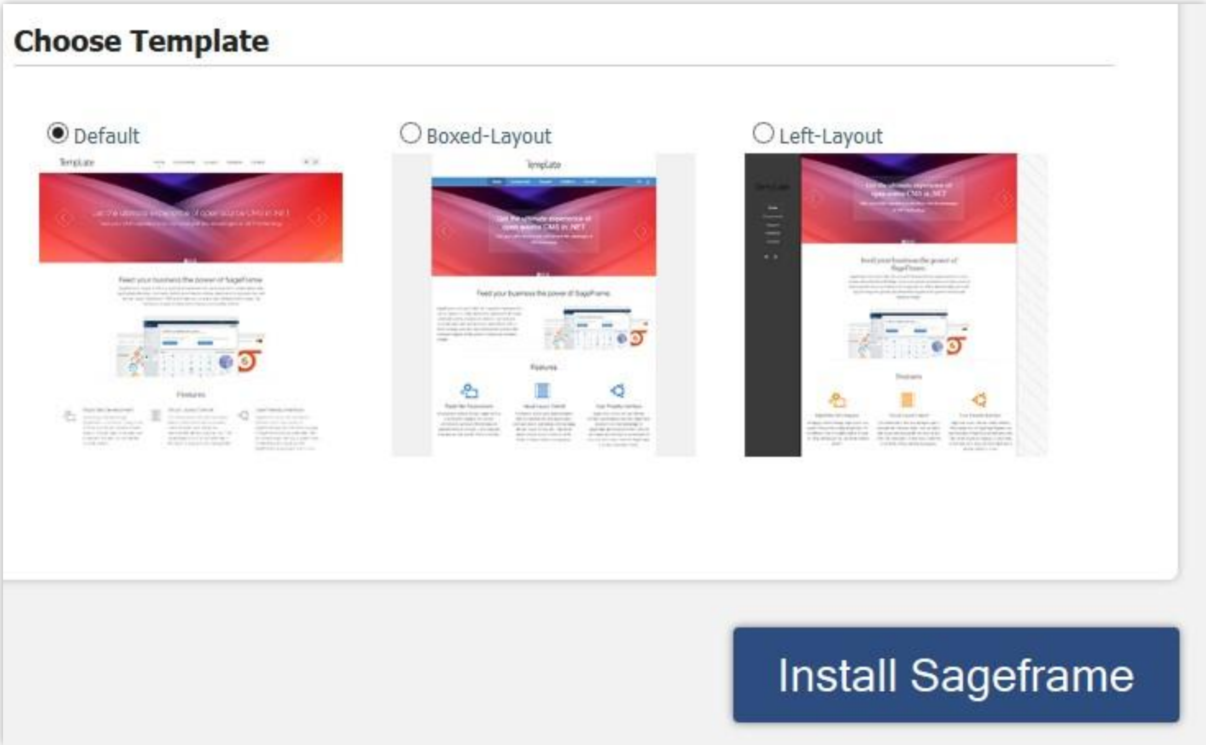


Test Configuration: Click on **Test Configuration** button to check that the current file permissions ensure that the features will work correctly and that database is properly configured. When the test succeeds, you will receive a message as shown below.

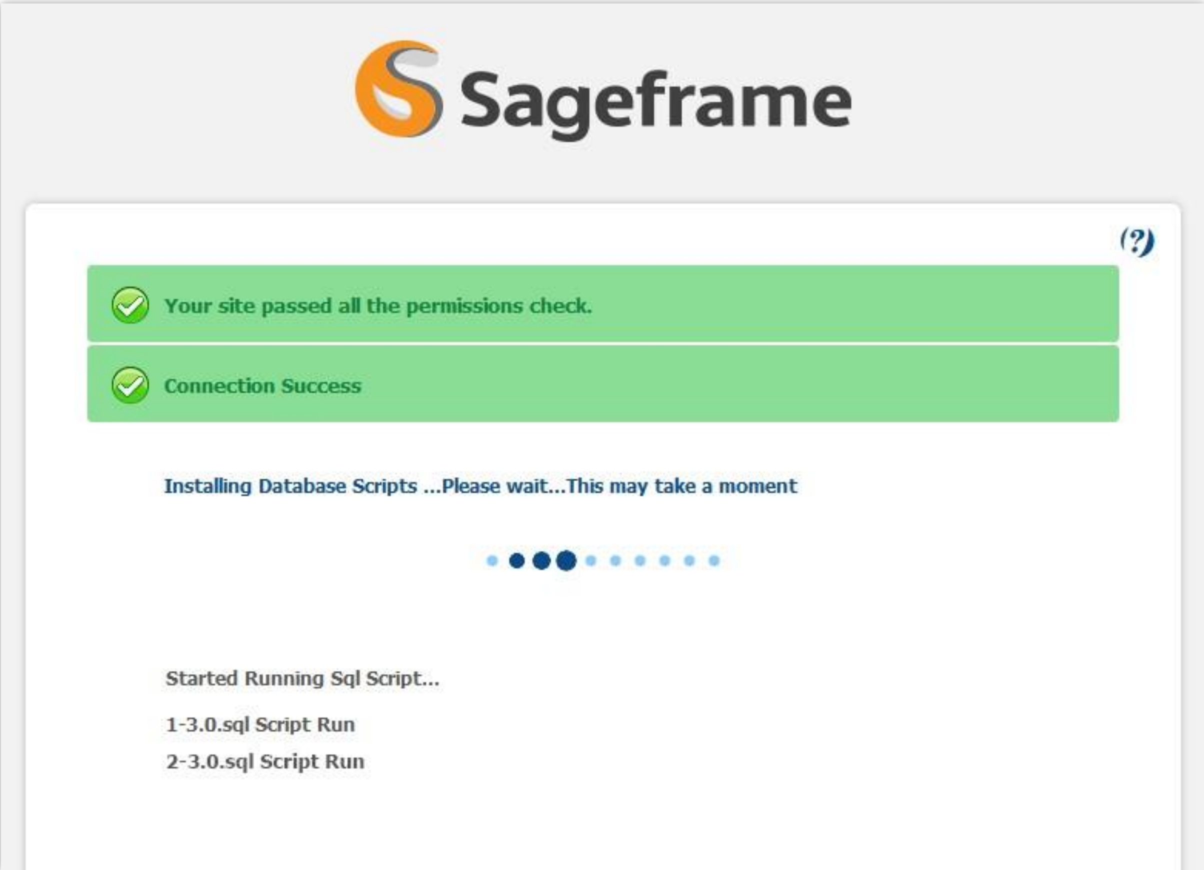


Choose Templates

1. Select the template that you want to use for your site. By default, SageFrame will select the **Default** template.



2. Once **Test Permissions** and **Database Connection** has been successfully passed, click on **Install SageFrame** button to run the script. The screenshot below gives a glimpse of how the installation takes place.



Once the installation process completes by running the **SQL Script,** you are then redirected to the home page of the selected template.

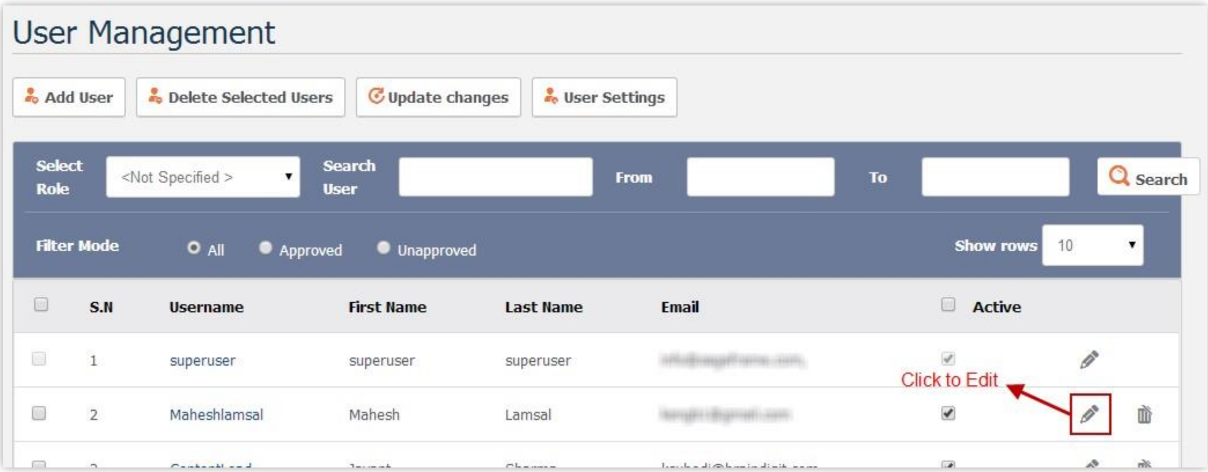
Changing Login

Login to the Dashboard using Username and Password as given below.

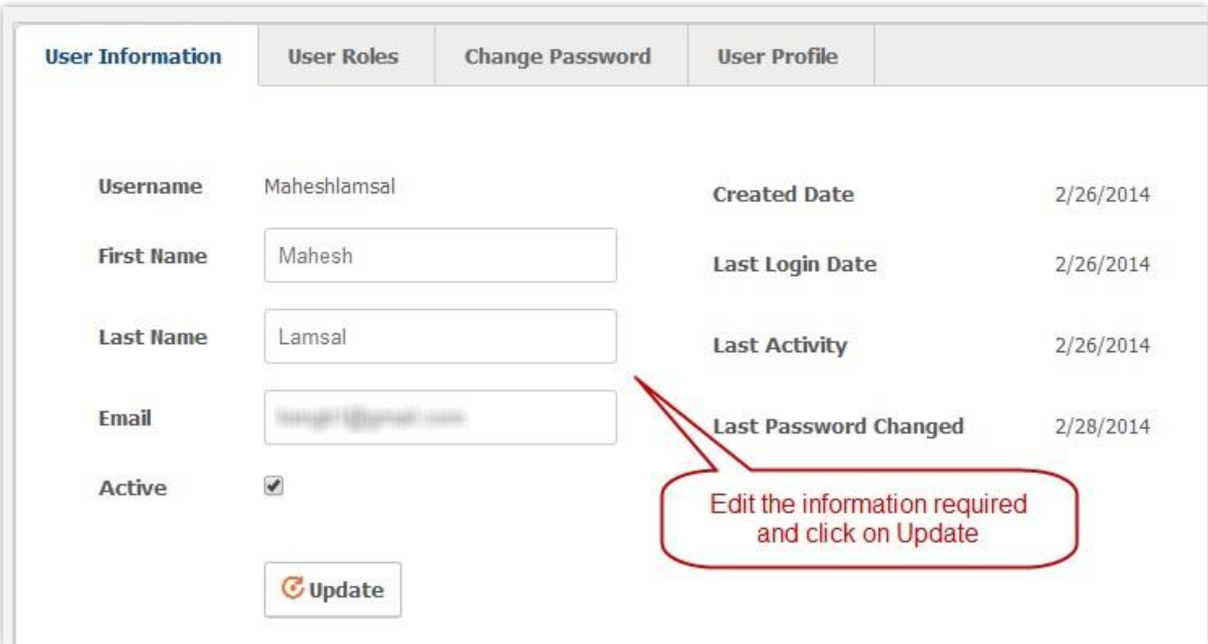
Username: superuser **Password: superuser**

Username: admin **Password: admin**

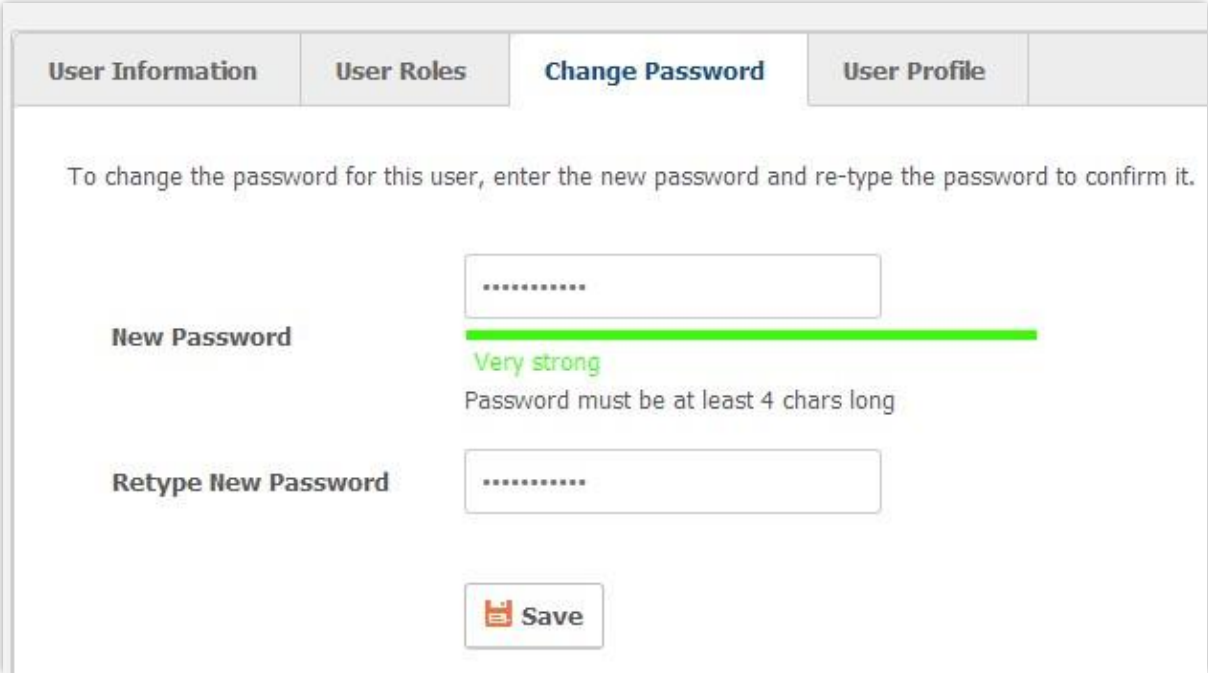
1. You can change the password by navigating to **Users** in the SageFrame C-Panel.



2. To edit the user info, click on **Edit** icon as shown in the image below.



3. Go to **Change Password** tab and enter the new password and **Save.**


User Information
User Roles
Change Password
User Profile
To change the password for this user, enter the new password and re-type the password to confirm it.
New Password
Very strong
Password must be at least 4 chars long
Retype New Password
Save

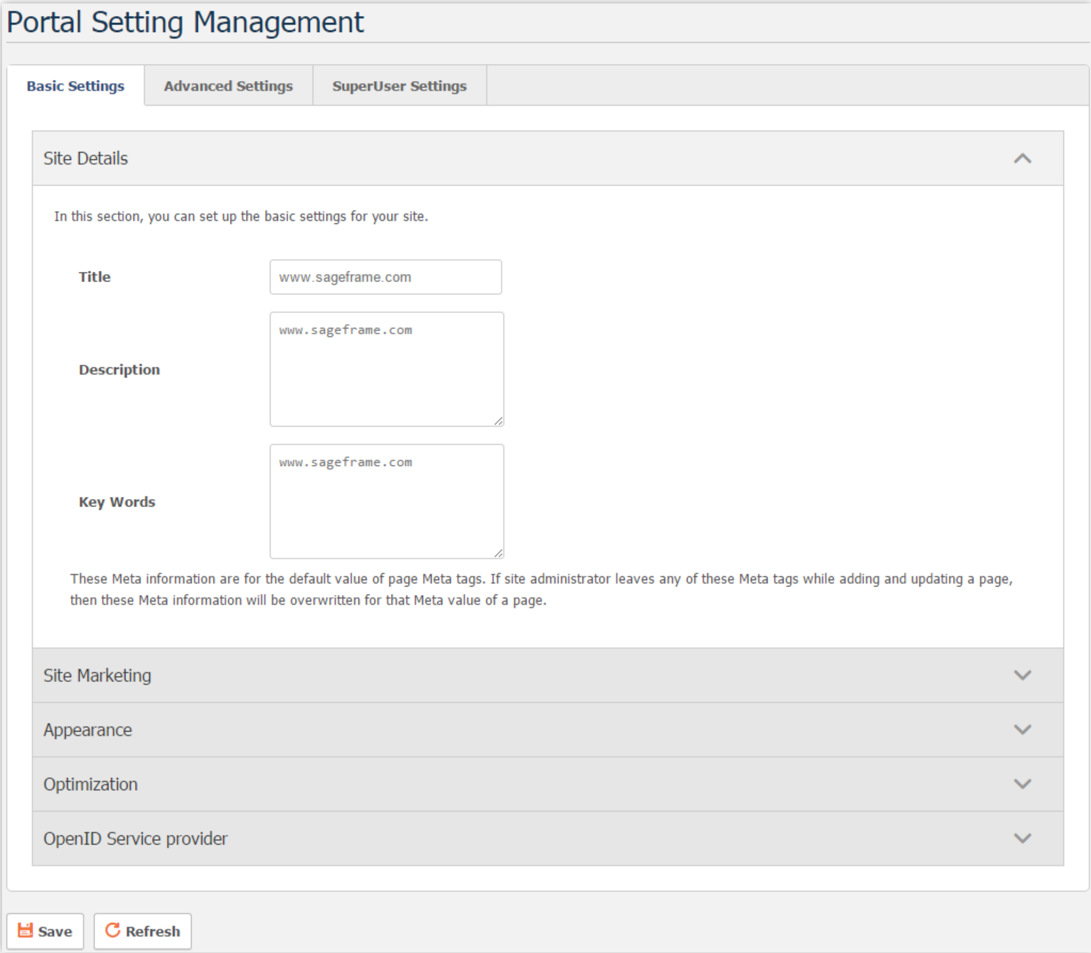
Setting up your Site

SageFrame site settings module enables the administrators and superuser to manage settings and tools for the portal. Administrators can configure basic and advanced site settings including design, site visibility, marketing, page settings, languages and time zone.

Why you should use it

- Improve the visibility of your site in search engine by making your website SEO friendly. Set the Title, Descriptive Meta Tag and Keywords.
- Inbuilt Google AdSense module. Earn revenue from visitors by displaying ads from Google AdSense advertising service in SageFrame sites.
- Change the appearance of the site by choosing the template of your site.
- Decide whether to allow site visitors to apply to become a registered user of the site. Choose the user registration type (None, Public, Private and Verified).
- Page Management enables administrators to easily modify the pages and customize the features to fit their needs.
- Set the default language, portal time zone and site email address.

To manage Site settings of your portal, click on **Settings** module on SageFrame **C-Panel** which prompts you with **Portal Setting Management** page.



Portal Management consists of three tabs:

Basic Settings

Advanced Settings

Superuser Settings

Managing Basic Site Settings

The **Basic Settings** tab further has 5 sections.

Site Details

Site Marketing

Appearance

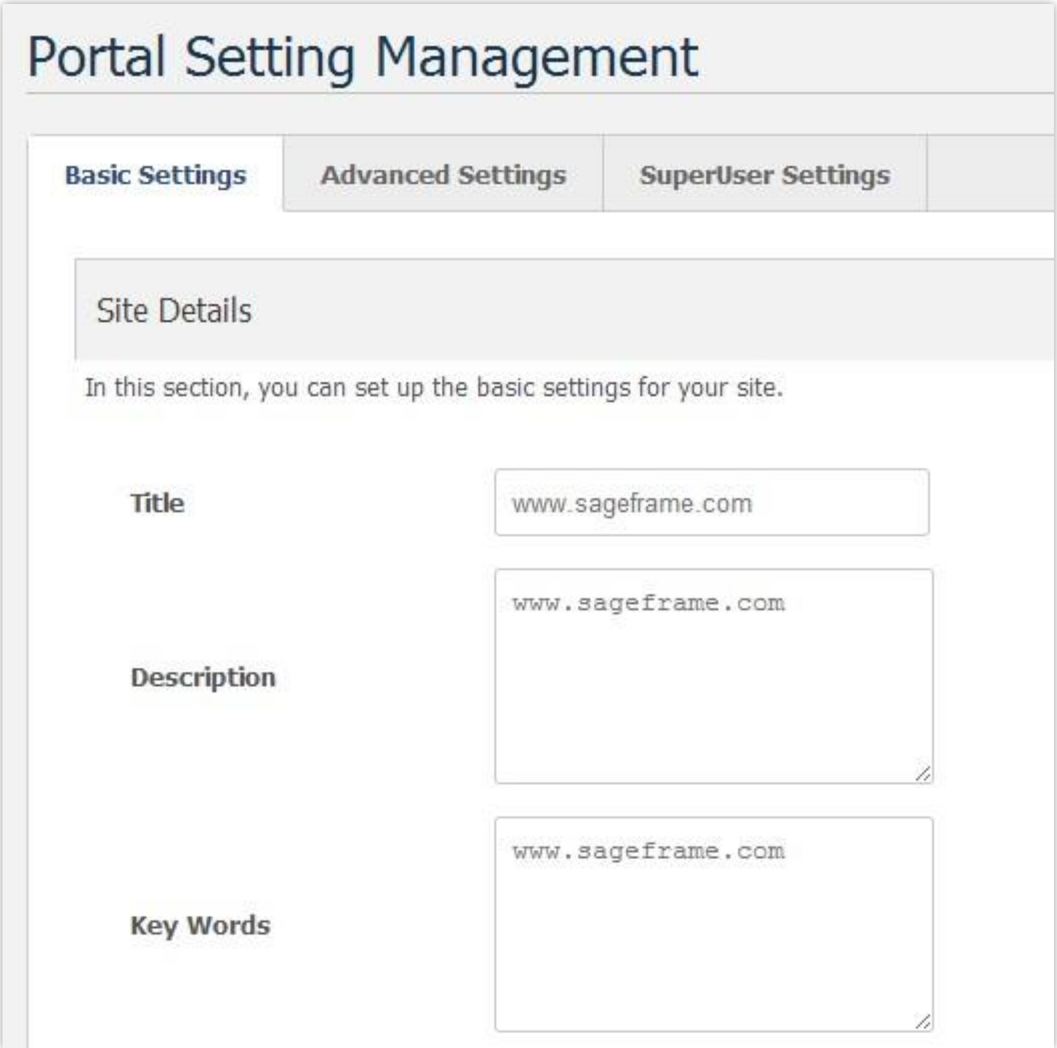
Optimization

Login using OpenID

Let's learn about each of them in detail.

Site Details

In **Site Details,** you can specify the **Meta title, Keywords** and **Description** for your portal which can help in achieving good ranking on search engines.



Site Title: Enter a title that is descriptive and should not exceed 60 characters according to Search Engine standards.

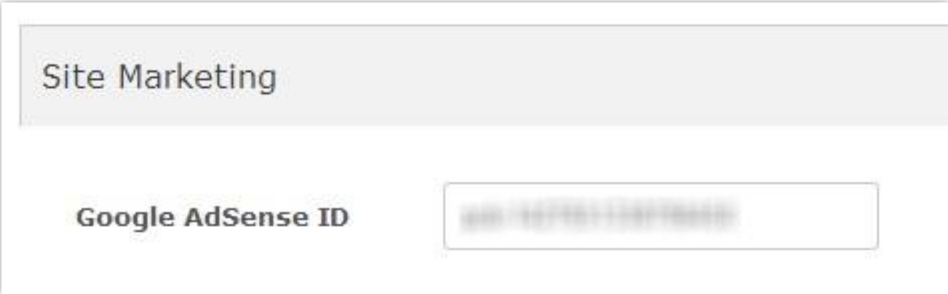
Site Description: The description should be descriptive about the contents mentioned in keywords and site title, and is advised to use maximum of 150 characters.

Keywords: We would advise the users to do a keyword research using a **Keyword tool** and choose the right keywords for the website. A keyword should be words that would define your business the best. Search engines suggest to use max 10 keyword per page.

*(**Note:** This Meta information is for the default value of page Meta tags. If the site administrators leave any of these Meta tags while adding and updating pages, this Meta information will be overwritten for that Meta value of a page.)*

Site Marketing

SageFrame comes with inbuilt Google AdSense module, which means users can earn revenue from visitors by displaying ads from Google AdSense advertising service in SageFrame sites. Users firstly need to create account with Google AdSense and put in the **AdSense ID** provided by Google in **Site Marketing** section as shown in the image below.



Appearance

Show Profile Link: Click on **Yes** radio button to show user profile link in the home page of portal.

Optimization

Enable CDN: Click on the checkbox to enable the Content Delivery Network to duplicate the content on multiple servers.

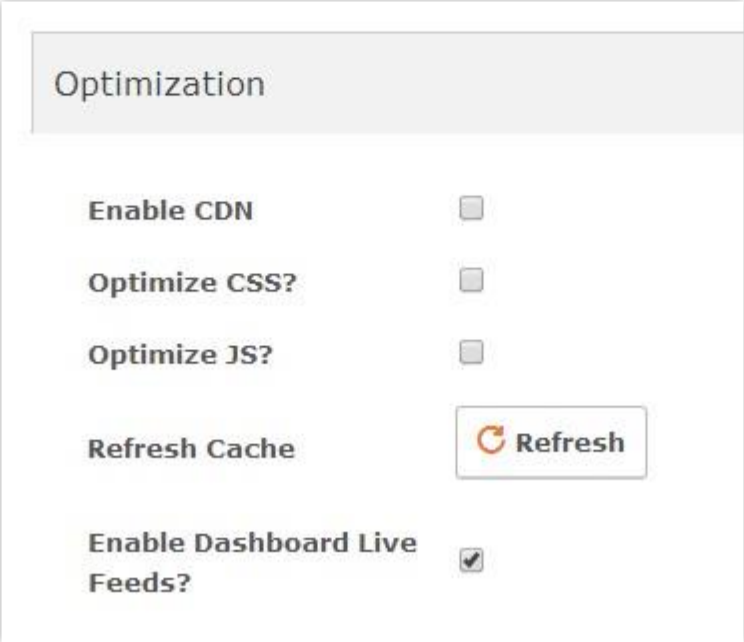
Enable Session Tracker: Click on the checkbox to enable Session Tracker if you want to track the active sessions of the logged in users.

Optimize CSS: Click on the checkbox to compress the CSS file which helps to speed site loading time.

Optimize JS: Click on the checkbox to compress the JS file. This also speeds the site loading time.

Refresh Cache: Click on the **Refresh** button to clear the cache.

Enable Dashboard Live Feeds: Activating this will display the live feed of your site in SageFrame Informational Panel present in the Dashboard.



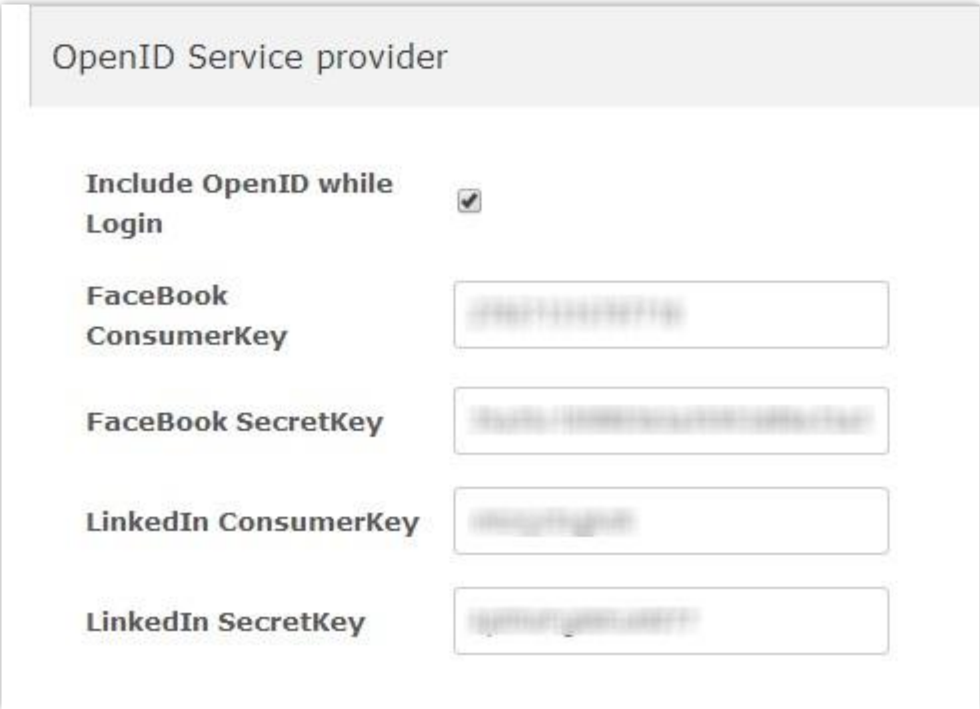
Once you are done updating with the **Basic Settings**, click on **Save** option to save the settings or refresh the page by clicking on **Refresh** option. Next up, you will be notified with **Portal Setting is Saved Successfully** message.

Login using OpenID

OpenID Service Provider

You must have noticed that SageFrame provides option to login using accounts of OpenID providers like **Facebook, Google+, Yahoo** and **LinkedIn.**

To enable these OpenID providers, from SageFrame **C-Panel>>Settings>>Basic Settings.** At the bottom of the page, you will see the following fields that need to be filled.



To include **OpenID,** you need to check the checkbox next to **Include OpenID while Login** field.

You need to get the unique consumer and secret keys for **Facebook** and **LinkedIn** but not necessarily for **Google** and **Yahoo** IDs.

Managing Advanced Settings

The **Advanced Settings** has further 4 sections.

Security Settings

Page Management

Message Settings

Other Settings

Let's learn about each of them in detail.

Security Settings

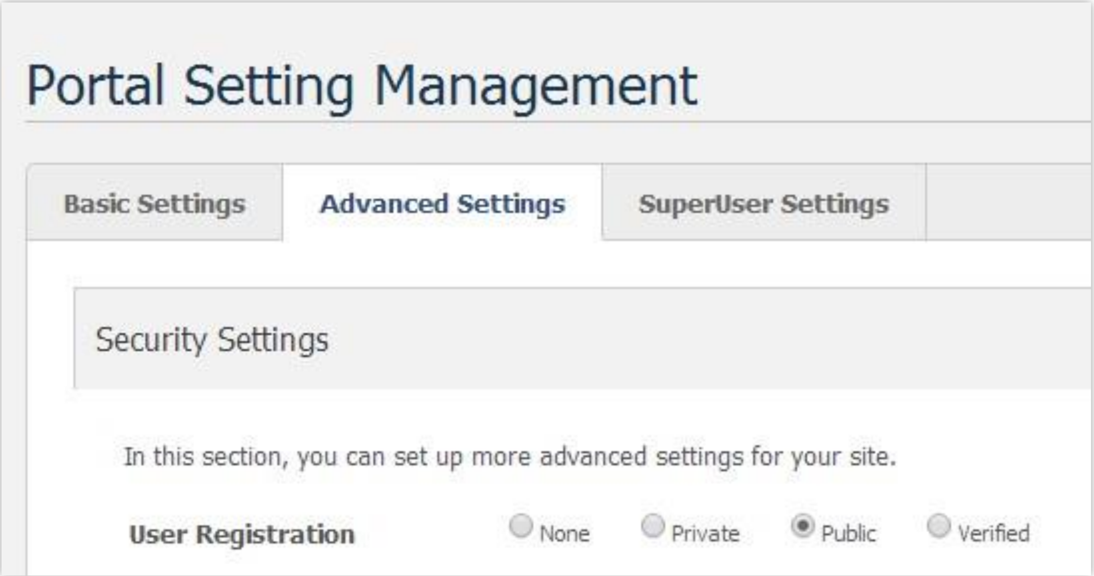
For security purpose, there are four types of User Registration.

None: This option removes the registration link from your website. The administrators of your website can only add new users manually.

Private: This option provides you with a registration link. When a new user registers, the administrators have to approve the user before the user is provided with access to the site.

Public: This option is the default setting for SageFrame portal. You will be provided with a link for registration. When a new user register, they are given instant access to your site as a member without any verification.

Verified: This option provides you with a registration link. When a new user registers, they are sent an email consisting of a verification code. When this user logins for the first time, they are asked to enter the verification code. Only when they enter the correct verification code, they can access the site as a member. This verification is done the first time only.



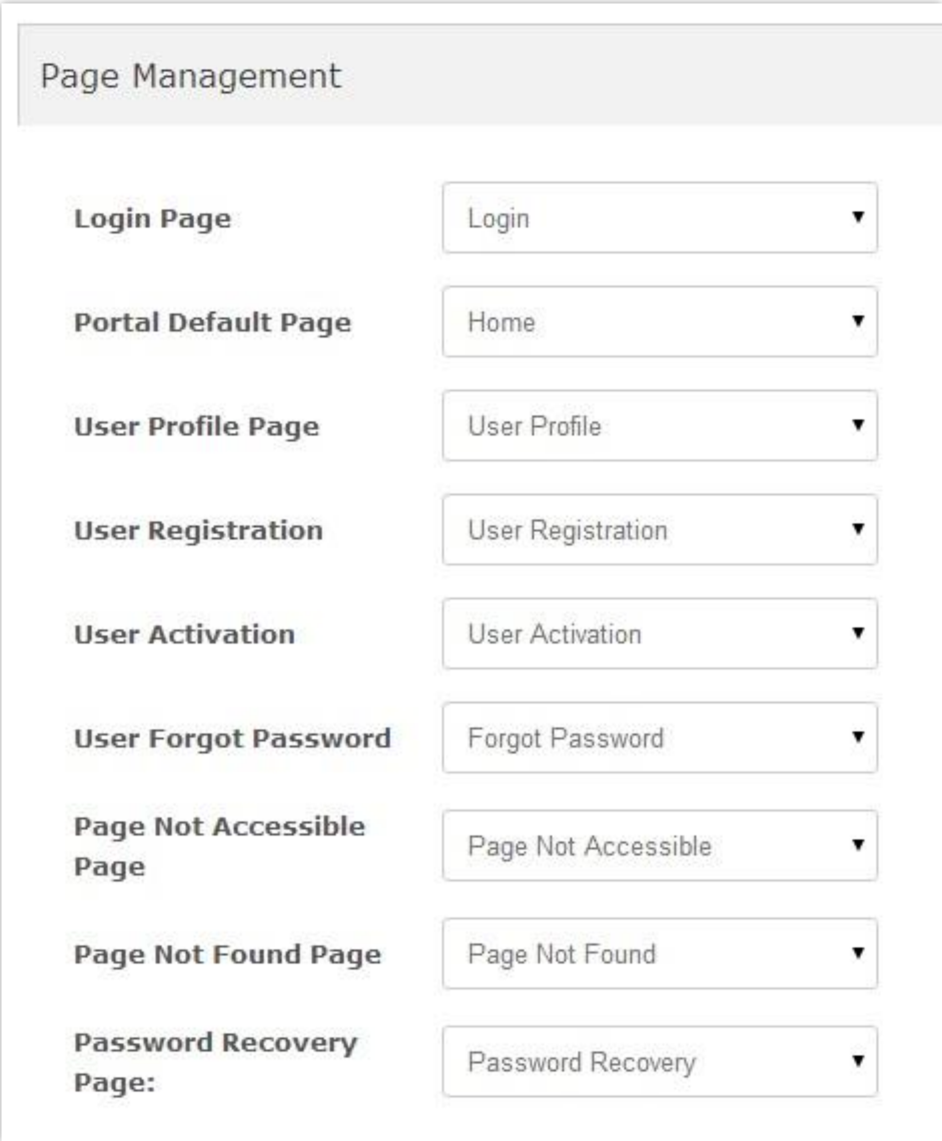
Choose the type of registration you prefer by checking the radio button.

Page Management

SageFrame's robust and flexible page management ability powers users to manage admin and portal pages from a single place. Administrators can easily modify the pages, manage login and manage user registration without changing the CSS files or connecting to FTP managers.

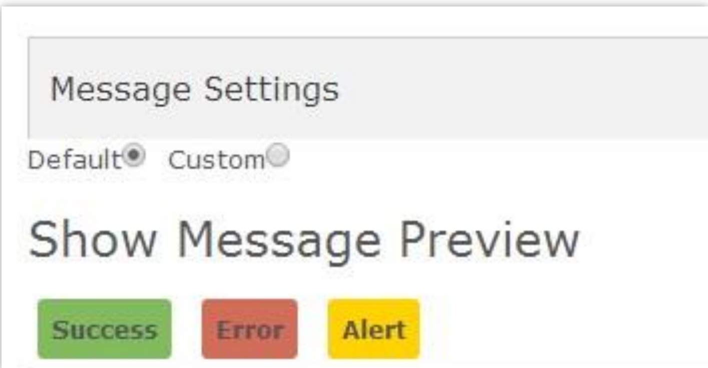
Page Management consists of fields for Login page, Portal Default page, User Profile page, User Registration, User Activation, User Forgot Password page, Page Not Accessible page, Page Not Found page and Password Recovery page.

Each page consists of a list of options to choose from dropdown.



Message Settings

You can use these settings to output the type of messages in case of **Success, Error** or **Alert.**



Other Settings

Default Language: Select the language to be used in the site. The languages are automatically populated here once you install the language package from **Localization** module.

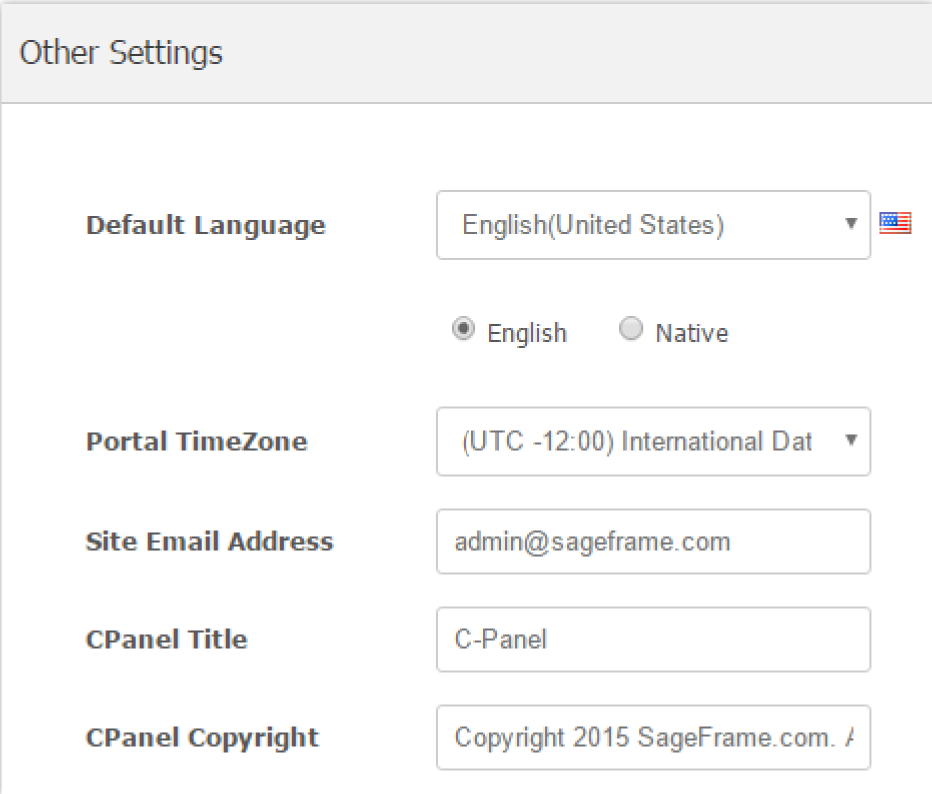
Note: *Here, English is the default language.*

Portal Time Zone: Choose a Time Zone suitable for you.

Site Email Address: Email address of the site to which the users can email in.

C-Panel Title: Displays the title user sets for C-Panel.

C-Panel Copyright: Copyright text that will appear at the bottom of the site.



Once you complete updating the **Advanced Settings,** click on **Save** link to save the settings or refresh the page. Next up, you will be notified with **Portal Setting is Saved Successfully** message.

Superuser Settings

The **SuperUser Settings** has further 4 sections.

Configuration

Super User Details

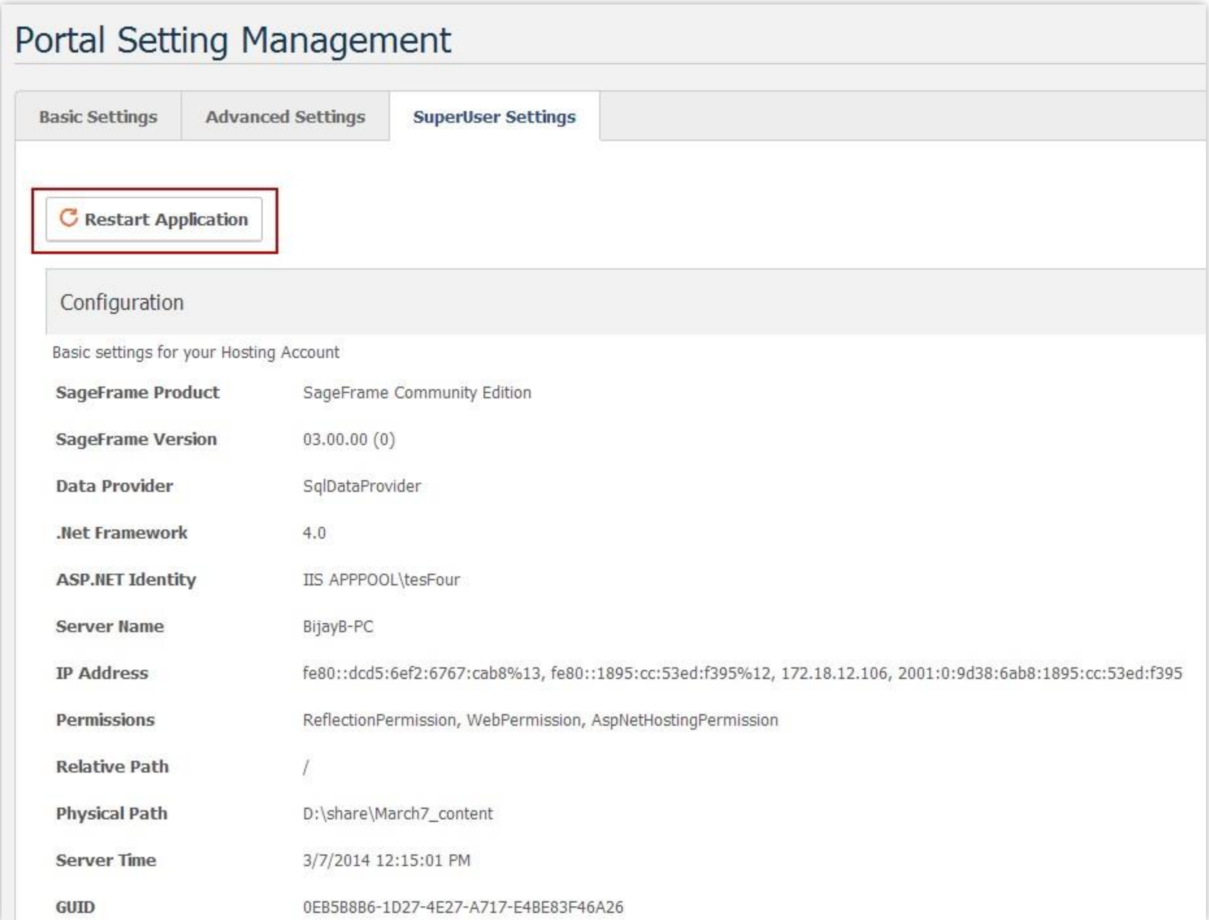
SMTP Server Settings

Other Settings

Let's learn about each of them in detail.

Configuration

Displays the portal's existing configuration.

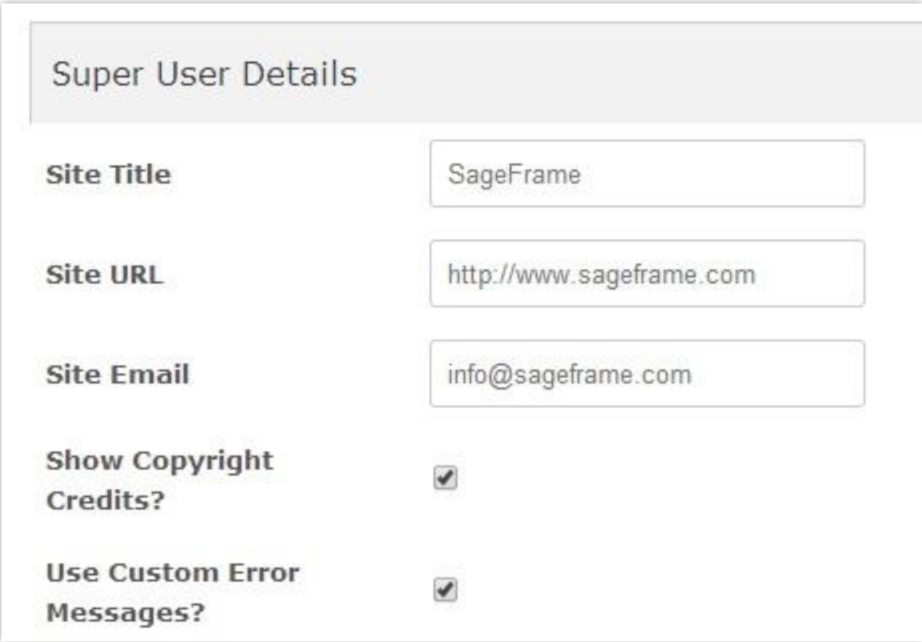


Restart Application: Once all the settings are configured, you need to restart the application for the changes to take effect. For this, just click on **Restart Application** button at the top of **Superuser Settings** tab and you will be automatically logged out.

*(**Note:** Make sure you first configure and save your settings before restarting the application.)*

Super User Details

This shows some details related to superuser.

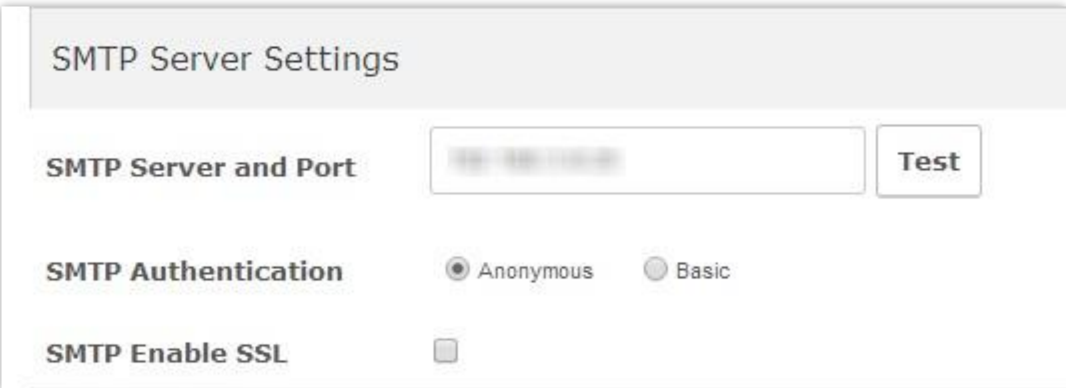


Enter the details for portal in the fields given. Refer to the table below.

Fields	Description
Site Title	Enter a suitable title for your site.
Site URL	Enter a valid URL of your site.
Site Email	Enter a valid mailing address for your site.

SMTP Server Settings

SMTP (Simple Mail Transfer Protocol) manages the settings for mail transfer through your site.

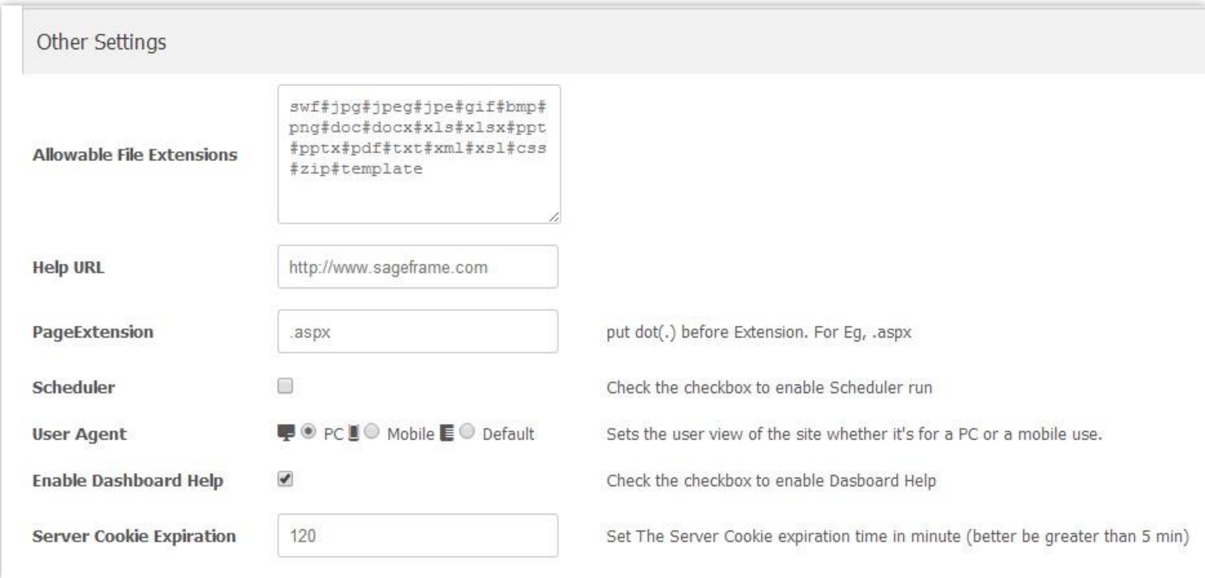


Enter the details for SMTP server in the fields given. Refer to the table below.

Fields	Description
SMTP Server and Port	Enter a valid SMTP server & test and test it to check its availability.
SMTP Authentication	You can choose your SMTP Authentication to either be Anonymous or Basic.
SMTP Enable SSL	Checkmark this if you want to enable SMTP SSL (Secure Socket Layer).

Other Settings

Other miscellaneous settings are listed in this section.



Enter the details for the fields given. Refer to the table below.

Fields	Description
Allow File Extensions	Type in the file extensions that you want to work on your site. Separate the multiple file extension with # between them. For example, **swf#jpg#jpeg#jpe#gif#bmp#png#doc**
Help URL	Enter the URL that provides help.
Page Extension	Pages can be assigned for extension. Write anything after **dot (.)** and that becomes your standard extension portal. For example, .sageframe
Scheduler	Enable the checkbox if you want to enable the Scheduler.

User Agent	Enables the user to view the site whether from **PC** or **Mobile device.**
Enable Dashboard Help	Enables to view the Welcome Screen in the Dashboard Information Panel.
Server Cookie Expiration	Enables to set the server cookie expiration time.

After all the edits are complete, click on **Save** button to save superuser settings. You will receive **Portal Settings has been saved successfully** message.

Dashboard Information Panel

Dashboard Information Panel in SageFrame is a single page real time user interface that shows a graphical and textual presentation of the current status of SageFrame. As a key performance indicator, all the overall information on SageFrame is provided on the forefront. It not only allows the users to access the modules and complete features but also helps guide with the ease of use.

You can do the following from this page.

- SageFrame Top Sticky Bar
- Personalize your Dashboard
- SageFrame Welcome Screen
- SageFrame Collapsible Multi-mode Sidebar
- SageFrame C-Panel
- Your Portal Snapshot
- Site Analytics
- Page Help
- To-Do List

SageFrame Top Sticky Bar

Top Sticky Bar is a horizontal menu placed at the top of the page. This bar consists of the following as mentioned below.

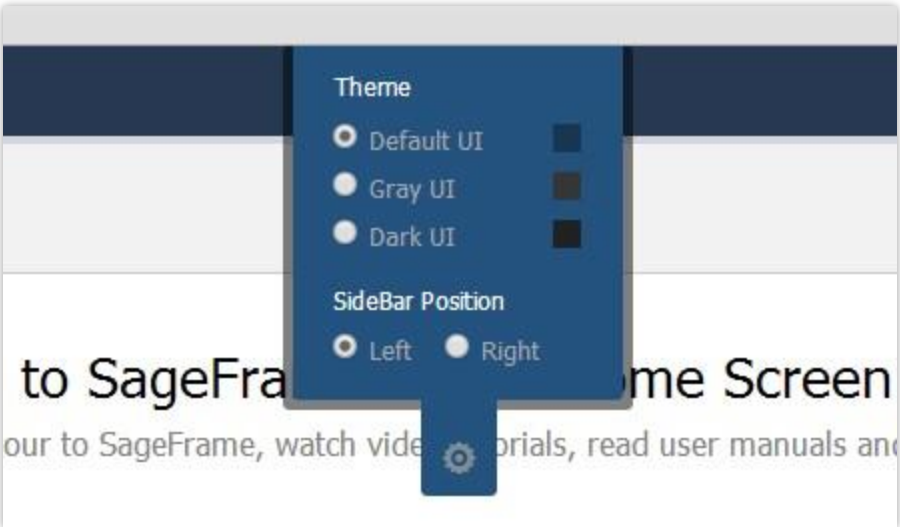
1. The SageFrame logo along with the present version, V 3.6 can be seen at the top left corner of the bar.
2. Just beside the logo, **Upgrade** button can be seen. Clicking on this button leads to **SageFrame Upgrader** where SageFrame version and other modules can be upgraded to updated versions.
3. The **Settings** icon in the middle of the bar provides with options to personalize your dashboard from the front end as well as the back end.

   *(**Note**: This has been better explained in **Working with Front End C-Panel** section)*

4. The **Home** icon enables you to go directly to the Home Page no matter in what page you are.
5. Similarly, the **Preview** option shows you a quick preview of the entire site.
6. At the left-most side of the bar, a tab named **Logged As** is present. This gives you with the option to change your profile or log out of the system.

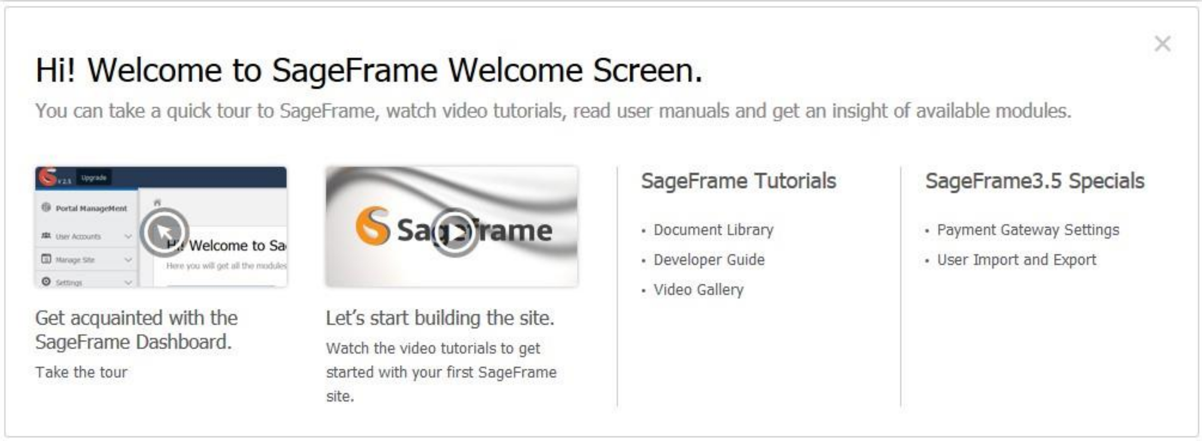
Personalize your Dashboard

The **Settings** icon present in the middle of the SageFrame **Top Sticky Bar** helps you to personalize your dashboard. You have the options to choose theme and Sidebar position. The basic themes available are Default UI, Gray UI and Dark UI. Similarly, the Sidebar position can be chose either to be on the left or right. The screenshot below better explains this function.



SageFrame Welcome Screen

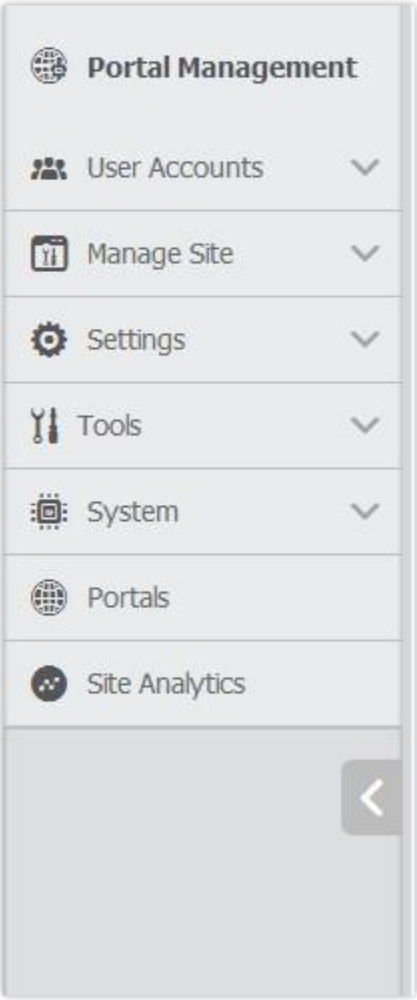
SageFrame Welcome Screen lets you get acquainted with all the modules, customizing tools and settings to build your site.



The **Admin Interface** at first offers you a tour to get familiar with the SageFrame UI. The **Site Building** likewise, allows you to take the tour to see how easily you are able to build up your site. At the same time, you need not worry about looking out for the document library and more tutorials to create the modules on SageFrame as **SageFrame Tutorials** would easily help you do that. Not the least, **SageFrame Module List** for the most part lets you get with the existing lists of modules to pick out the best one for your site.

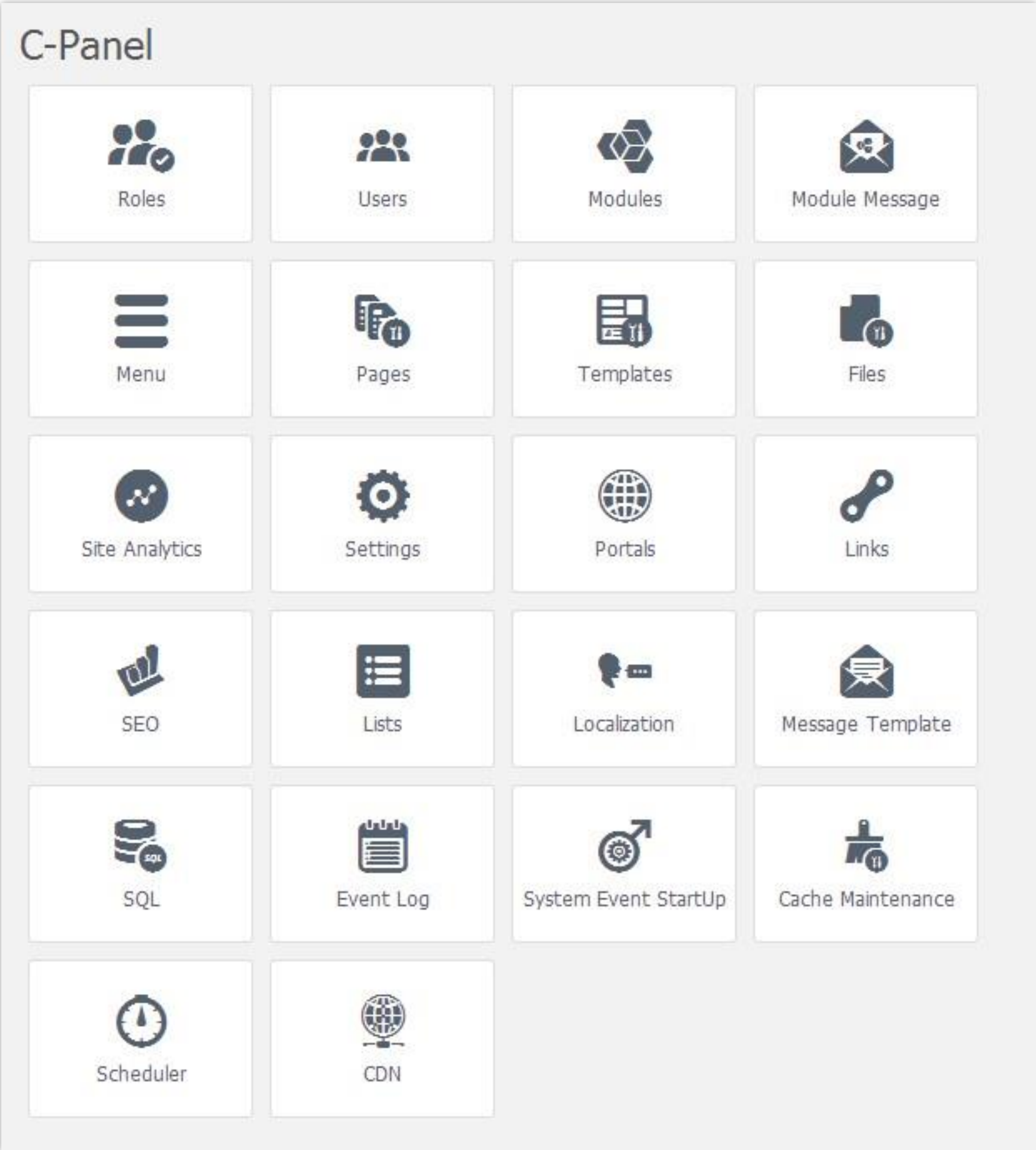
SageFrame Collapsible Multi-mode Sidebar

SageFrame Sidebar makes your work easier as it gives easy access to all the **Portal Management** settings in the C-Panel. Under the same roof, you can access User Accounts, Site Management, Settings, Tools, System, Portals and Site Analytics. The default position for the sidebar is at the left side but this can changes into the right side as mentioned in **Personalize Your Dashboard** section. You also have the option to hide the sidebar by clicking on the side arrow and making it invisible. Then click on the same button to bring it back. This sidebar is highly flexible and user-engaging that also works well by superseding the empty spaces with sub-icons in a different way when it is invisible.



SageFrame C-Panel

The **C-Panel** offers transparency and control over every module in SageFrame. It assists you to get into the module you want to work on. The table below briefs you about the different modules you have in SageFrame.



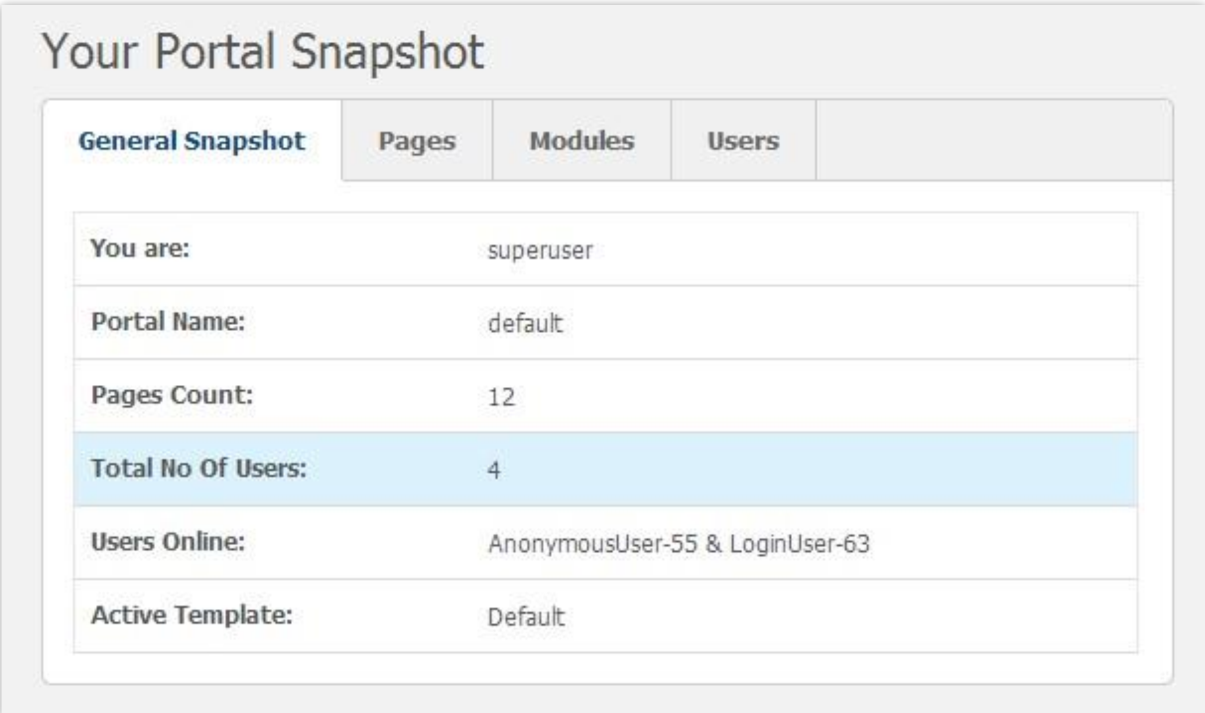
Modules	Functions
Roles	Roles Management lets you control view and edit permission of pages and modules based on different group of users.
Users	User Management enables the administrator to create user accounts. Once the user account is created, it can be managed.
Modules	Module Management enables the administrator or developers to install, create and manage modules.

Module Message	Module Message Manager enables the usability in SageFrame CMS by letting user customize messages displayed along with modules.
Menu	Menu Manager lets you create dynamic menus, add/delete pages in any menu, add external links and custom HTML content.
Pages	Page Management allows you to add pages and assign multiple modules to it.
Templates	Templates allows you to install or create new templates and layouts, assigning those across pages where you can edit the template related files directly.
Files	File Manager makes it possible to edit and upload files, create and delete folders from SageFrame C-Panel itself.
Site Analytics	Site Analytics lets you track your traffic based on the hits generated from a particular country, browser or a page.
Settings	Settings administrators helps you to manage overall portal settings such as its appearance, site details, security, time zone and some other details.
Portals	Portal Management enables the superuser to add multiple portals and make modules accessible to the administrator of a particular portal.
Links	Links enables administrator to maintain records which are in the form of list which can be reused later.
SEO	SageFrame SEO extension enables users to set up Google analytics, generate XML sitemap & robots and submit to various search engines in the same go.
Lists	Lists enables administrators to maintain records in the form of lists that can be reused later.
Localization	Localization helps you to add new languages to your portal to allow users to switch between languages.
Message Template	Message Template provides the fundamental facilities for controlling the generation of auto-generated emails, message-boards and their messages.
SQL	SQL module enables the superuser to execute SQL queries against the available database. You can even load the database file and alter the table.
Event Log	Event Log enables webmasters to track and log all the problems related to client IP, page URL and exception.

System Event StartUp	System Event Startup sets the events that you want to start during webpage loading.
Cache Maintenance	Cache Maintenance helps to set the cache priorities and perform cache maintenance. It clears the cache memory to flush out the useless data stored on server cache.
Scheduler	Schedulers enables you to schedule a task that runs automatically in an allotted period of time.
CDN	CDN enables you to add JS and CSS URL contributing to high availability and performance of the site.

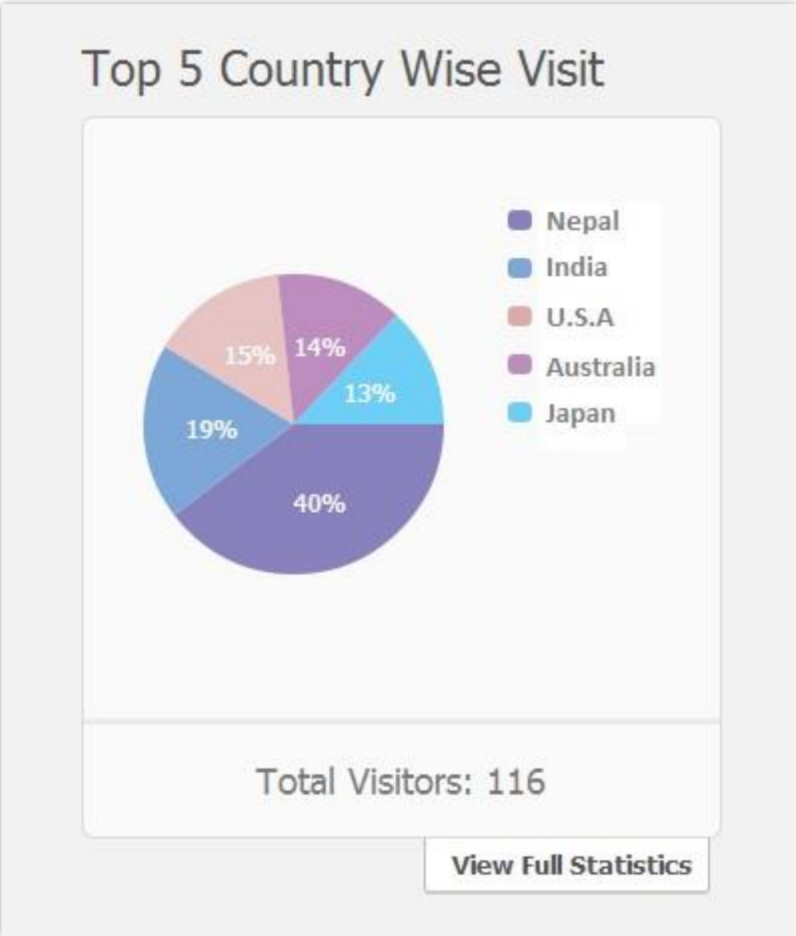
Your Portal Snapshot

Portal Snapshot acts as a presentation layer; containing all the information of your C-Panel portal. It provides you with each and every information regarding your general portal, pages, modules and users. From portal name, page count, total number of users to sitemap, layout, support, features, online users and so forth; it keeps you updated with all those information at a single time.



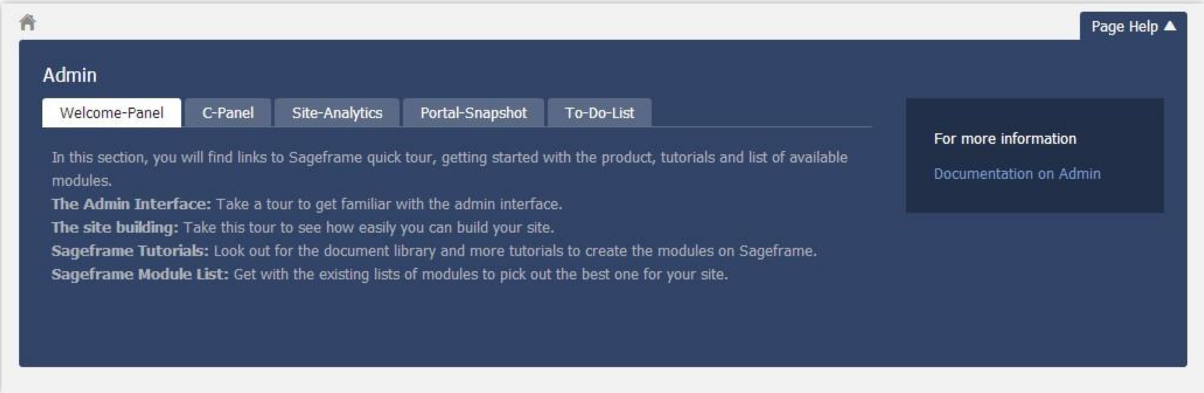
Site Analytics

Site Analytics enables you to evaluate the measurement, collection, analysis and reporting of your webpage's internet data understanding and optimizing the overall web usage. Not just a tool for measuring web traffic, it can moreover be used as a tool for business and market research to assess and improve the effectiveness of your website. Gauging the traffic and popularity trends, it also provides information about the number of visitors along with the page views of your website. Such an analysis of your site in terms of date, country, browser and page can either be obtained from charts or the direct factual data too.



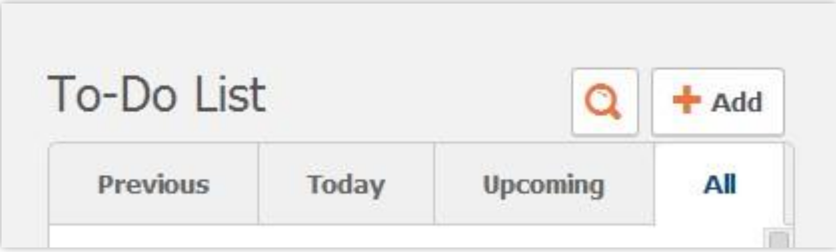
Page Help

Page Help is one of the new options in SageFrame which guides you with the right work and function for all features and modules. This option is available on the top right side of every page giving you a brief description of every feature, module or template that you come across.



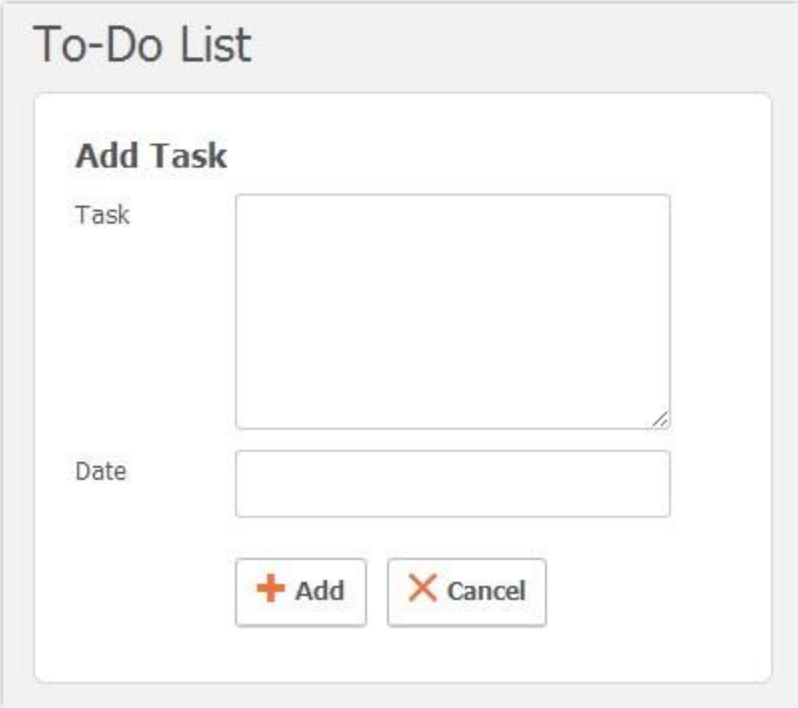
To-Do List

To-Do List is an amazing feature that SageFrame has for busy people. You can add a reminder to notify at the right time with To=Do List.

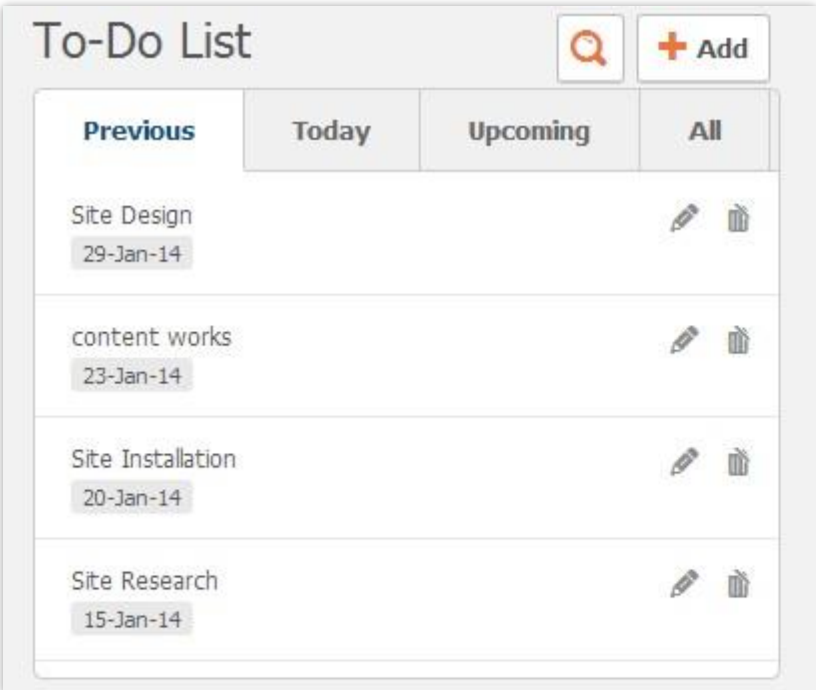


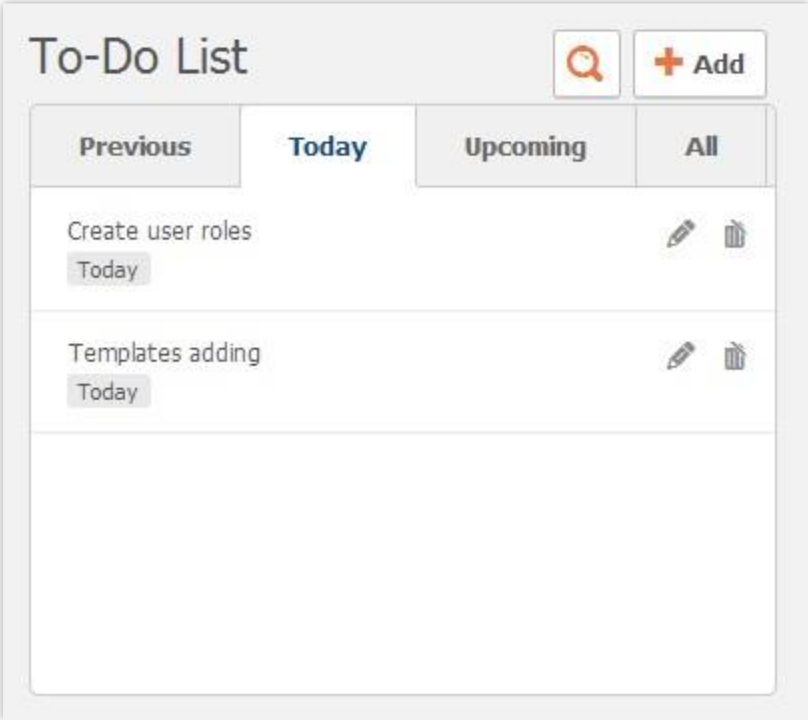
With this feature, you can do the following.

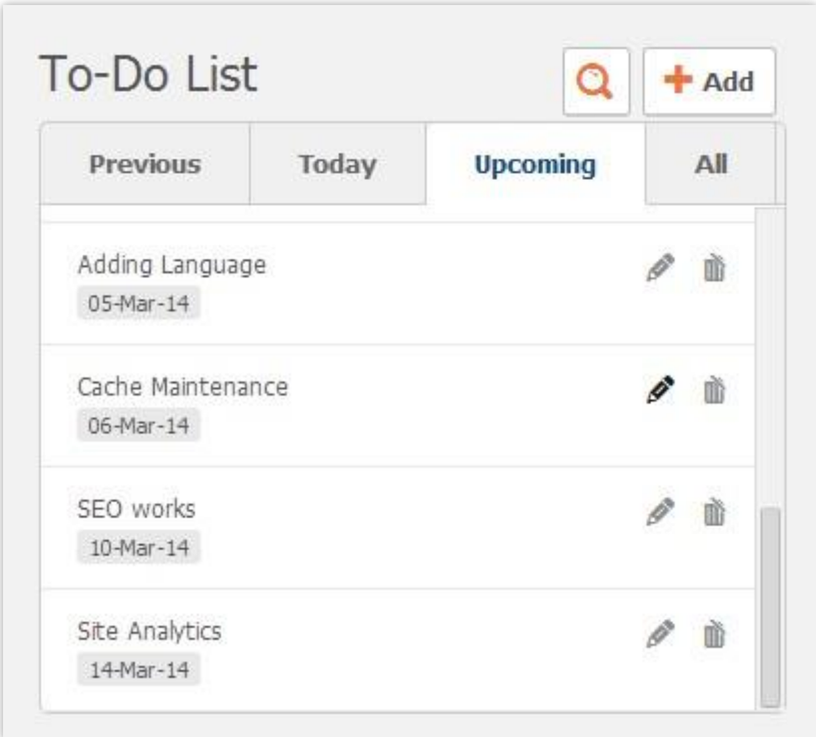
1. The **Search** button at the top allows you to select a specific date to find records for that day.
2. The **Add** button at the top right allows you to add a task along with a date that will remind you on that specific time.



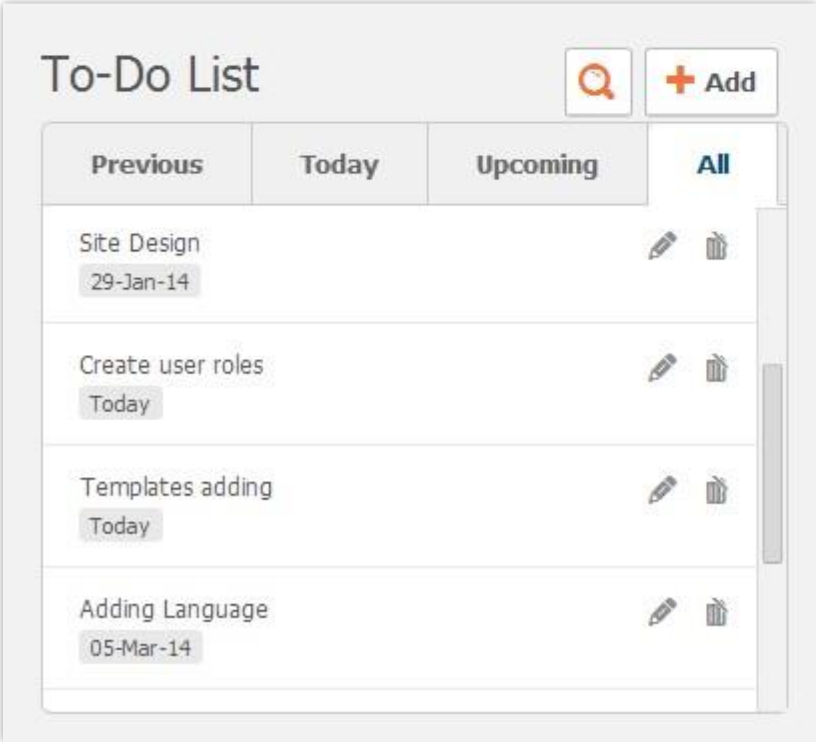
3. Similarly, there are options to view previous records, daily records and upcoming events with tabs **Previous, Today** and **Upcoming** respectively. All these records can be updated and deleted with regards to your latest changes. The images below will explain better.





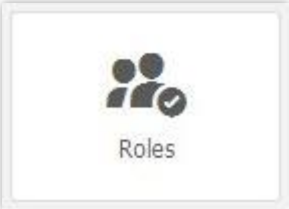


Not just this, in **All** tab, you can view all of your records at one place.


To-Do List
Add
Previous
Today
Upcoming
All
Site Design
29-Jan-14
Create user roles
Today
Templates adding
Today
Adding Language
05-Mar-14

Working with Roles

Access to view, managing content (Pages & Modules) and settings of all portals in SageFrame is controlled using role based access. By associating a user's account with one or more roles (also called Security Roles), you can provide or deny access to view and/or edit site pages and modules.



You can do the following from this page.

- Learn about default user categories
- Add new role
- Page role settings
- Dashboard role settings

Default User Categories

By default, there are four categories of users listed. Let's learn about them in brief detail.

Superuser: Superuser is at the top-most level. Superuser holds the authority to control everything on the site. Administrator of the site cannot create the superuser.

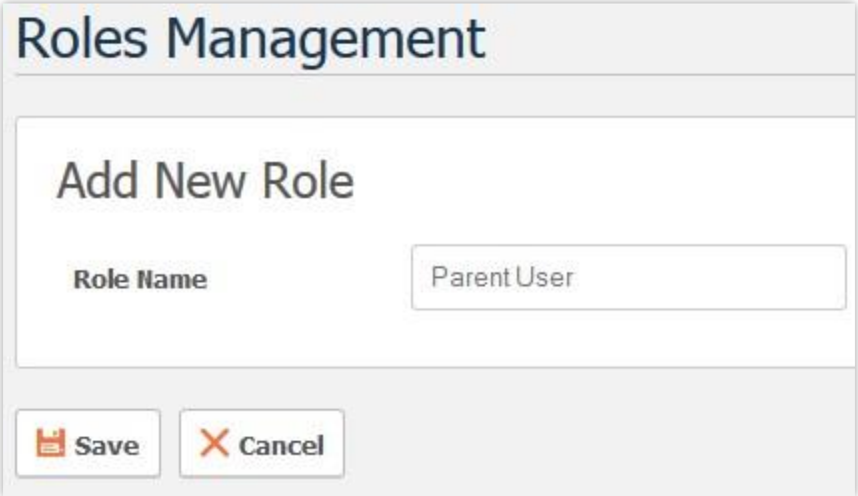
Anonymous User: These are users who visit the site (Registered or Non-registered user) but have not logged in yet. This is public access.

Site Admin: Site Admin can edit all the content and pages within a single site.

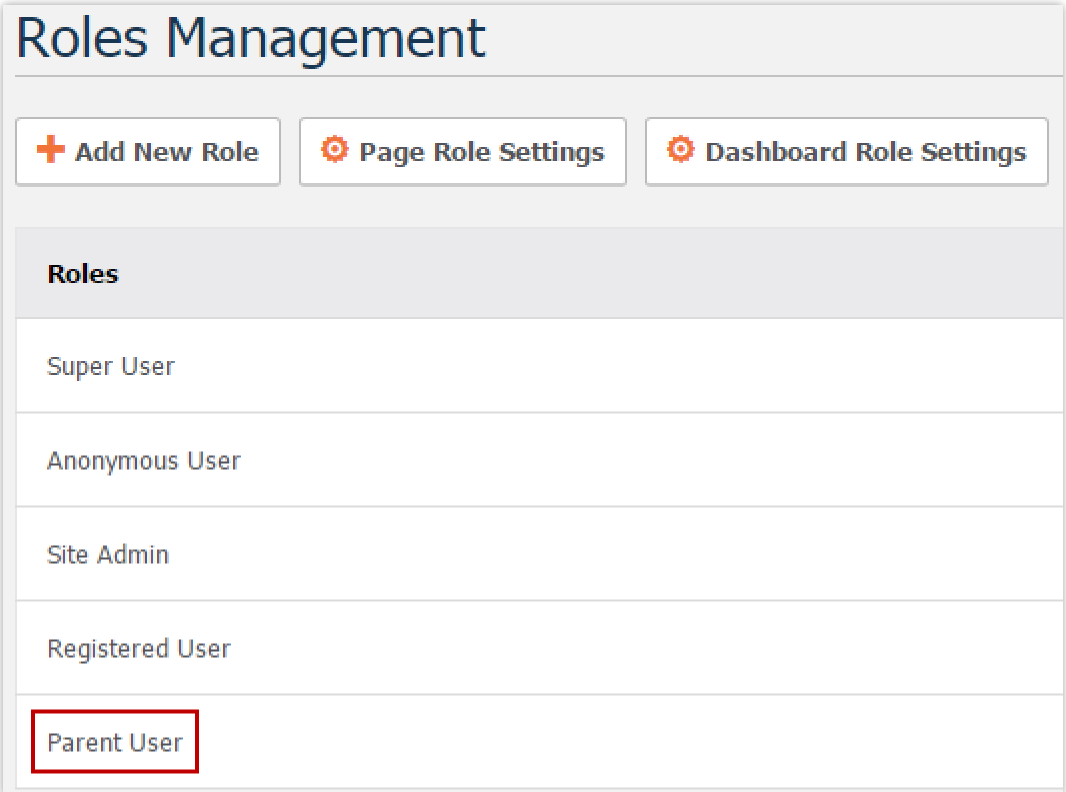
Registered User: This user group needs to create an account and register to download software or other related materials. Once a user has an authorized user account, they can access all pages and modules that are restricted to members of the Registered Users role. They are able to manage their user account online and may also belong to one or more security roles.

Add New Role

1. From your SageFrame **C-Panel,** click on **Roles.**
2. You will land on **Roles Management** page. Click on **Add New Role.**
3. Enter the name of the role and click on **Save.**



4. The newly added role will be displayed along with the list of other roles in **Roles Management** page as shown below.



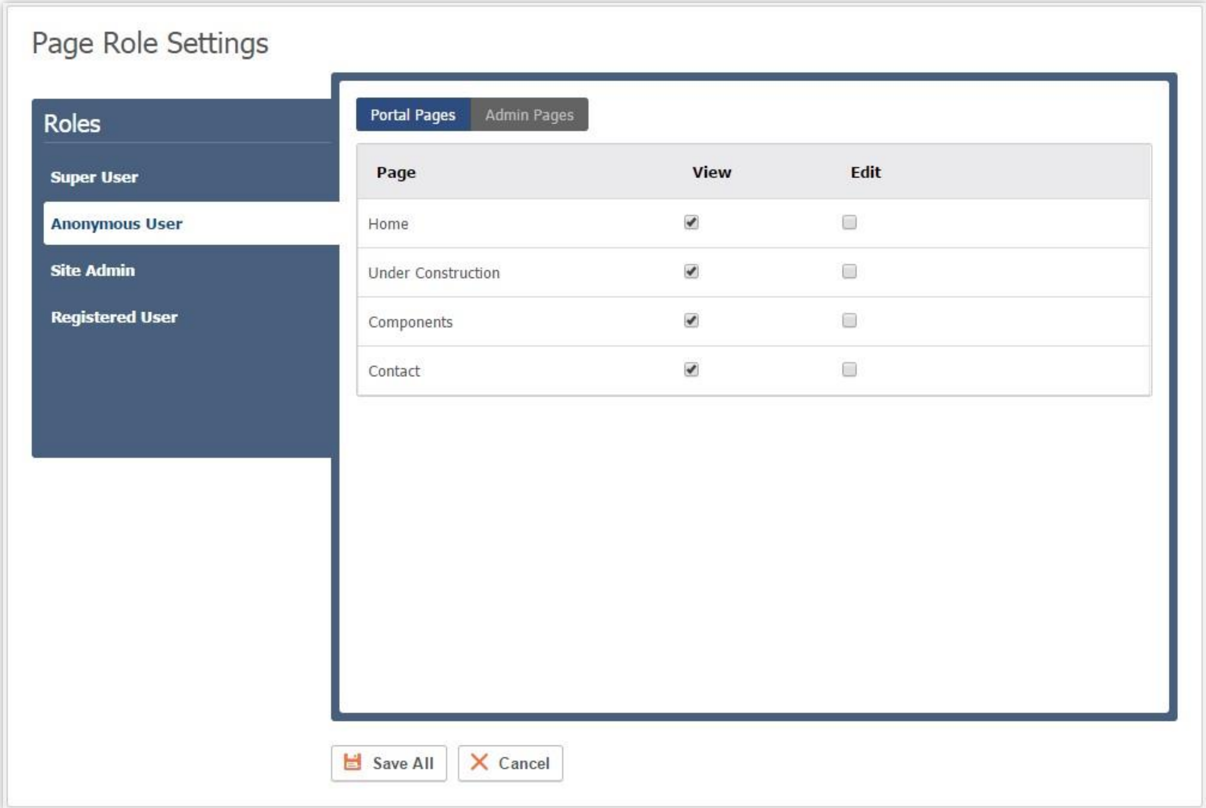
Note: *The system default roles cannot be deleted.*

Page Role Settings

With **Page Role Settings**, the admin can grant permission to all the users either to view or edit the pages from a single module without visiting each individual page to edit it.

To set Page Role Settings, follow the steps mentioned below.

1. From your SageFrame **C-Panel,** click on **Roles.**
2. You will land on **Roles Management** page. Click on **Page Role Settings.**



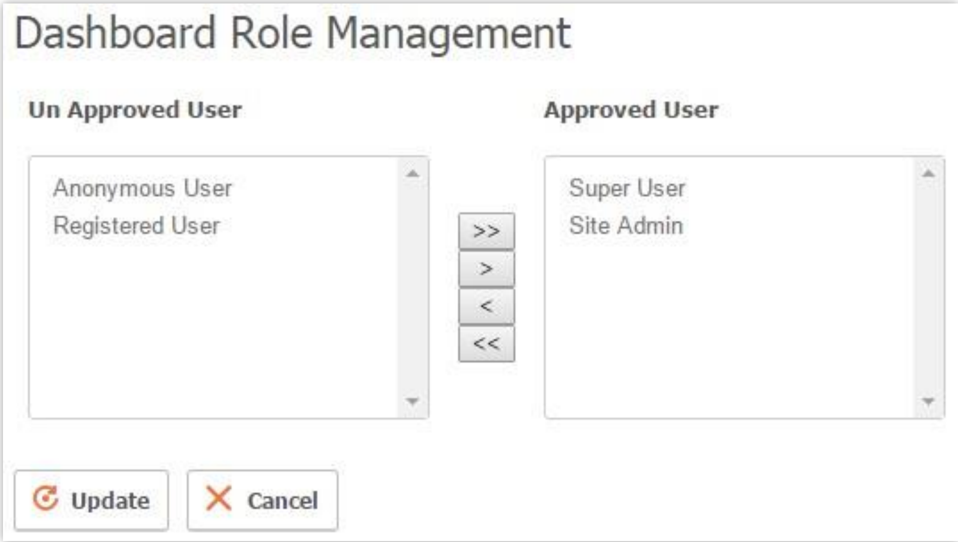
3. The **Portal** and **Admin** pages for all the roles are available here. You can change the permission for view or edit for all the pages by selecting on the checkboxes for all the pages from here.
4. Click on **Save.**

Dashboard Role Settings

With **Dashboard Role Settings,** the superuser can grant access of dashboard to other users as well.

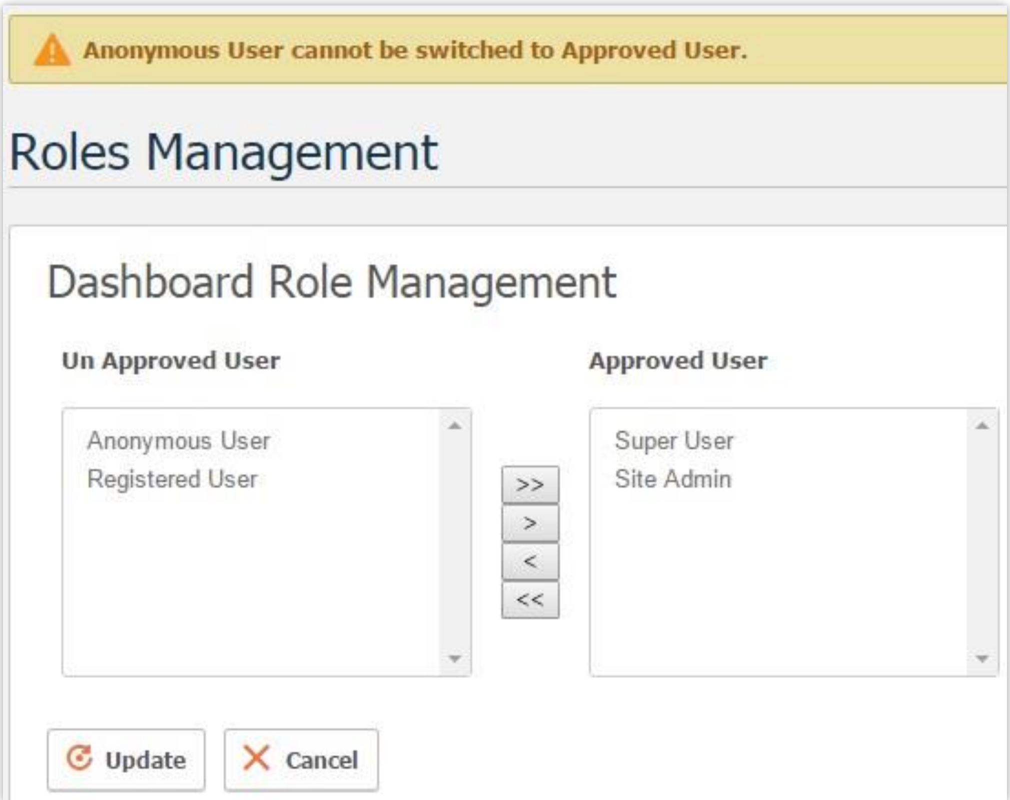
To set Dashboard Role Settings, follow the steps mentioned below.

1. From your SageFrame **C-Panel,** click on **Roles.**
2. You will land on **Roles Management** page. Click on **Dashboard Role Settings.**



3. Only the **Superuser** and **Site Admin** have access to the dashboard. Now, if you want to grant access to a **Registered User,** select it from **Unapproved User** section and then click on the arrow facing right to move it to **Approved User** section**.**
4. Clicking on the double arrow will move all the users from **Unapproved User** to **Approved User** except **Anonymous User.**

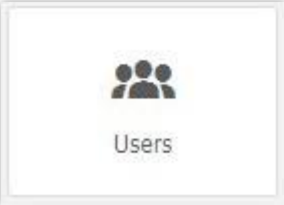
   Note: Anonymous User *cannot be granted with access to the dashboard. If you try to do so, the following message will appear.*



5. Click on **Update.**

Working with Users

The User Management enables the administrator to create user accounts. Once the user accounts are created, they can be edited as per your requirement.



Why should you use User Management?

With the use of User Management, you can achieve the following.

- Create new users
- Assign roles to the newly created users and manage their roles
- Delete unwanted users
- Get brief information about particular users like their last login date, activities and last password information.

Understanding Role Based Access in SageFrame

Administrators or superusers can manage view access and SageFrame portals through user accounts and website roles. The basic concept is that users are permitted to view pages and modules, as well as edit pages and modules by adding to one or more website role(s).

Working with User Accounts

You can have the following benefits with User Accounts.

- Administrator can create user accounts for any person or they can enable site visitors to register themselves for a user account.
- Once a user has an authorized user account, they can use all pages and modules that are restricted to the members of registered users’ role.
- Individual users can have access to view and edit page or modules.
- Every user who is a member of a selected role can have view and/or edit permission to page or module.

Overview of the Editors Role

Below are the various roles an editor plays in SageFrame.

Module Editors: A Module Editor is any user assigned with permission to edit one or more modules.

Page Editors: A Page Editor is any user assigned with permission to edit one or more pages in the website. Page Editors can manage module content and module settings on all the modules that are available on their pages. They can also add child pages below their corresponding pages.

Administrators: An Administrator is any registered user who is a member of the Administrator website role. Administrators can manage all page and module content on the site and can authorize the roles of other users.

Overview of Role Based Access to Pages and Modules

Here, we learn how different roles can be assigned for the page and module access.

Anonymous Users: These are the users who visit the site but do not log into the site. These users may or may not be a registered user. This is for public access.

Registered Users: Registered Users are able to manage their user accounts online and may also belong to one or more security roles.

Administrators: Administrators enjoy the ability to edit all content and pages within a single site.

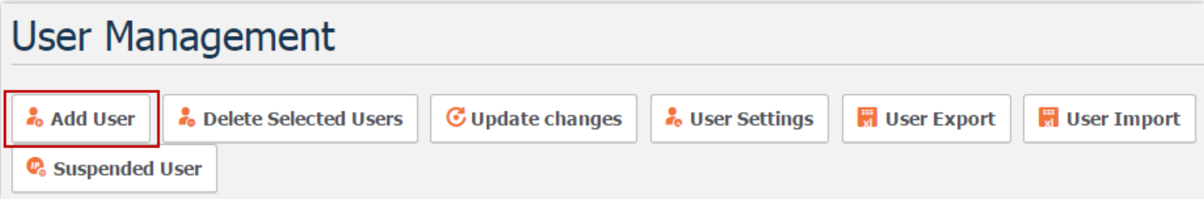
You can do the following from this page.

- Add a new user
- Edit an existing user
- Manage user settings
- Import and Export users with roles

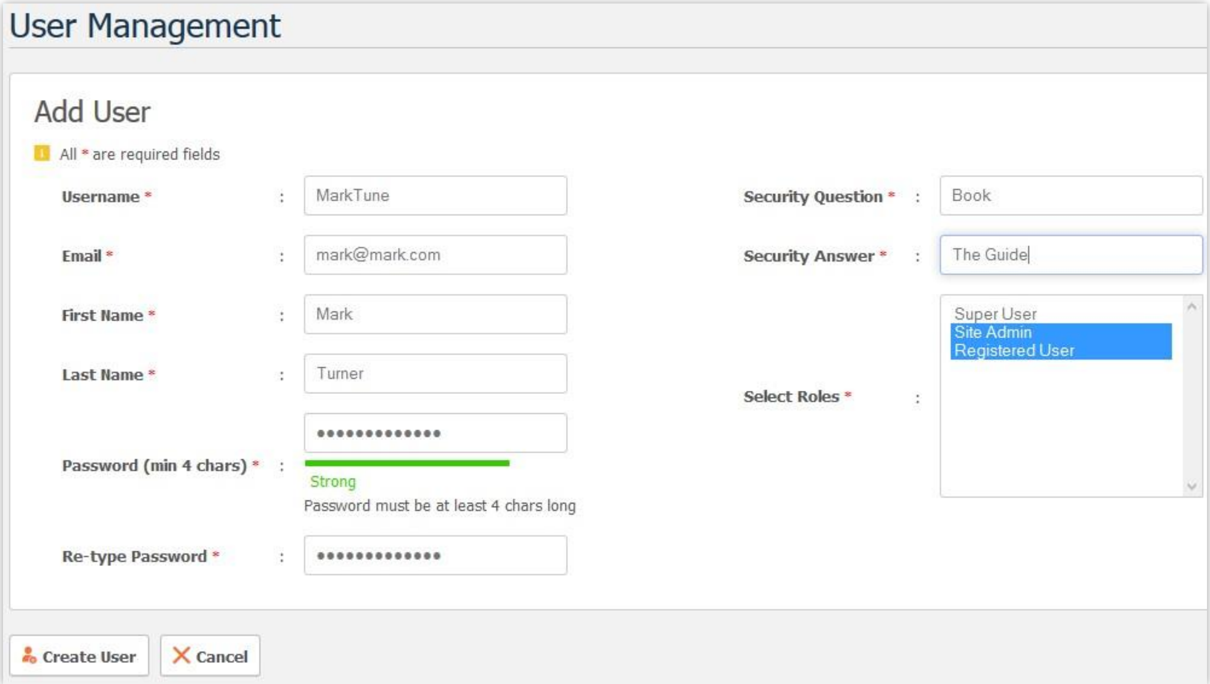
Add New User

You can add new users to your system by following the steps mentioned below.

1. From your SageFrame **C-Panel,** click on **Users.**
2. From the **Users Management** page, click on **Add User.**

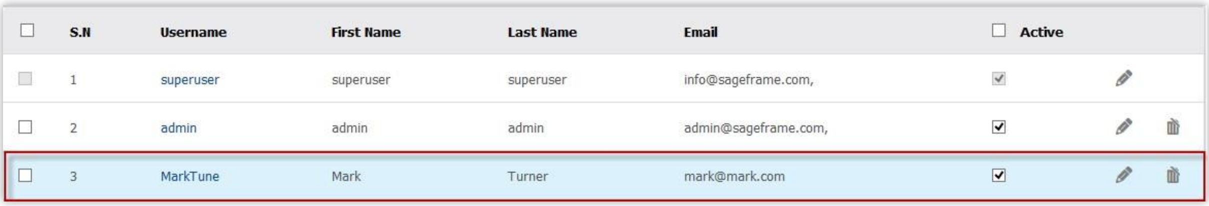


3. Fill in the required user details with valid information. Once completed, don't forget to click on **Create User** button to save this information.



(***Note:*** *Superuser, Site Admin and Registered User are default roles. They cannot be deleted or modified.)*

The newly created user will be displayed on the **User Management** page.



	S.N	Username	First Name	Last Name	Email	Active
	1	superuser	superuser	superuser	info@sageframe.com,	
	2	admin	admin	admin	admin@sageframe.com,	
	3	MarkTune	Mark	Turner	mark@mark.com	

Edit a User

Once a user is created, you can always edit the details if required. For this click on the **Pencil** icon placed on the right side of the name of the user that you want to edit from **User Management** page.

There are 4 tabs available for editing a user.

User Information

User Roles

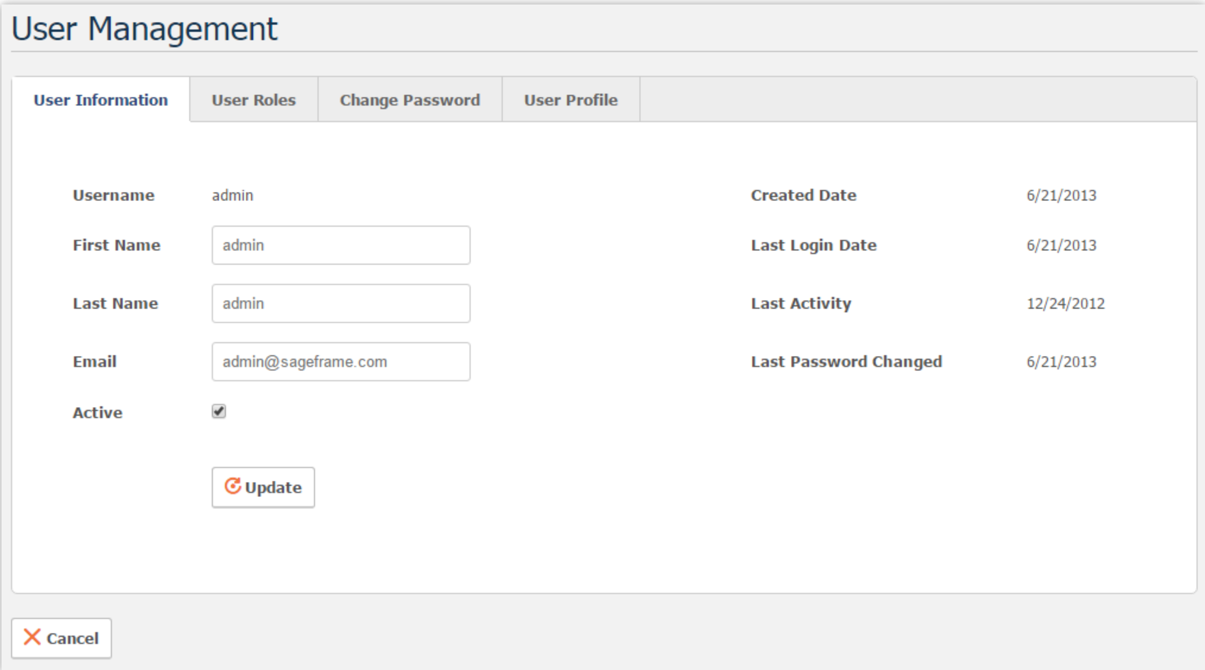
Change Password

User Profile

Let's learn about each of them in detail.

Edit User Information

The 1st tab shows **User Information.** Here, you can edit the basic information about the user. Click on the field that you want to edit and update the information. The right hand side of this tab displays dates of when the user was created, when the user last logged in, his last activity date and the date when the user last changed their password.



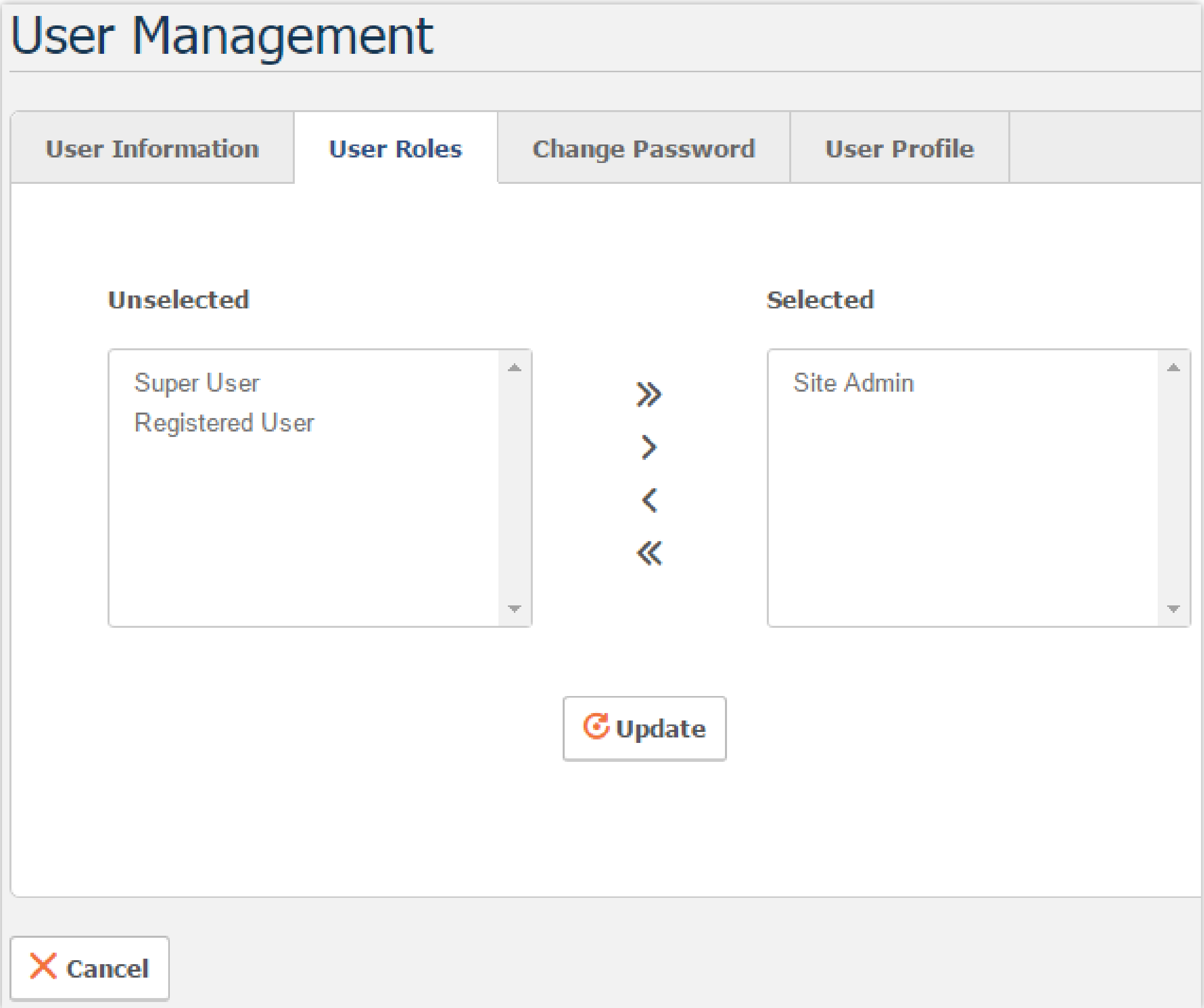
Click on **Update** button once you are done with editing the information.

Edit User Role

From this tab you can modify the previously assigned roles to different users.

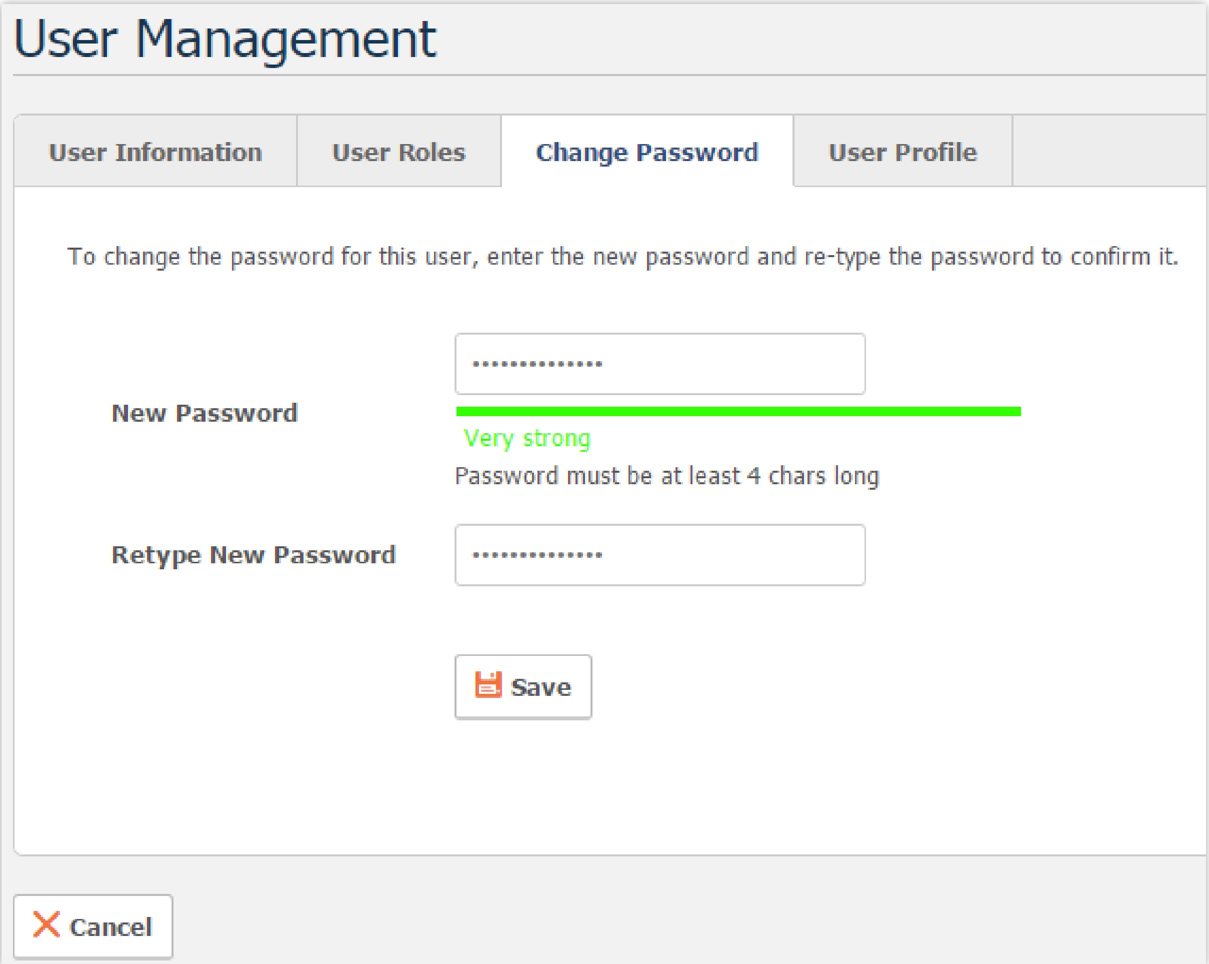
Select the roles: From the **Unselected** section, select the users and click on the arrow facing towards right. That user will now be listed in the **Selected** section

Deselect: If you want to remove the users, just select the user from the **Selected** section and click on the arrow facing towards left. That user will now be listed in the **Unselected** section.



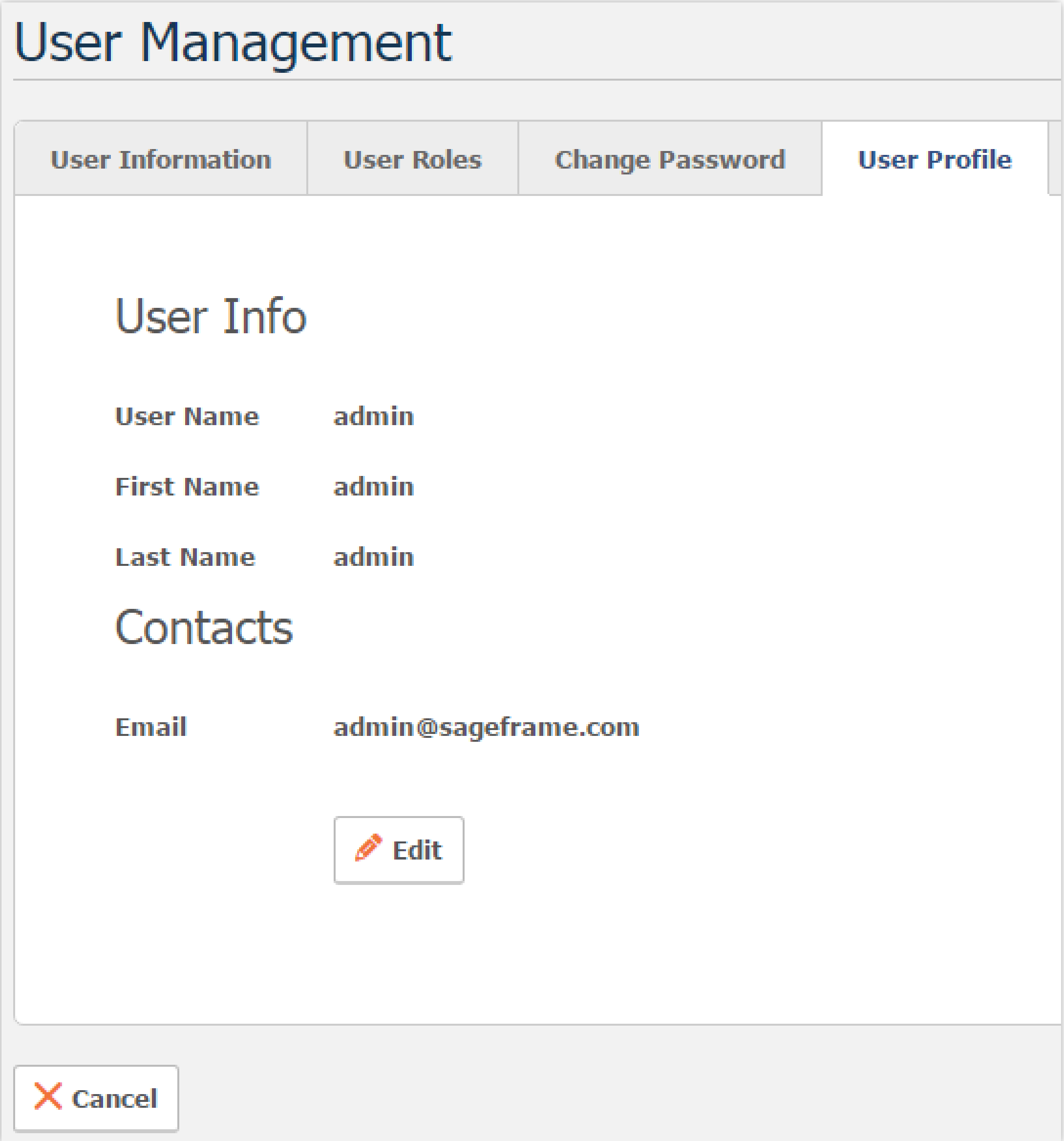
Change Password

From this tab, the administrator can change the password of the users that have been created. All you need to do is enter the new password and retype the same password for confirmation. If the two passwords don't match, an error message will appear. Make sure to enter a password that is strong for better security. You can see the strength of the password just below **New Password** textbox. Don't forget to click on **Save** button to save this information.

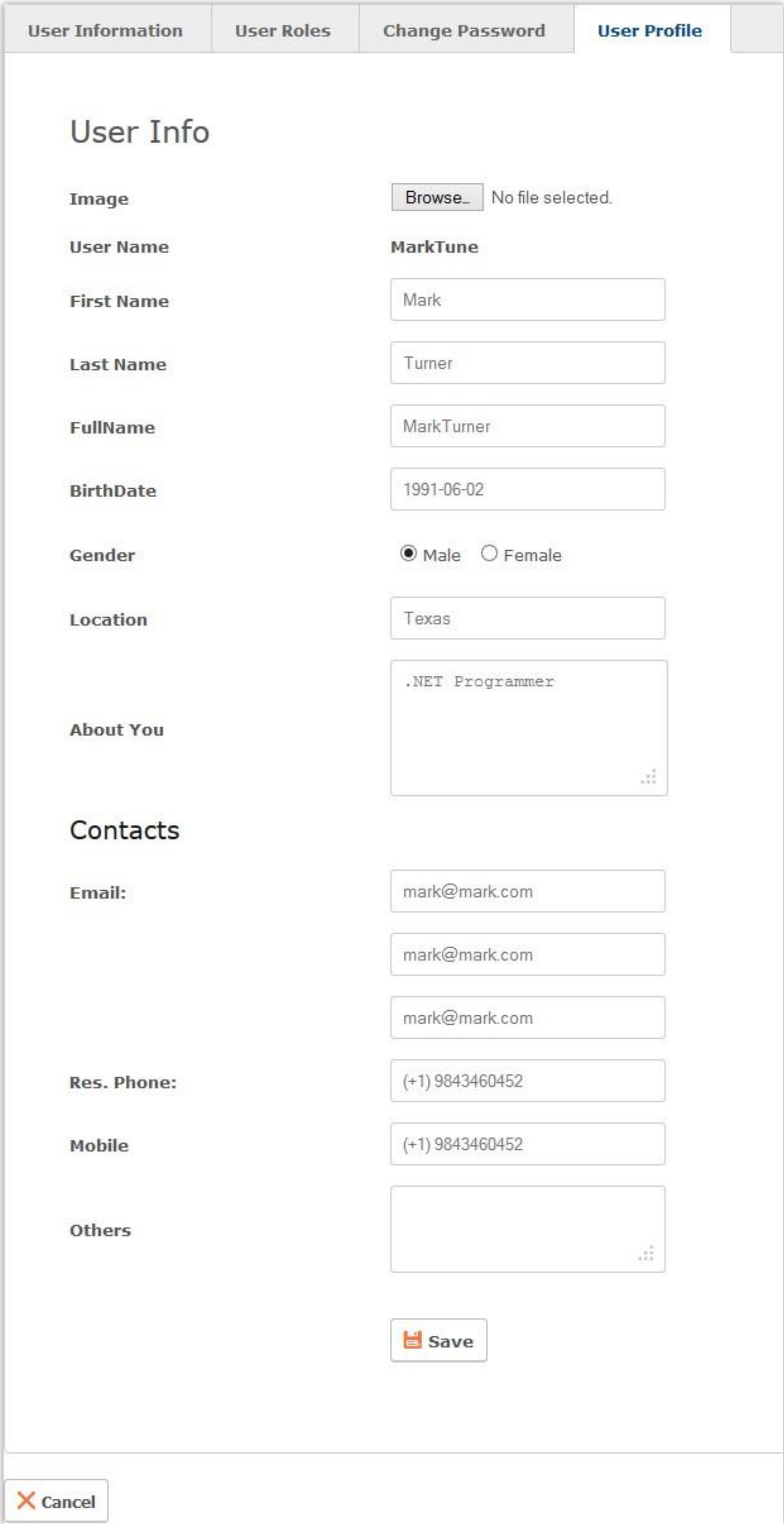


Edit User Profile

This tab shows the **User Profile.** To edit this section, click on **Edit** button.

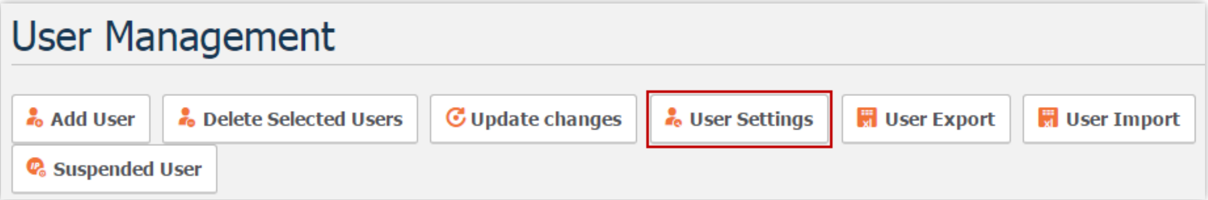


Once you do that, a new form will appear showing different fields related to the basic information about the user. Edit the fields that you want to change and click on **Save** button.

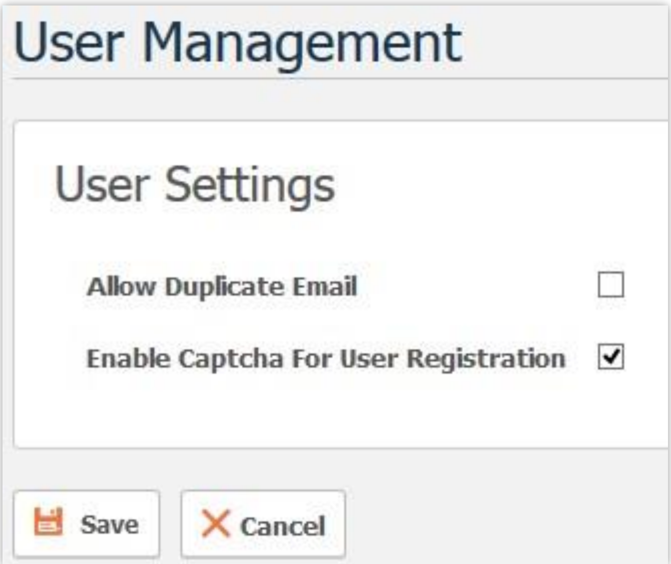

User Information
User Roles
Change Password
User Profile
User Info
Image
Browse...
No file selected.
User Name
MarkTune
First Name
Mark
Last Name
Turner
FullName
MarkTurner
BirthDate
1991-06-02
Gender
Male
Female
Location
Texas
About You
.NET Programmer
Contacts
Email:
mark@mark.com
mark@mark.com
mark@mark.com
Res. Phone:
(+1) 9843460452
Mobile
(+1) 9843460452
Others
Save
Cancel

User Settings

1. From your SageFrame **C-Panel,** click on **Users.**



2. From the **User Management** page, click on **User Settings.**



3. The **User Settings** gives you two options.

   Allow Duplicate Email: Enabling it will allow portal users to user identical email address.

   Enable Captcha For User Registration: Enabling it will provide a captcha box when users would have to enter code to make registration for the site.

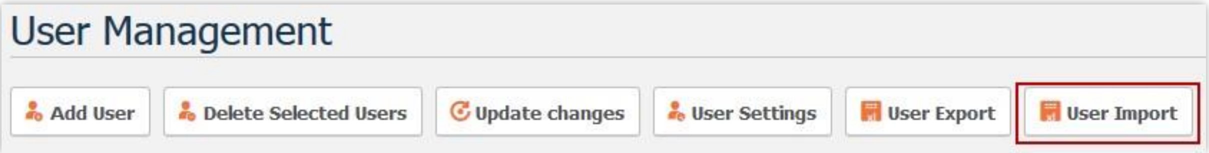
4. When all the settings changes are made, click on **Save** to save the changes or **Cancel** to ignore the changes.

User Import and Export with Roles

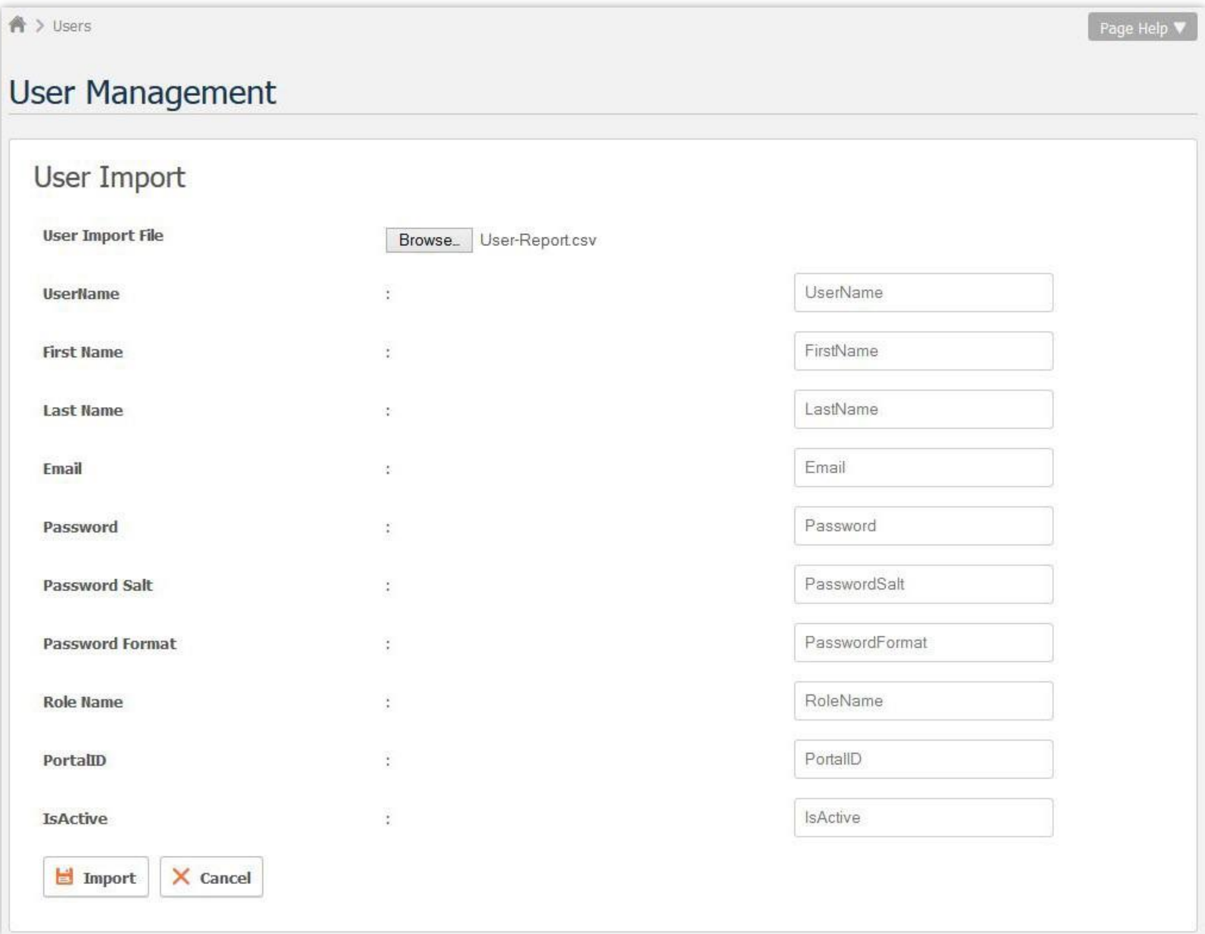
User Import and Export is used to import and export users based on roles from a different SageFrame site. Here, the columns are mapped with the help of Excel sheet.

User Import

1. From your SageFrame **C-Panel,** click on **Users.**
2. From the **User Management** page, click on **User Import.**

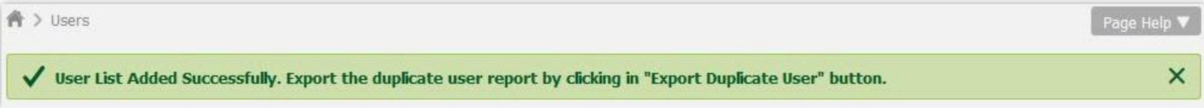


3. Fill in the required details with valid information. It is important to map the column here with the columns present in the Excel sheet.

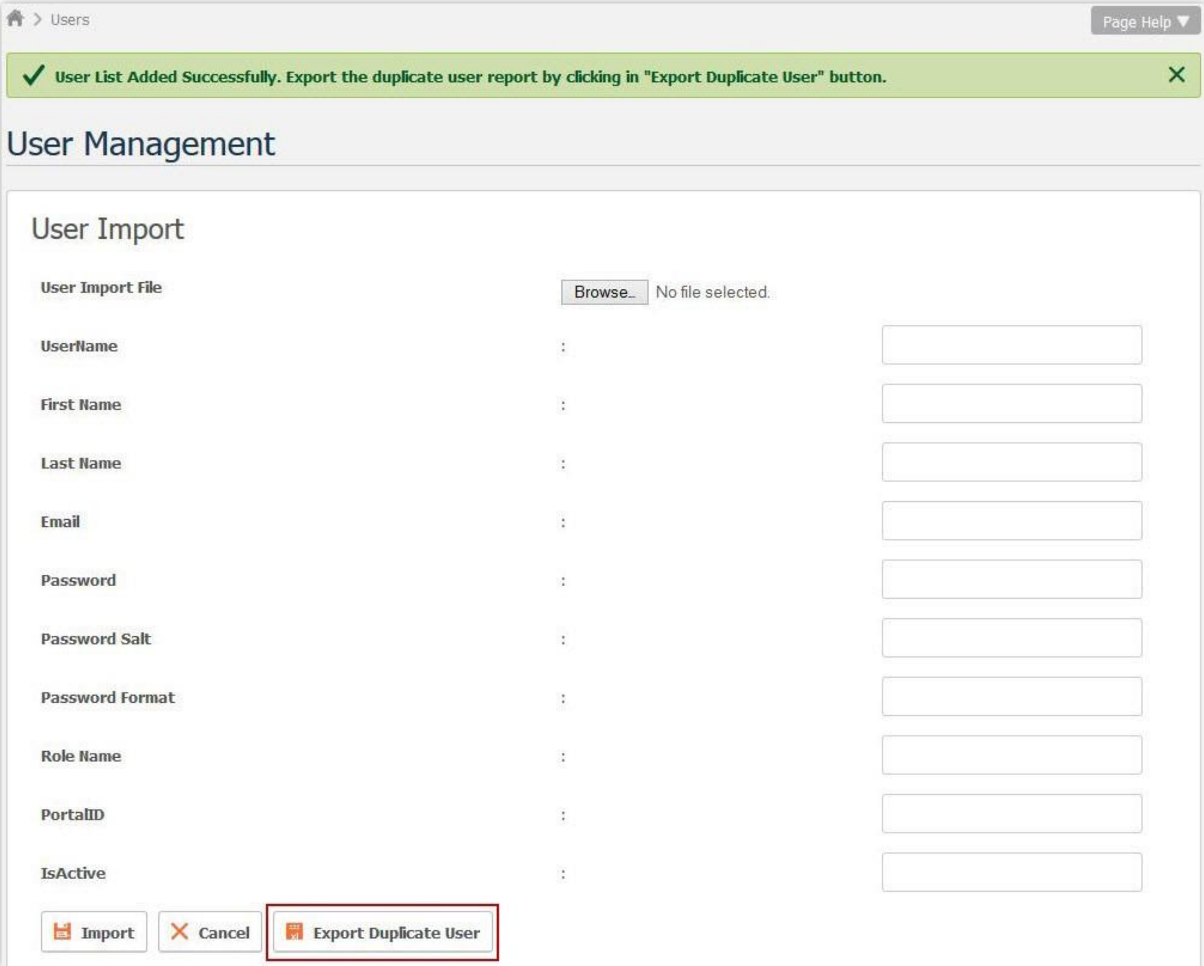


4. Once the form is filled, a successful message will appear.

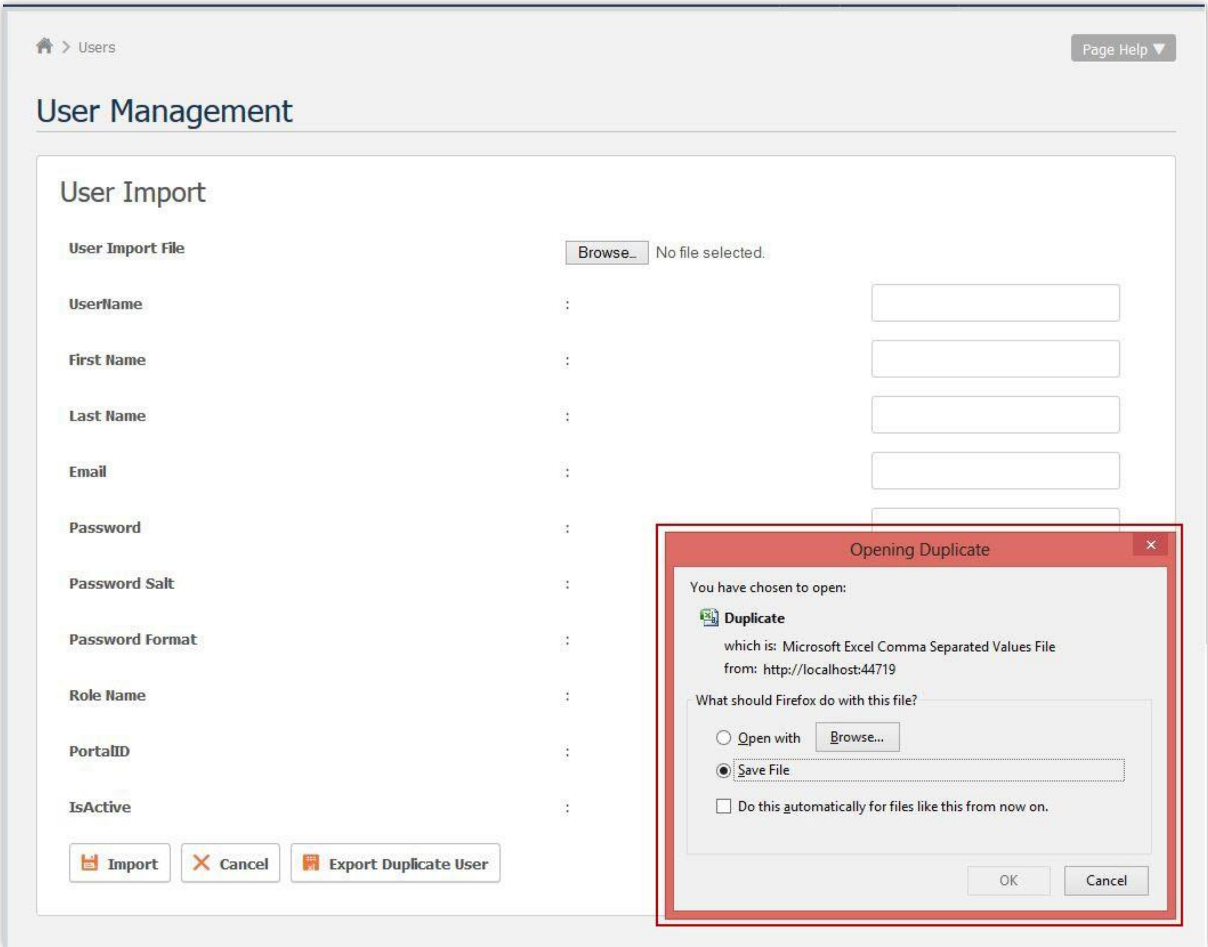
5. In case where duplicate users are present, the following message will appear.



In such a situation, click on **Export Duplicate User** button placed at the bottom of the page.

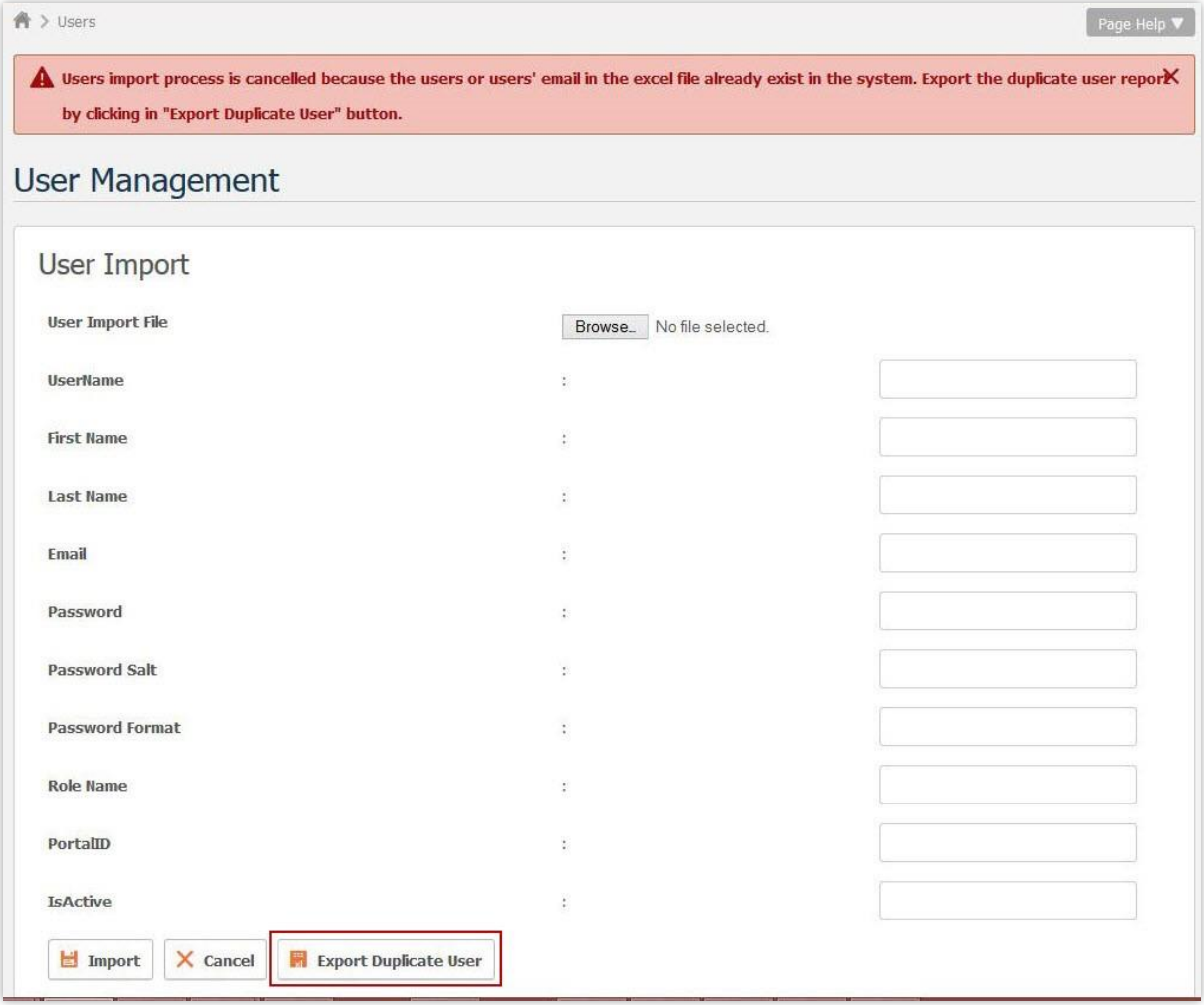


This will prompt you with an option to save a file in excel format. Save this file.

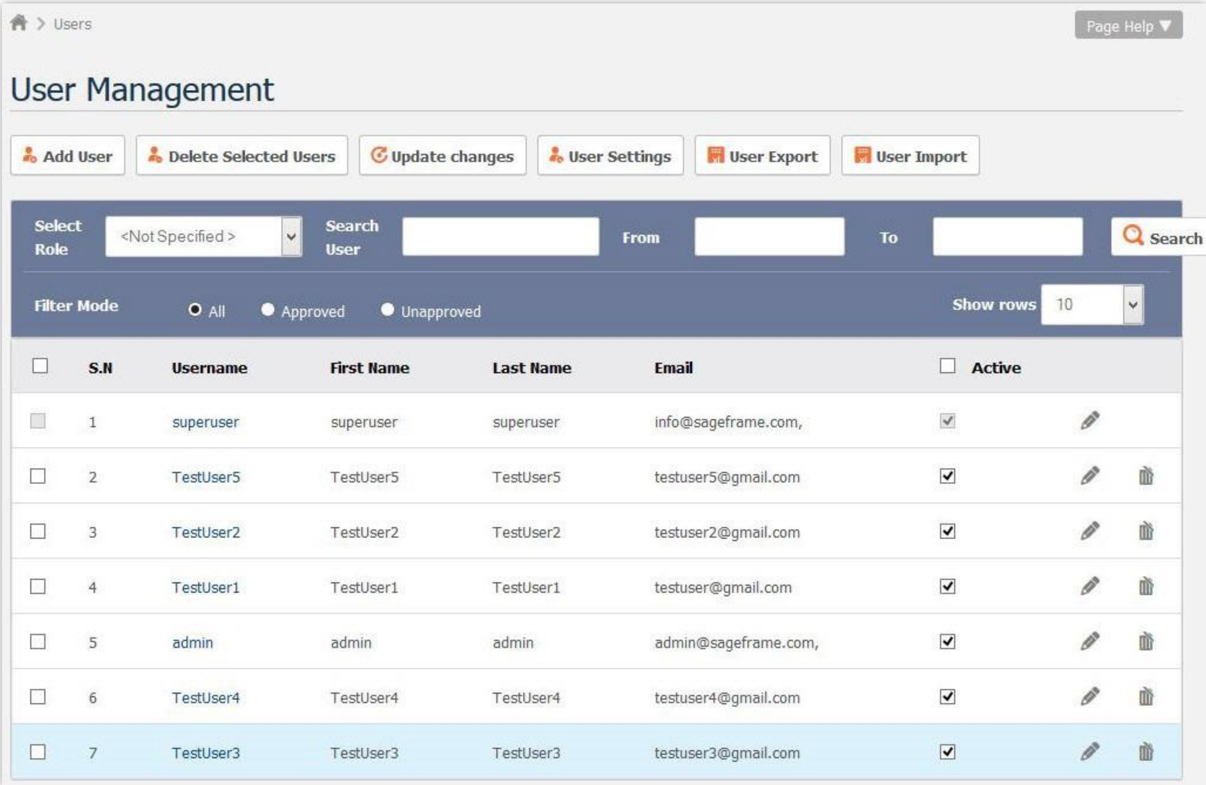


If same users or user emails are present, the import process is cancelled and you will receive the following message.

You can change or remove the duplicate users and then export the users again.



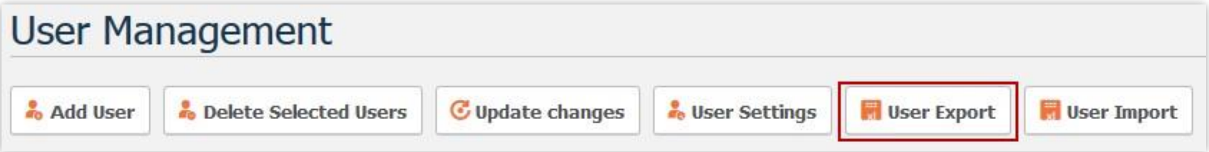
6. You can now see the imported users in the **User List.**



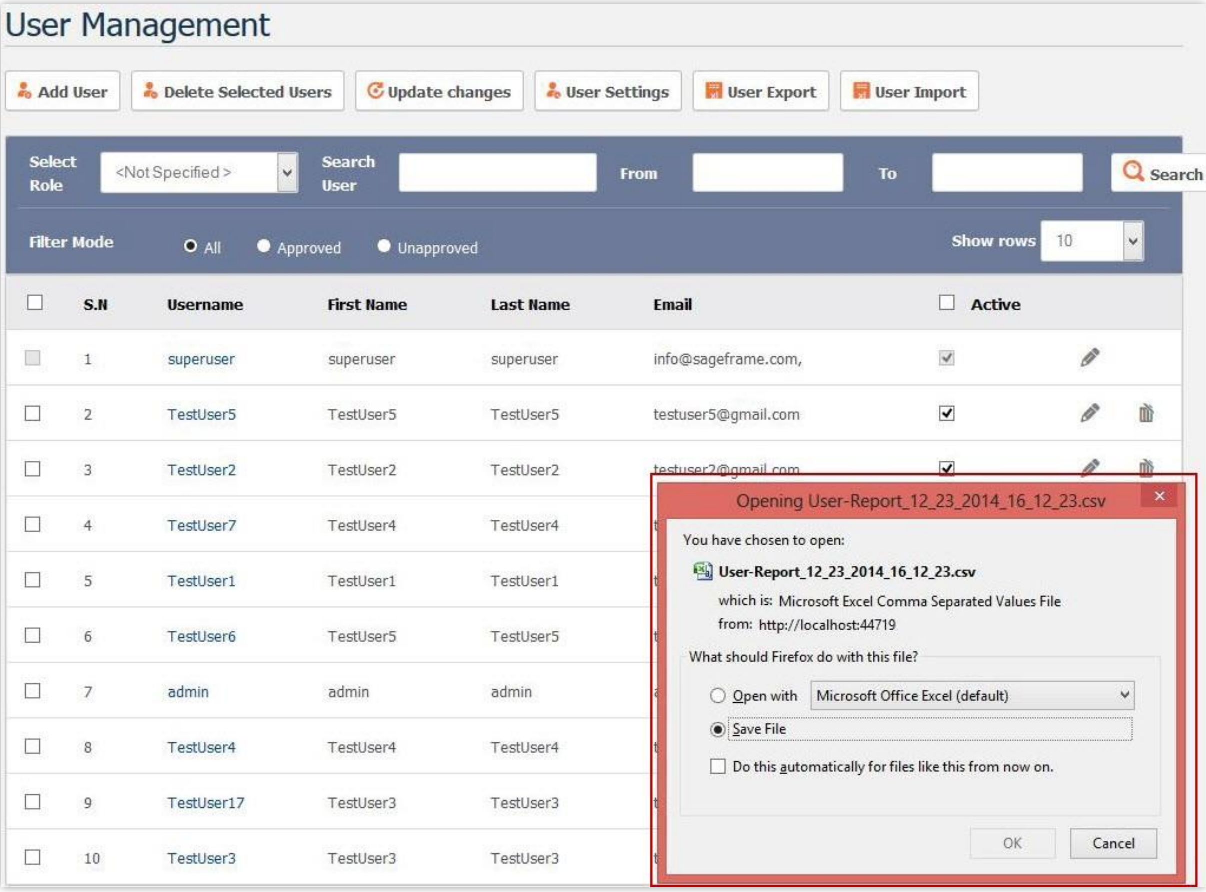
7. Also, the imported users based on roles will appear in the **Roles Management** page.

User Export

1. From the SageFrame **C-Panel,** click on **Users.**
2. From the **User Management** page, click on **User Export.**



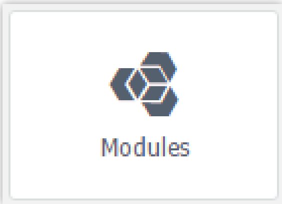
3. You will be prompted with an option to save a file in excel format. Save this file.



You can view the exported users in Excel sheet.

Working with Modules

In SageFrame, modules can be managed in a flexible way. Modules can be installed. They can also be created new. Moreover, a composite module can be created within this feature.



You can do the following from this page.

- Install a new module
- Create a module
- Learn about package settings
- Create a composite module
- Download other modules

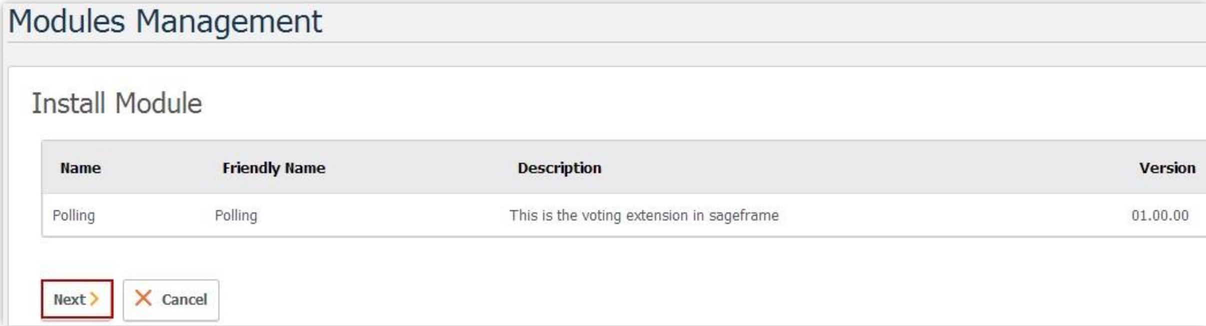
Install a Module

Apart from the SageFrame default modules, superuser can install modules as per their requirements. The .zip installation files of modules can be downloaded from SageFrame website.

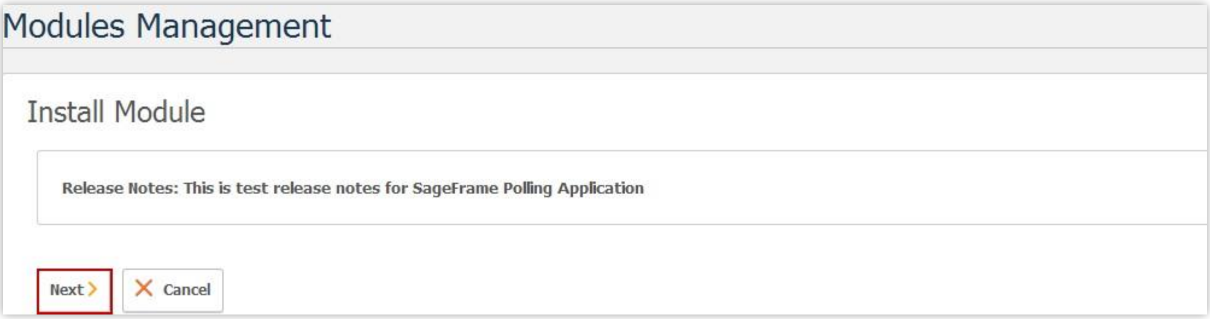
Follow the steps mentioned below to install a module.

1. From your SageFrame **C-Panel,** click on **Modules.**
2. **Modules Management** page will open. Click on **Install Module.**
3. Browse the .zip install file and then click on **Next** button to continue with installation.

4. Click on **Nest** to install module page where you can learn about release details of the module.

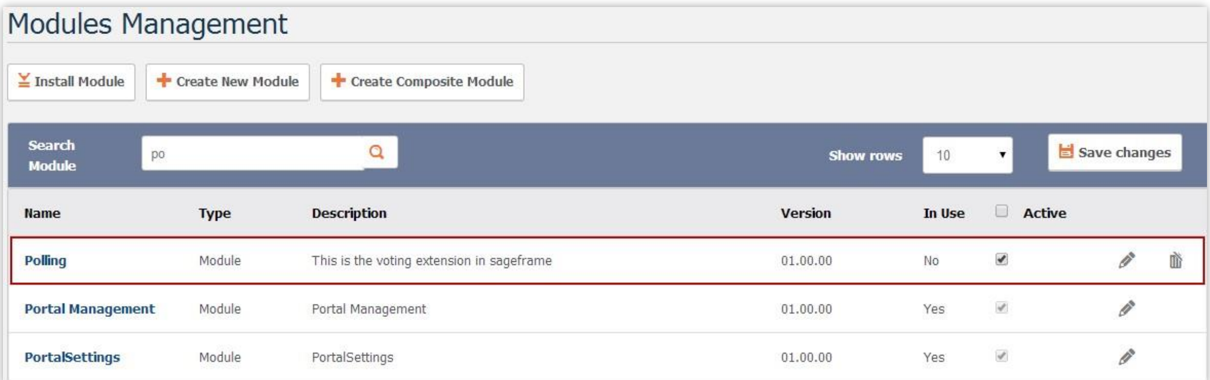


5. Read the **Release Note** and click on **Next** button.



6. Read the Modules License terms carefully and then click on **Accept License** to move forward. Click on **Next.**
7. Click on **Finish** button to complete the installation after you receive a notification saying **The module is installed successfully.**

   The newly installed module will be listed in **Module Management** page along with other modules as shown in the image below.

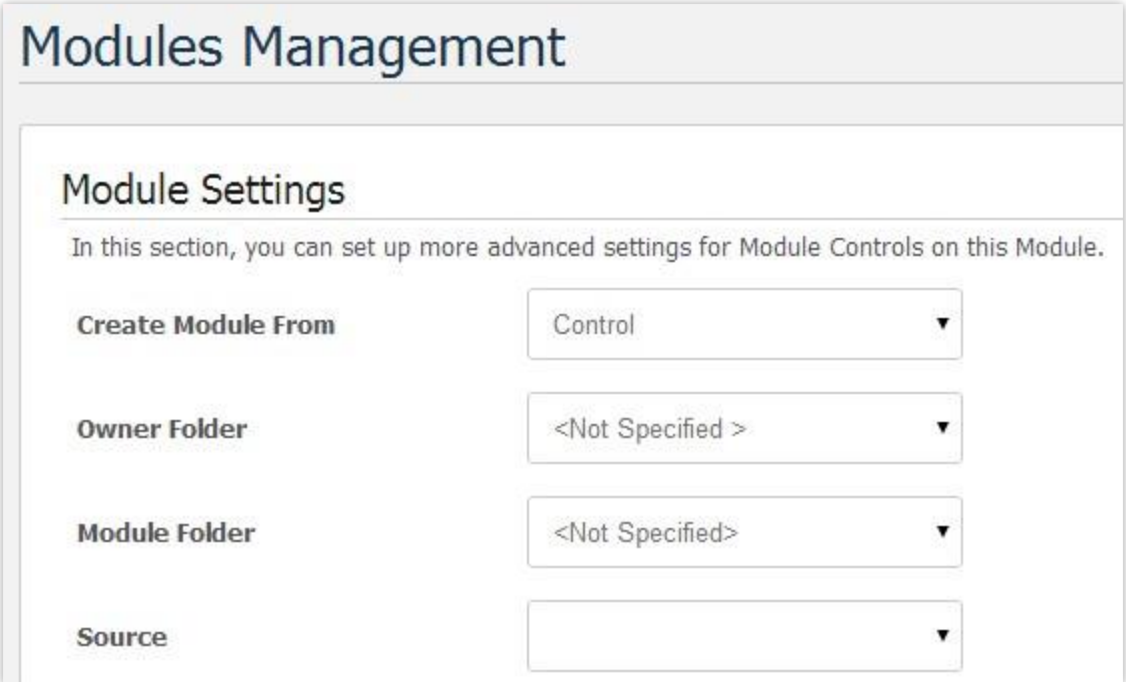


Create a Module

If you are unable to find an existing module that provides the functionality you want, you can use your own customized module.

Make sure to have a module first; and click on **Create New Module** button that will prompt you with fields to manage module settings, package settings and module control settings.

The below mentioned settings are being applied for demo module named **Testimonials.**

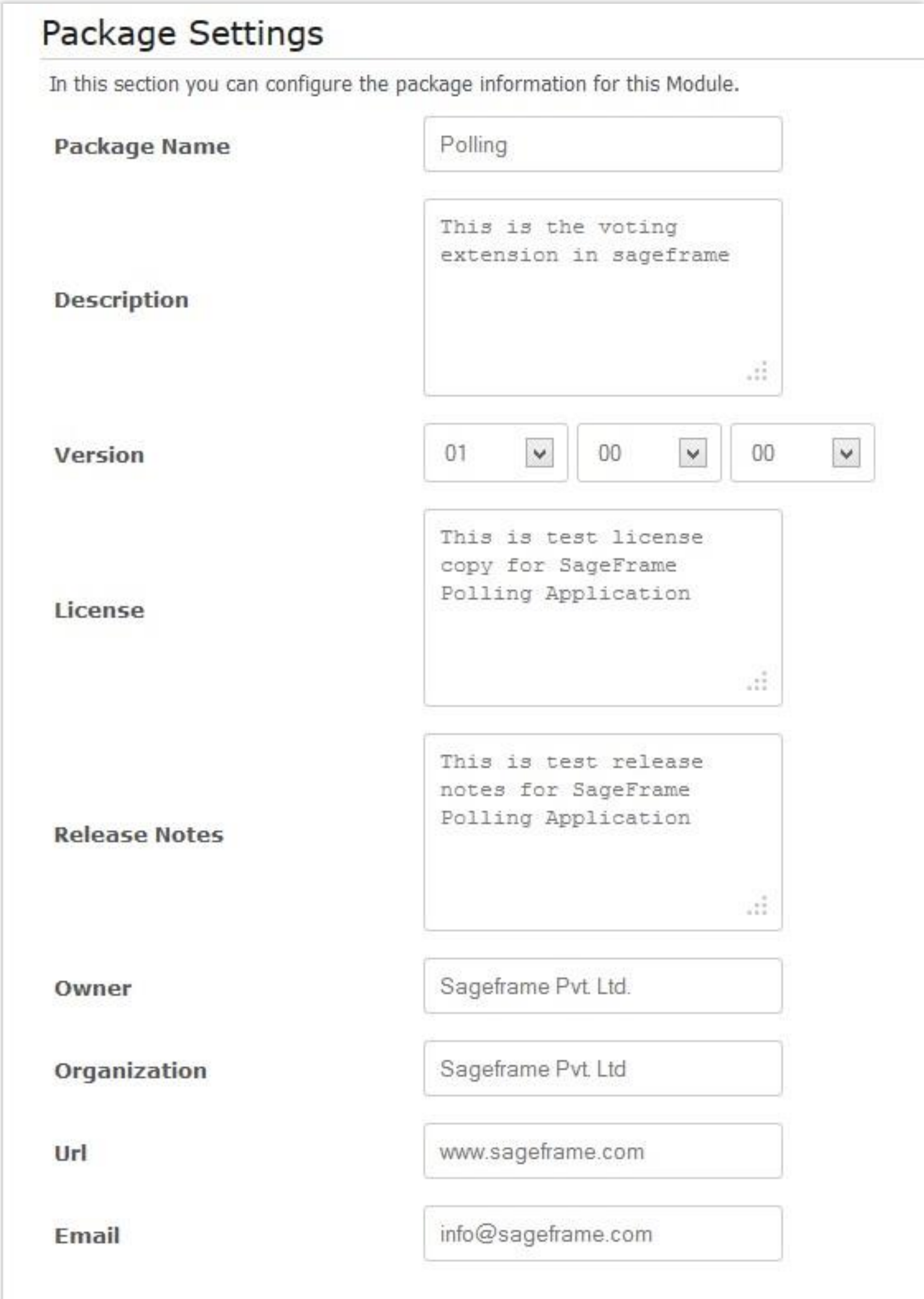


Refer to the table below to view Module Settings details.

Fields	Description
Create Module Form	The default is control, so leave it as it is.
Owner Folder	Select the admin folder if you are going to integrate the module created for admin settings.
Module Folder	Once you create a module, it will be listed down here. Choose a name for the module. For example, **Testimonial.**
Source	Source refers to user controls i.e. view, edit and settings. Here, you need to select **View** source.

Package Settings

The Package information of a module can be customized from this section.



Refer to the table below to learn about package setting details.

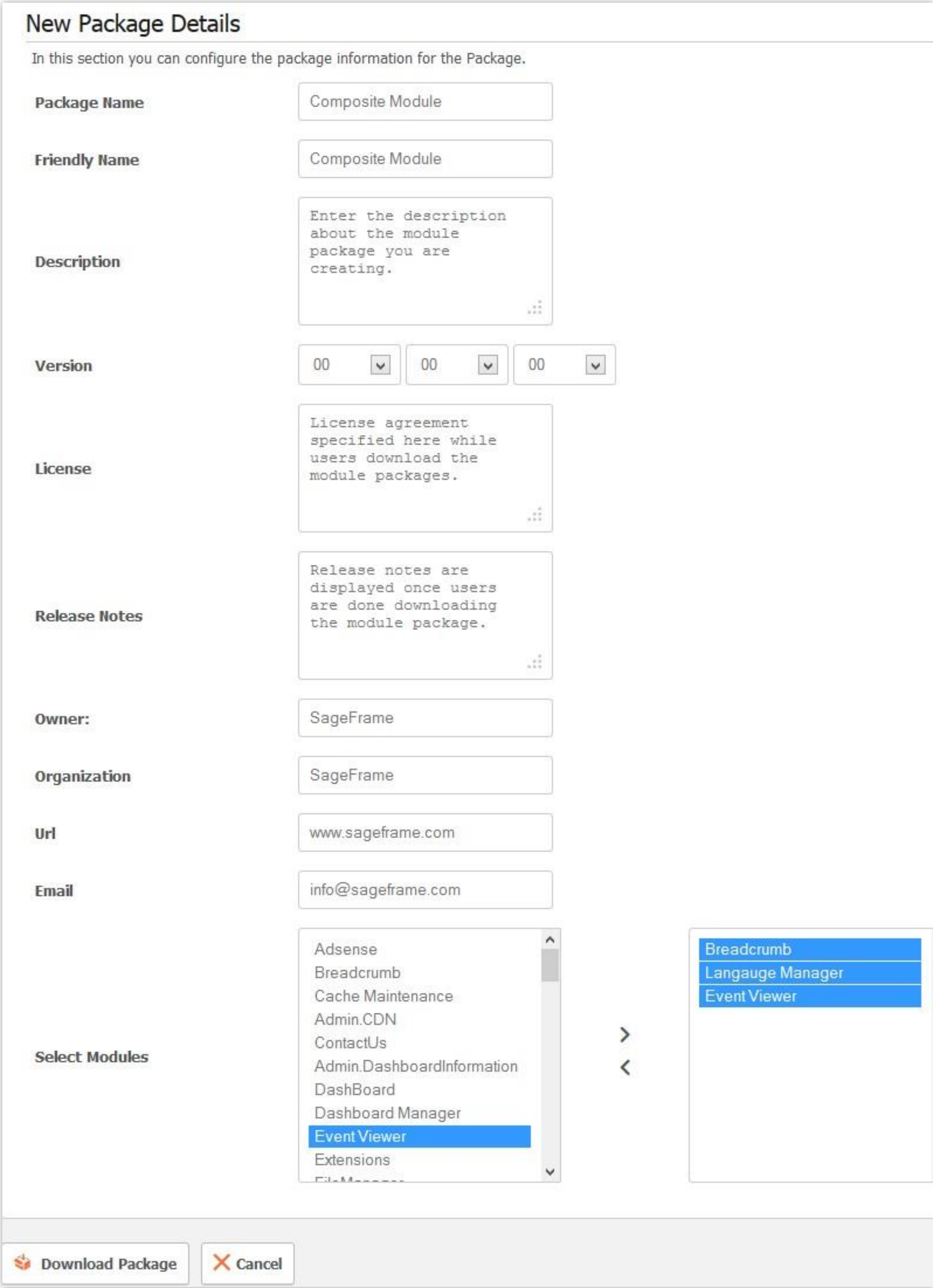
Fields	Description
Package Name	Enter a suitable name for the package.
Description	This description will appear while installation.
Version	Enter the version of the software; this will be a great help while upgrading.
License	License agreement message written here will appear while the user downloads the module.
Release Notes	Release Note appears after the user downloads the module.
Owner	Enter the name of the owner of the module.
Organization	Enter the name of the organization.
URL	Enter the URL of your site.
Email	Enter your valid email address.

Create a Composite Module

With **Composite Module** feature, you can create a compound .zip file for multiple modules.

Follow the steps mentioned below to create a composite module.

1. From your SageFrame **C-Panel,** click on **Modules.**
2. In the **Modules Management** page, click on **Create Composite Module** button which prompts you with a form for **New Package Details.**


New Package Details
In this section you can configure the package information for the Package.
Package Name
Composite Module
Friendly Name
Composite Module
Description
Enter the description about the module package you are creating.
Version
00
00
00
License
License agreement specified here while users download the module packages.
Release Notes
Release notes are displayed once users are done downloading the module package.
Owner:
SageFrame
Organization
SageFrame
Url
www.sageframe.com
Email
info@sageframe.com
Select Modules
Adsense
Breadcrumb
Cache Maintenance
Admin.CDN
ContactUs
Admin.DashboardInformation
DashBoard
Dashboard Manager
Event Viewer
Extensions
Breadcrumb
Langauge Manager
Event Viewer
Download Package
Cancel

3. Refer to the table to learn more about Composite Module details.

Fields	Description
Package Name	Enter a suitable name for the package.
Friendly Name	Enter a friendly name like a username for the module package.
Description	Enter a brief description about the module package that you are creating.
Version	Specify the version of the composite module package.
License	License agreement message written here will appear while the user downloads the module.
Release Notes	Release note appears after the user downloads the module.
Owner	Enter the name of the owner of the composite module.
Organization	Enter the name of the organization.
URL	Enter the URL of your site.
Email	Enter your valid email address.
Select Modules	Select the modules that is to be compressed together in one package.

Once you are done with filling all the details, click on **Download Package** button to create and download a .zip file of the composite module package.

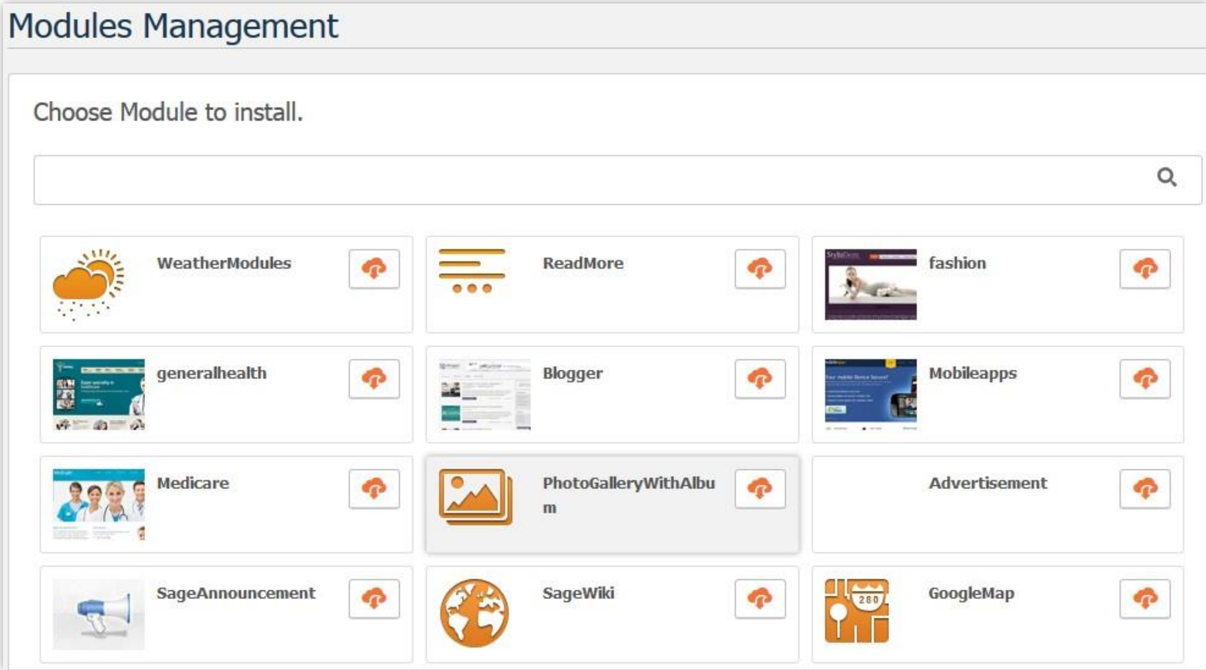
Download Modules

In the new version of SageFrame, superusers can download modules online and install them to the system.

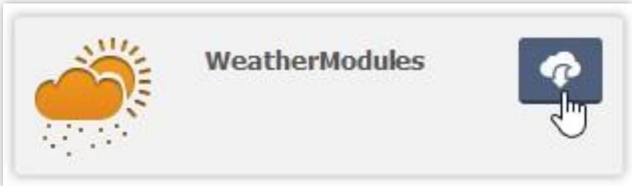
Follow the steps mentioned below to download a module.

1. From your SageFrame **C-Panel,** click on **Modules.**

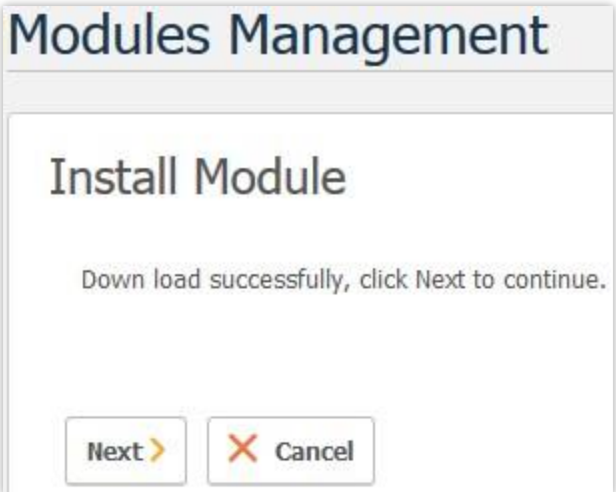
2. In **Module Management** page, click on **Download Modules** button which will prompt you with a page from where you can install mod



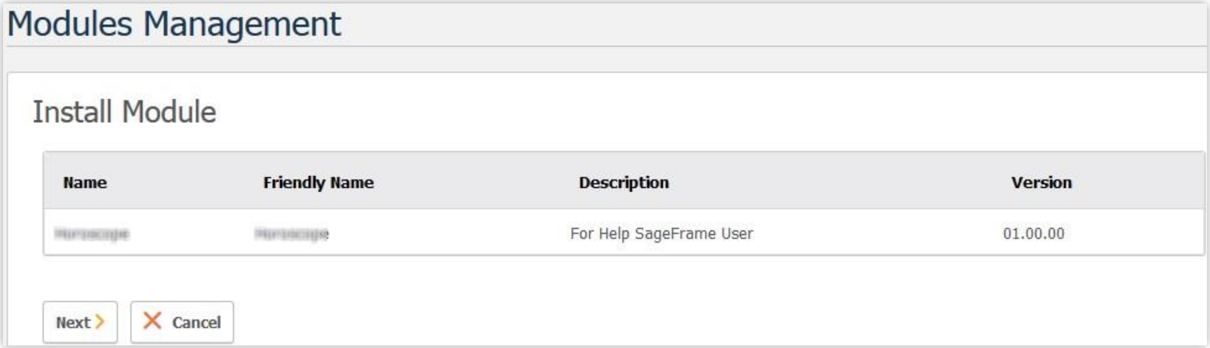
3. Click on the module that you want to install.



4. For your convenience, we have selected **WeatherModules** for installation. Once the install button is clicked you will receive a message as seen in the image below.

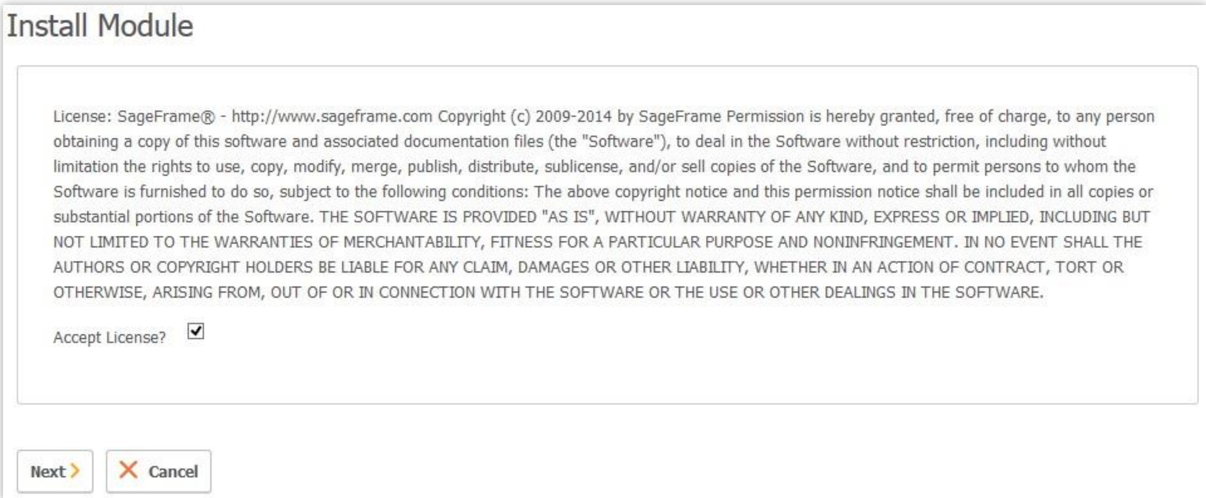


5. Click on **Next.** You will be led to **Install Module** page where you can view module details like **Name, Friendly Name, Description** and **Version** as shown below.



6. Click on **Next.** Then a **Release Note** will be displayed.

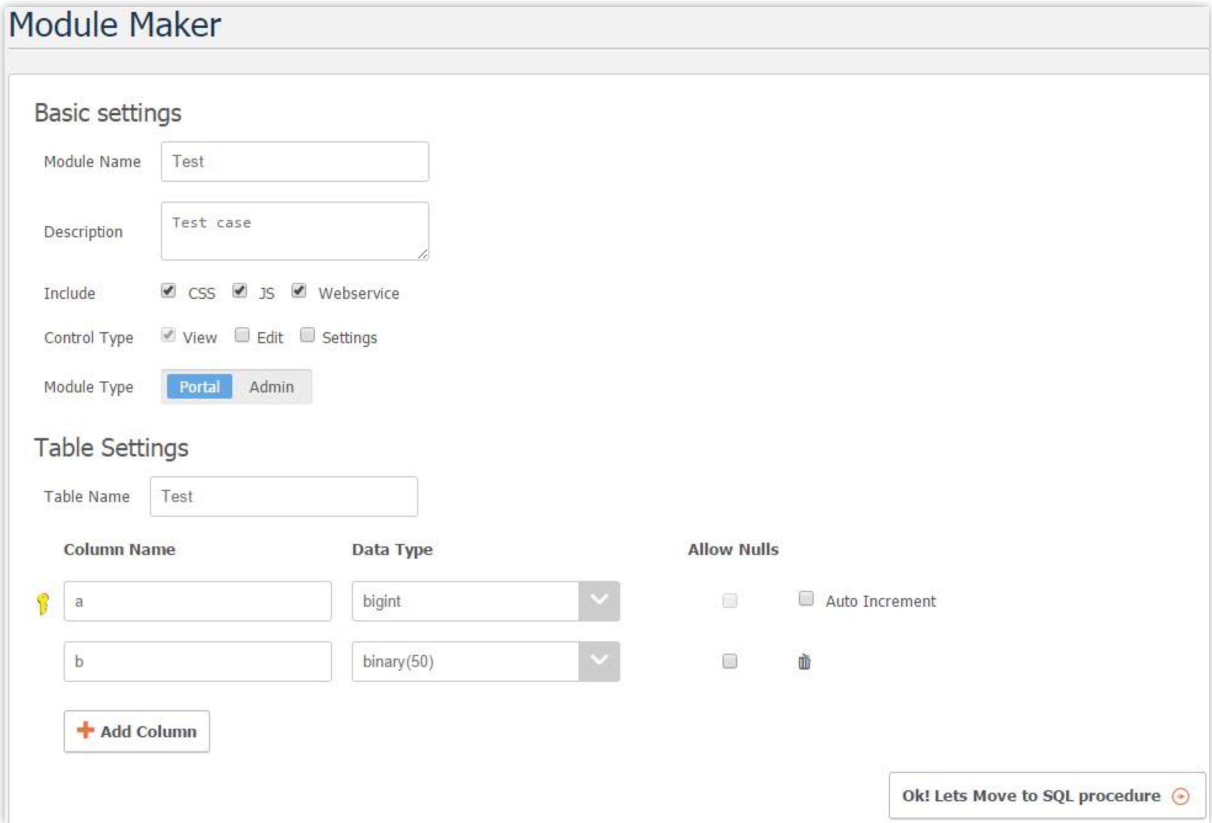
7. Finally, click on **Accept License** checkbox to approve the license and then click **Next** to finalize the installation.



Working with Module Maker

Module Maker creates modules from SageFrame without the need to manage, view, edit and settings for each module along with CSS, JS and Web Services. Now with this, the developers have to insert the logic part only. This saves a lot of time as creating each and every module takes many days.

From your SageFrame **C-Panel,** click on **Module Maker.** You will land on the following page.



Enter the form for **Basic Settings** with the following details.

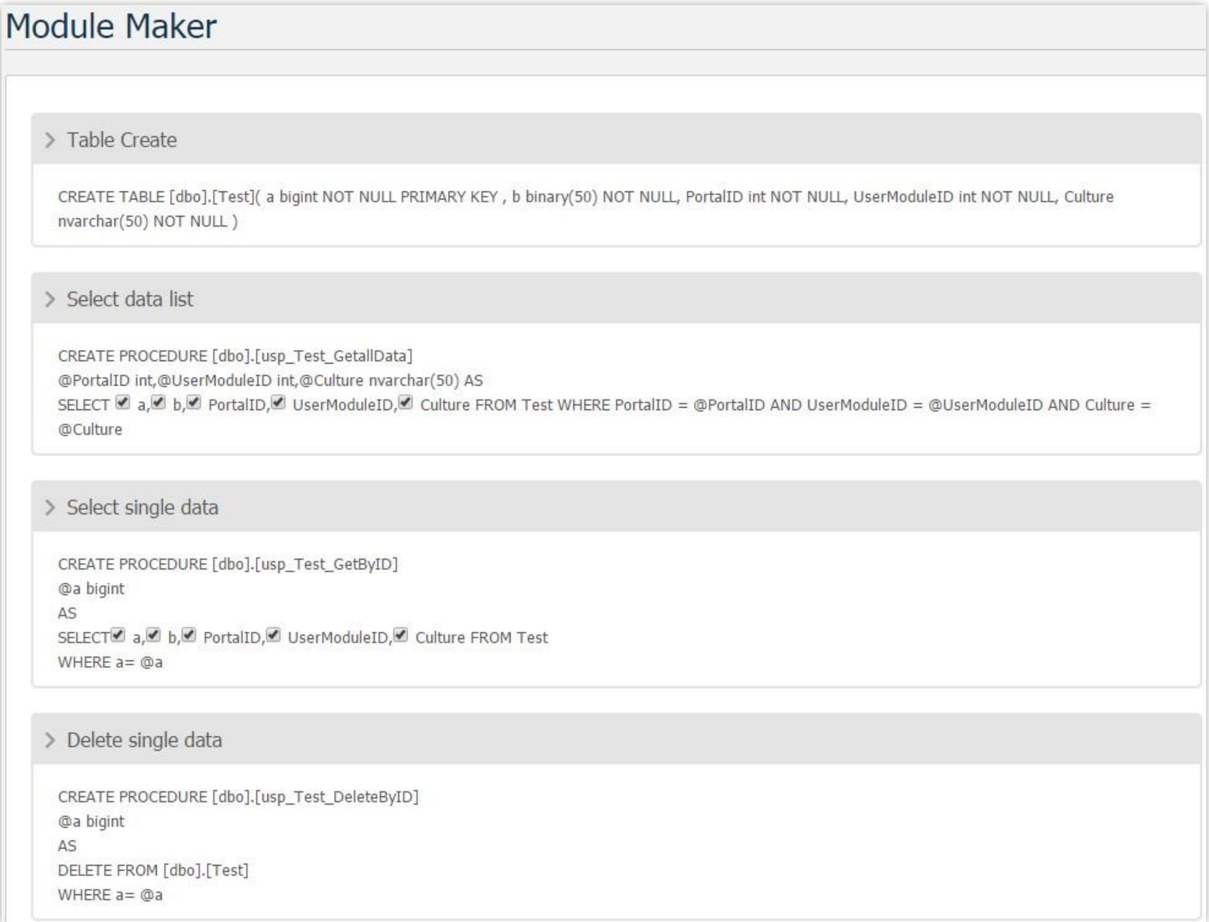
Fields	Description
Module Name	Enter a suitable name for the module.
Description	Give a brief and relevant description for the module.
Include	Check if you requires CSS and JS as well as Web Service.

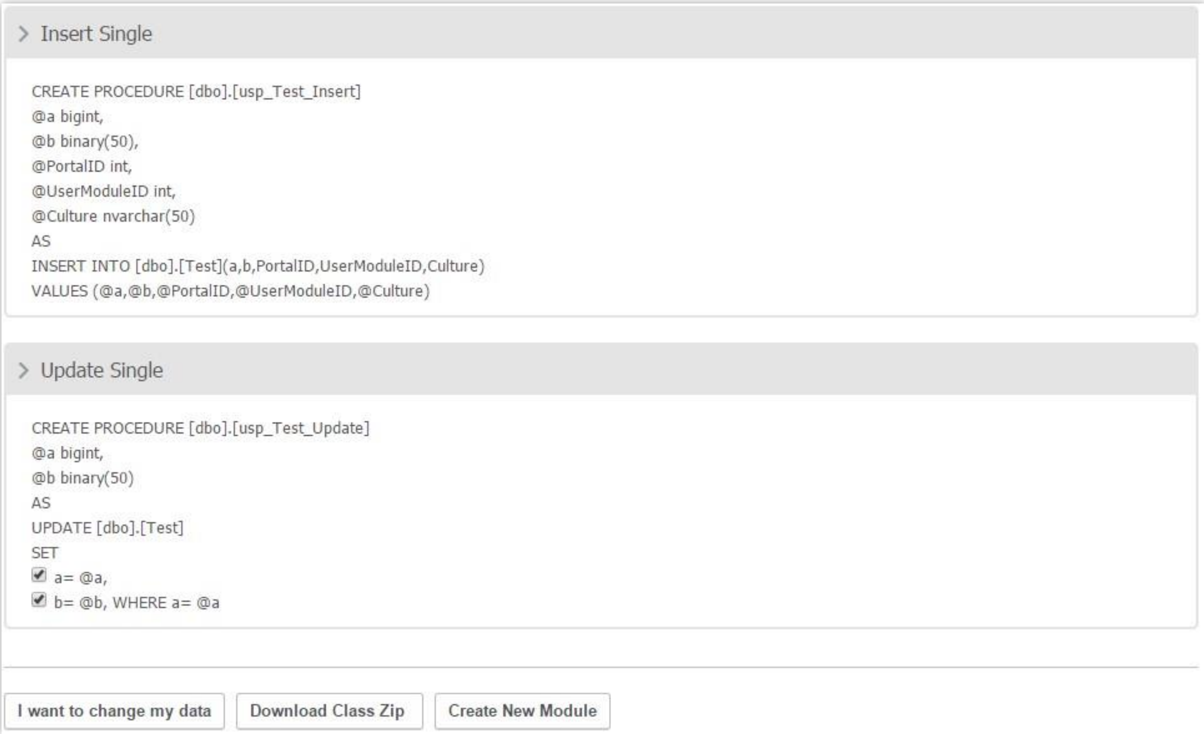
Control Type	Check on options for **View, Edit** and **Settings.**
Module Type	Choose the module type from **Portal** and **Admin.**

Next, enter the form for **Table Settings** with the following details.

Fields	Description
Table Name	Enter a suitable name for the table.
Column Name	Enter a suitable column name.
Data Type	Choose data type from the dropdown list.
Allow Nulls	Checkmark if you want to allow nulls.

Click on **Add Column** button to insert as many columns as you want. Then click on **Ok! Let's Move to SQL Procedure** button to save this and move on. You will land on the following page as shown in the image below.





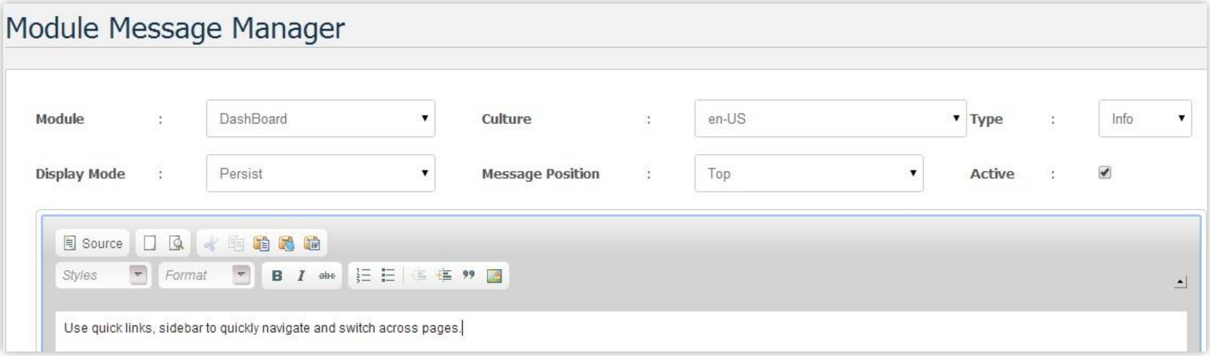
Click on **I want to change my data** button to change the data and you will once again land on the previous page where you can edit the settings. To download the zip file, click on **Download Class Zip** button and to create new module, click on **Create New Module** button.

Working with Module Message

Module Message is an information bar that appears when a new page is opened. The bar contains a brief description about the page that one has opened. The message can be displayed either at the top or bottom of the page.

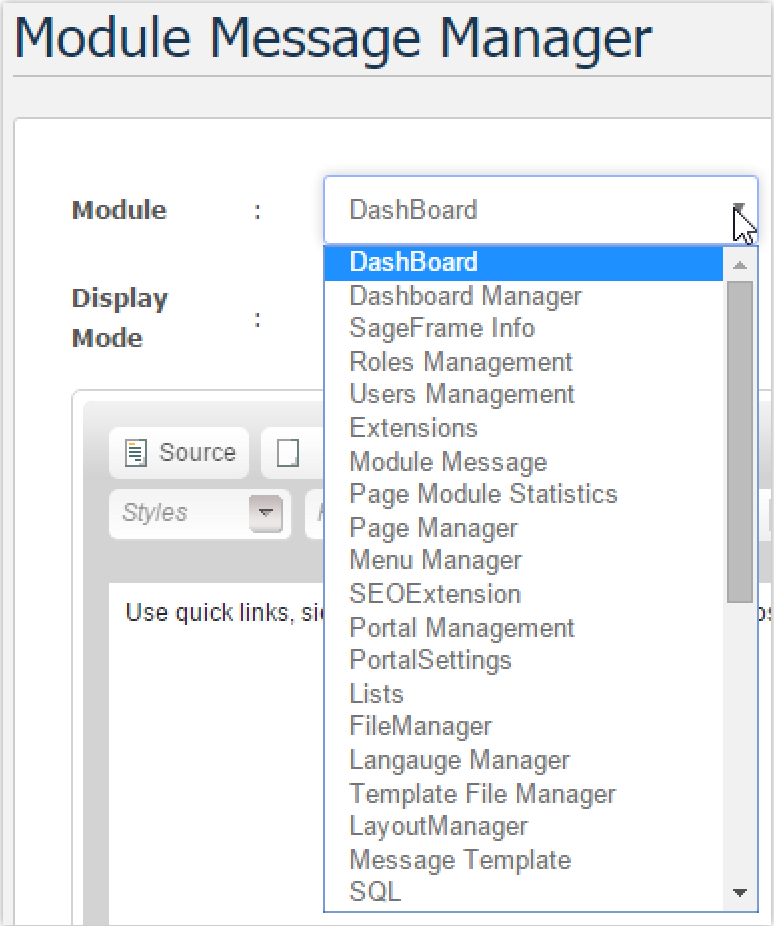
Add New Module Message to a page

1. From your SageFrame **C-Panel,** click on **Module Message.**
2. You will land on **Module Message Manager** page.

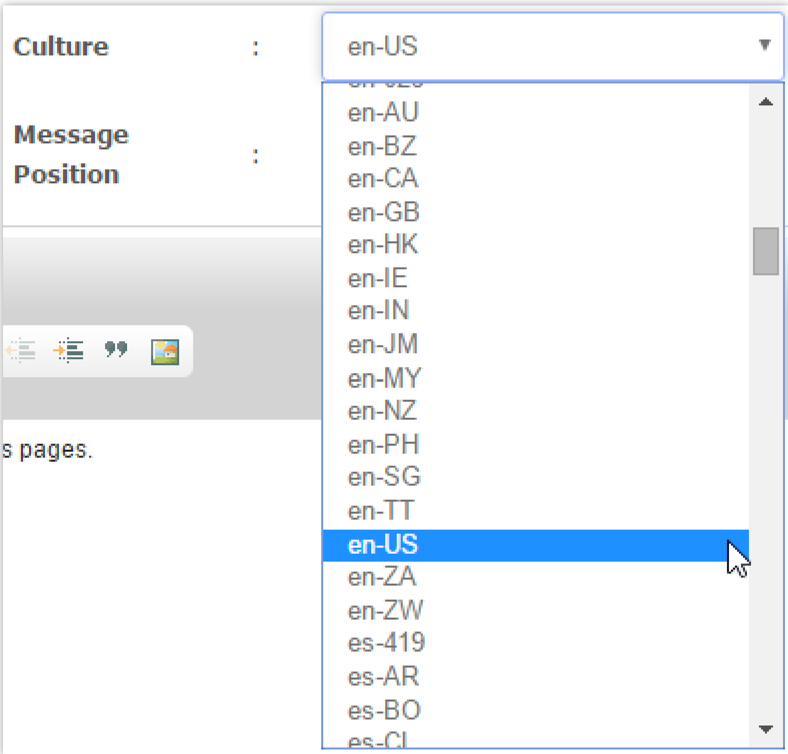


3. You need to fill in information for a few fields.

   Module: Select the Module from the dropdown list for which you want to add the module message to.

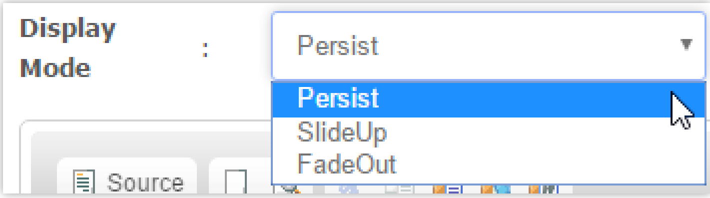


Culture: Select the culture from the dropdown list i.e. the language for the message.

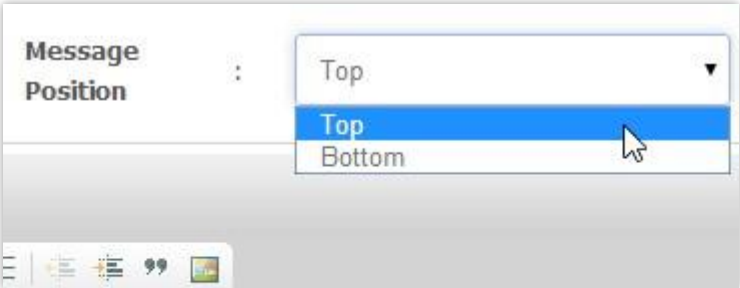


Type: Select the message type to either be an informatics message or a warning.

Display Mode: You have three options for Display Mode – **Persist, SlideUp** and **FadeOut.**

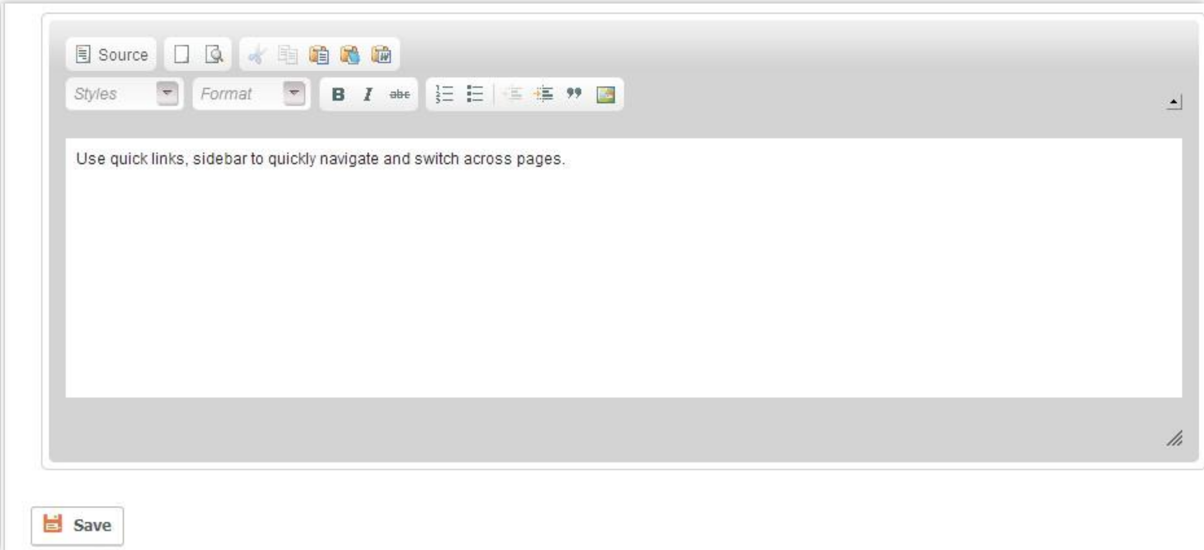


Message Position: You can select the position of the message to be either at the top or bottom.



Active: Checkmark the **Active** checkbox to enable the module message.

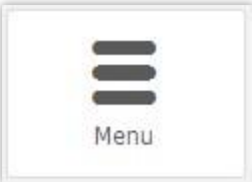
4. Now, type the message that you want to display in the message bar. Click on **Save** to save this information.



Now that you have created and saved a message for the module Dashboard, the message bar will appear when we open the Dashboard from SageFrame C-Panel.

Working with Menu

SageFrame **Menu Manager** creates list-driven menus for your pages making navigation easy and flexible. With **Menu Manager** module, you can create dynamic menus, add/delete pages in any menu and add external links and custom HTML content. SageFrame comes with **Main Menu** and **Footer Menu** by default.

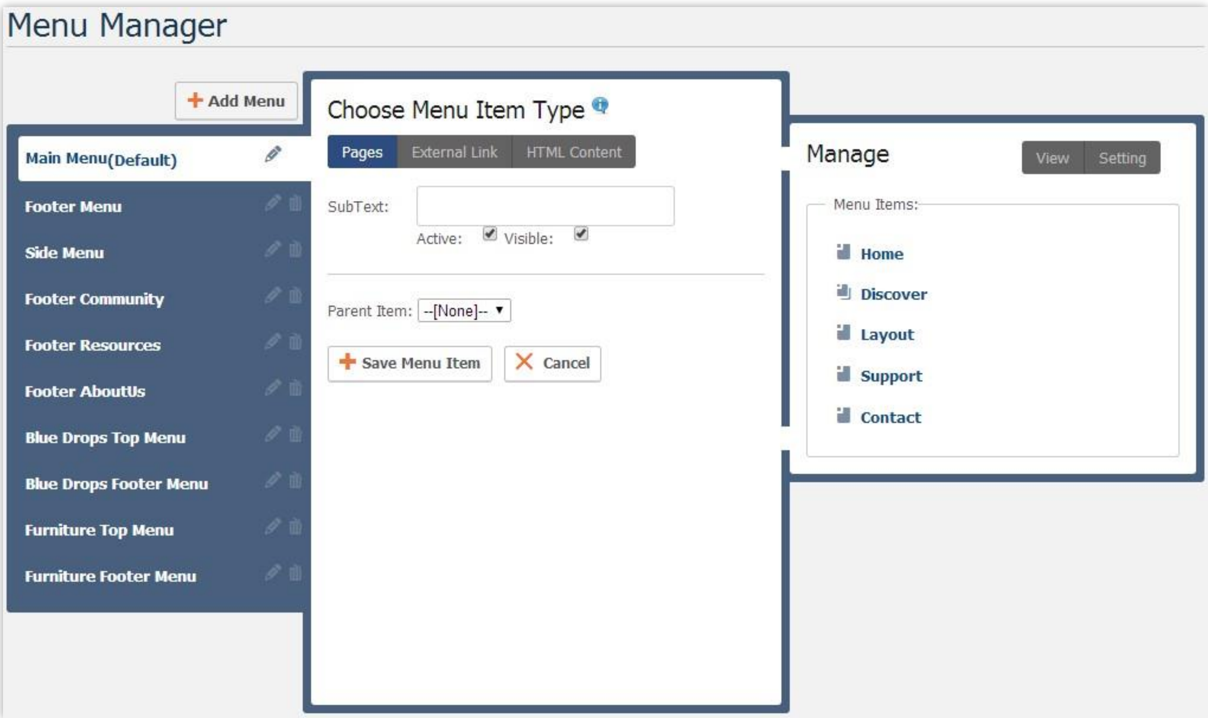


You can do the following from this page.

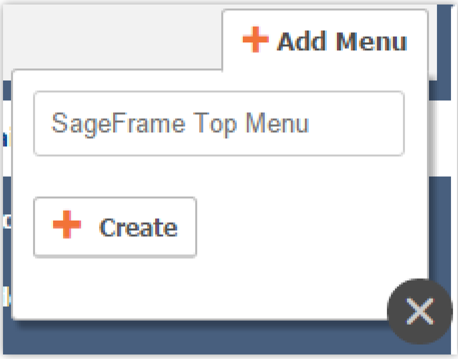
- Add a menu
- Choose menu item type
- Manage menu
- Manage menu from the front-end

Add New Menu

1. From your SageFrame **C-Panel,** click on **Menu.**



2. In the **Menu Manager** page, click on **Add Menu.**



3. Enter the name of the menu that you wish to add in the textbox.
4. Click on **Create.**
5. The newly added Menu will now be displayed along with other menu lists.

Choose the Menu Item Type

Administrators and superusers can select the items/categories that the menu will contain. You can add **Pages, External Link** and **HTML Content.**

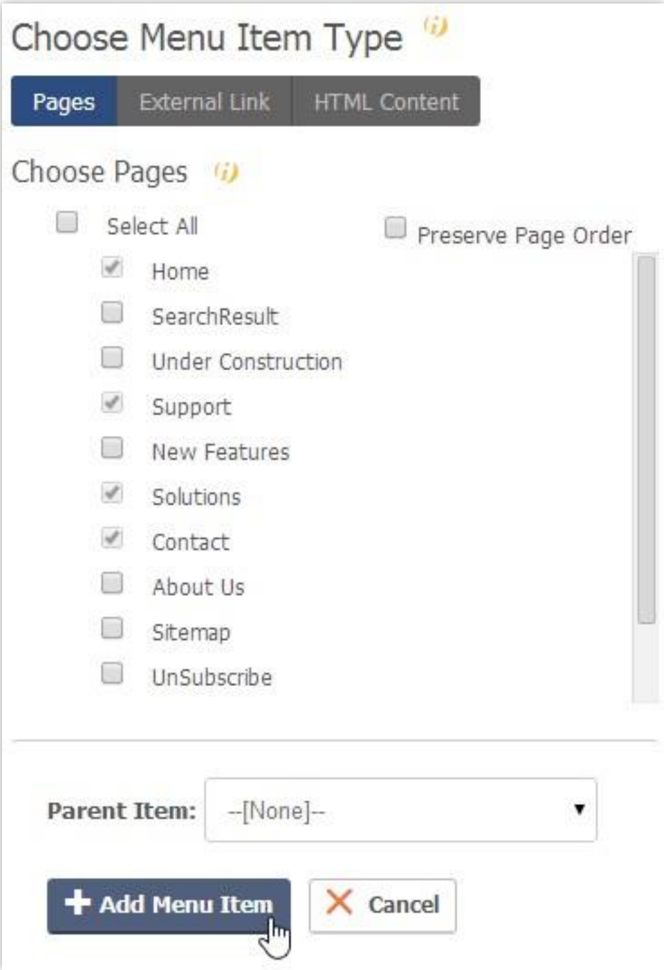
You can do the following from here.

- Add pages to the menu.
- Add a child page or subcategories to the menu.
- Add external links to the menu.
- Add HTML content to the menu.

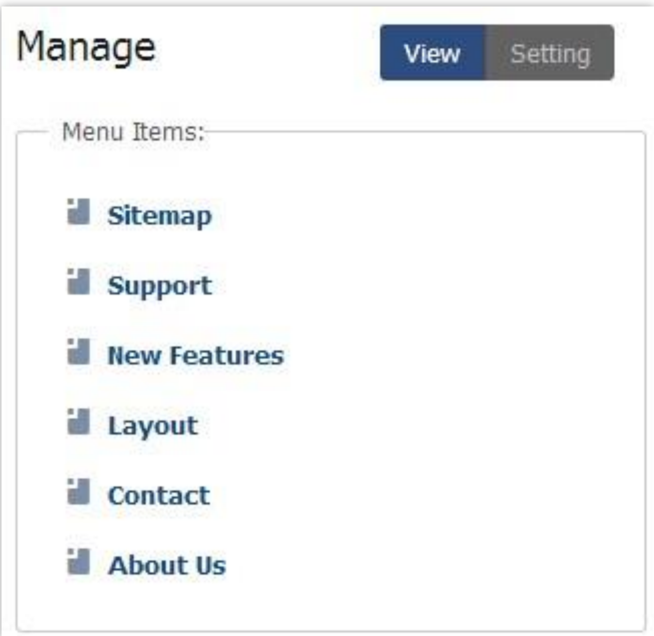
Add Pages to the Menu

1. Select the menu tab where you want to add the pages.
2. Then select on the **Pages** tab in **Choose Menu Item Type** section to add pages to the menu.

3. Choose the pages that you want to add by clicking on the checkboxes from the list and click on **Add Menu Item** button.

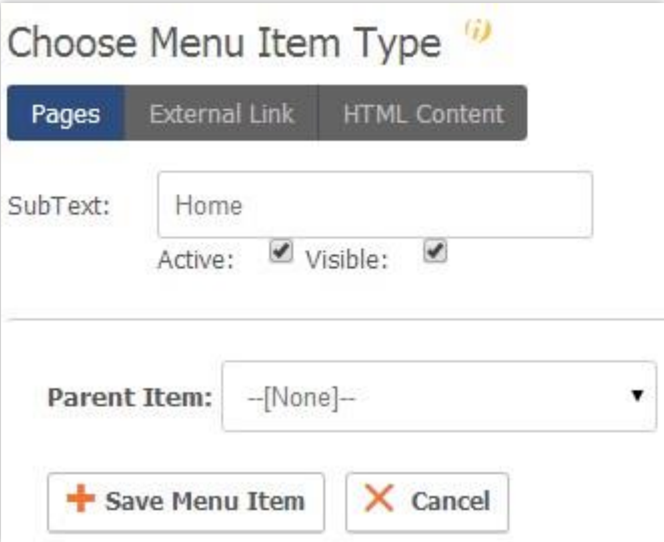


4. The pages assigned to the menu will now be listed in **Manage** section on the right side of **Menu Manager** page.



Add Child pages or Subcategories to the Menu

1. Follow the same steps from **Add Pages to the Menu.**
2. Once the added pages are listed in **Manage** section, click on **Menu Items** that you want to place as a subcategory.



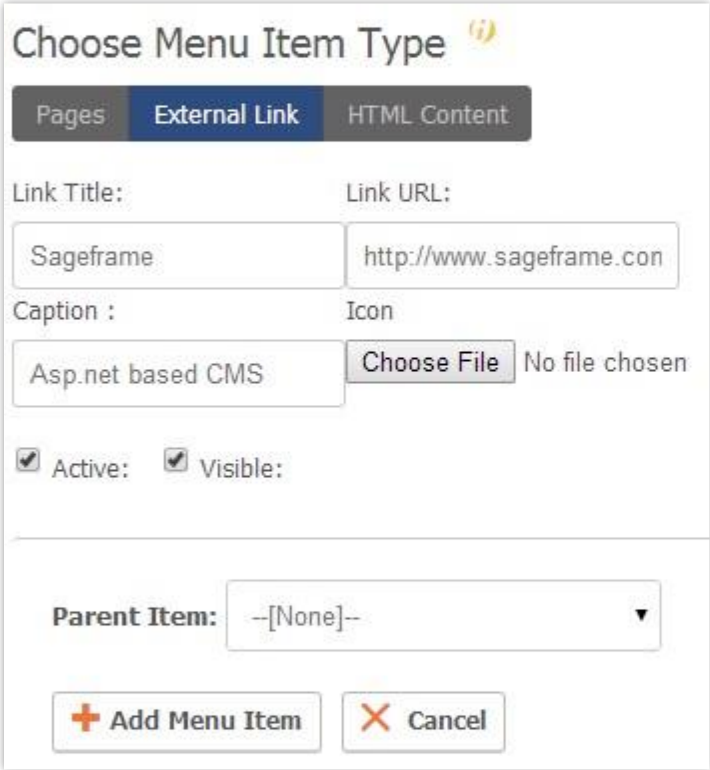
3. Click on **Save Menu Item** once you are done. For your convenience, we have listed **Support** as a child page to **Contact** as seen in the image below.

Add External Links to the Menu

External Link is a term referred to other websites or pages by linking to good sites with quality information; this increases the site's credibility. It also helps to improve the SEO rankings of your website.

Follow the steps mentioned below to add an external link.

1. Select a **Menu** and click on **External Link** tab in the **Choose Menu Item Type** option.



2. Enter the details with valid information. Refer to the table below for a brief description.

Fields	Description
Link Title	Enter the name of the link. When a user clicks on this, they will be redirected to the targeted space.
Link URL	The address of the page to which the user will be redirected to. For example, http://www.sageframe.com. ***Note:*** *Make sure to enter the full URL starting with* ***http://***
Caption	Enter a short explanation about the link.
Icon (Optional)	Select an icon for the link. This image will appear beside the link title.
Active	Check the checkbox to activate the link.
Visible	Check the checkbox to display the link in the page. ***Note:*** *Setting the link as* ***Visible*** *will only display the link in the page, it will not redirect to any other page until the link is set as* ***Active.***

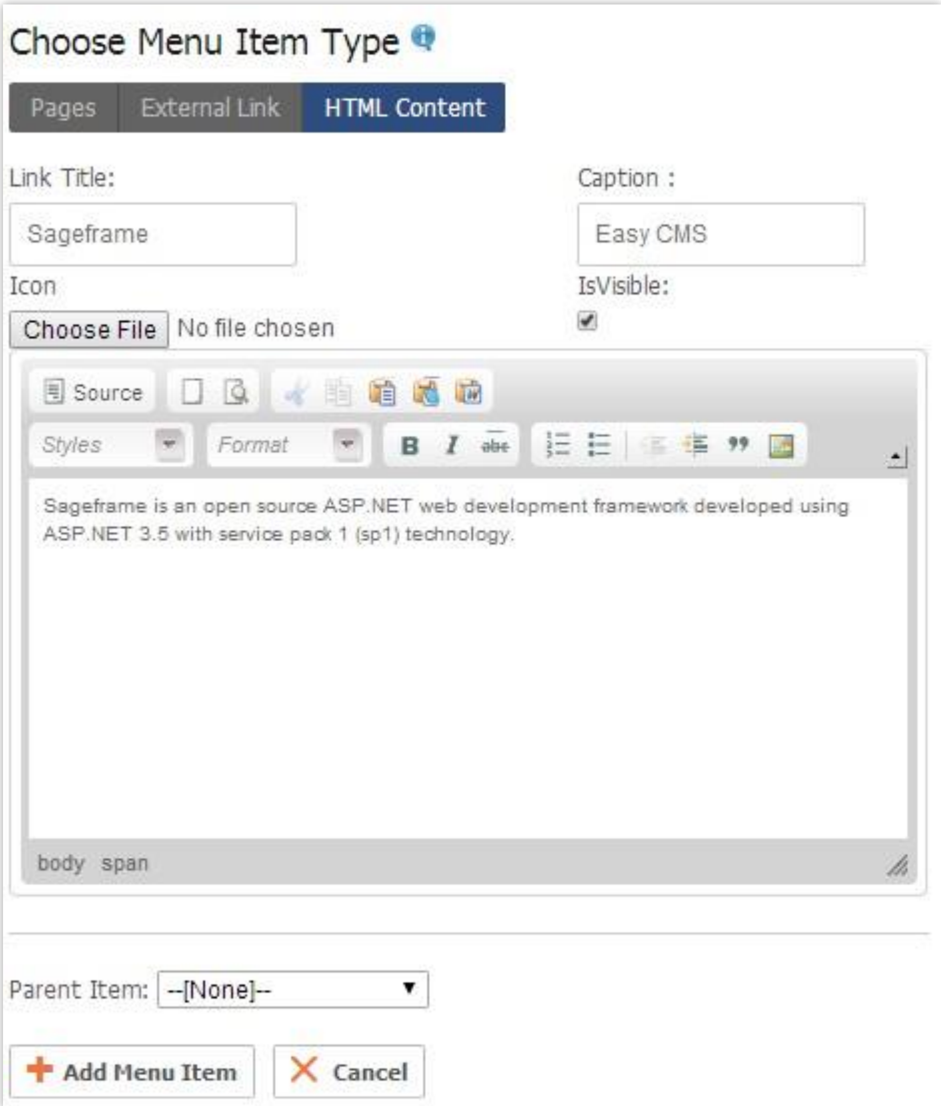
3. Click on **Add Menu Item** button after entering the details. This external link will now be listed in the **Manage** section along with other pages.

Add HTML Content to the Menu

Administrators and superusers can add HTML content to the menu. To do this, follow the steps mentioned below.

1. Select a menu to which you want to add the HTML content.

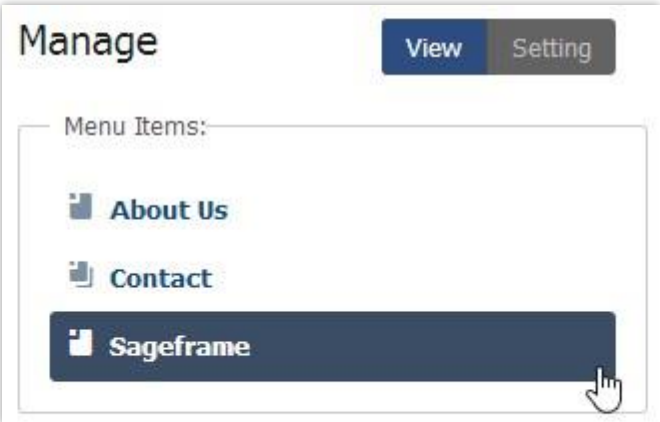
2. Click on **HTML Content** tab in the **Choose Menu Item Type** option.



3. Enter the details with valid information. Refer to the table below for a brief description.

Fields	Description
Link Title	Enter the name of the HTML Content. Hovering on this will display the content.
Caption	Give a short explanation about the link. This will appear along with Link Title. You have the option to hide the caption as well. To do this, refer to **Managing the Menu.**
Icon (Optional)	Select the icon for the link. This image will appear beside Link Title.
IsVisible	Check the checkbox to make the content visible on the page.
WYSIWYG Editor	Enter the content in the **Source code** section that is to be displayed.
Parent Item	If the HTML content that you are creating falls under the category of any other existing page then select the parent page for the HTML Content from the dropdown list.

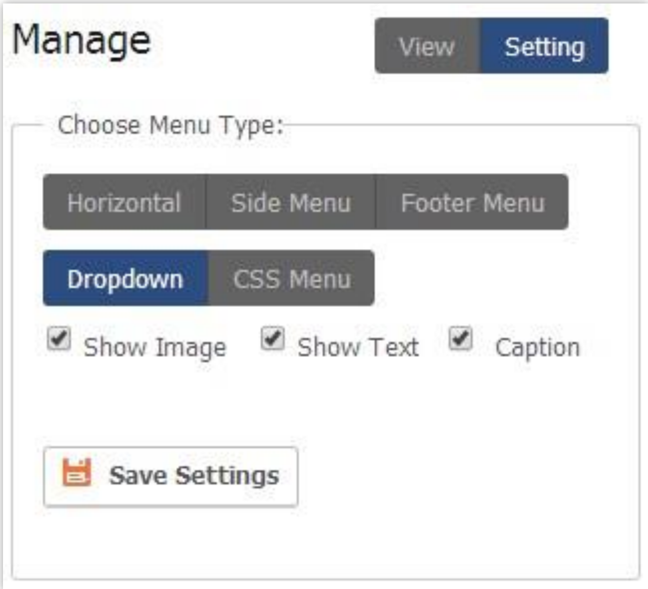
4. Click on **Add Menu Item** button and this HTML Content will be listed in the **Manage** section.



Manage the Menu

SageFrame provides you with the flexibility to choose menu style from the multiple style available. It lets you manage menus using View and Settings. Follow the steps mentioned below.

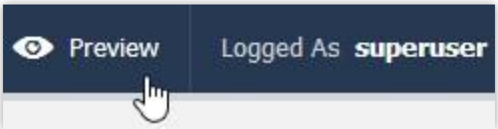
1. Select any menu from the available options. For your convenience, we have shown settings for **SageFrame Top Menu.**
2. Click on **Setting** tab in the **Manage** section. This prompts you with fields to manage the appearance settings of the menu.



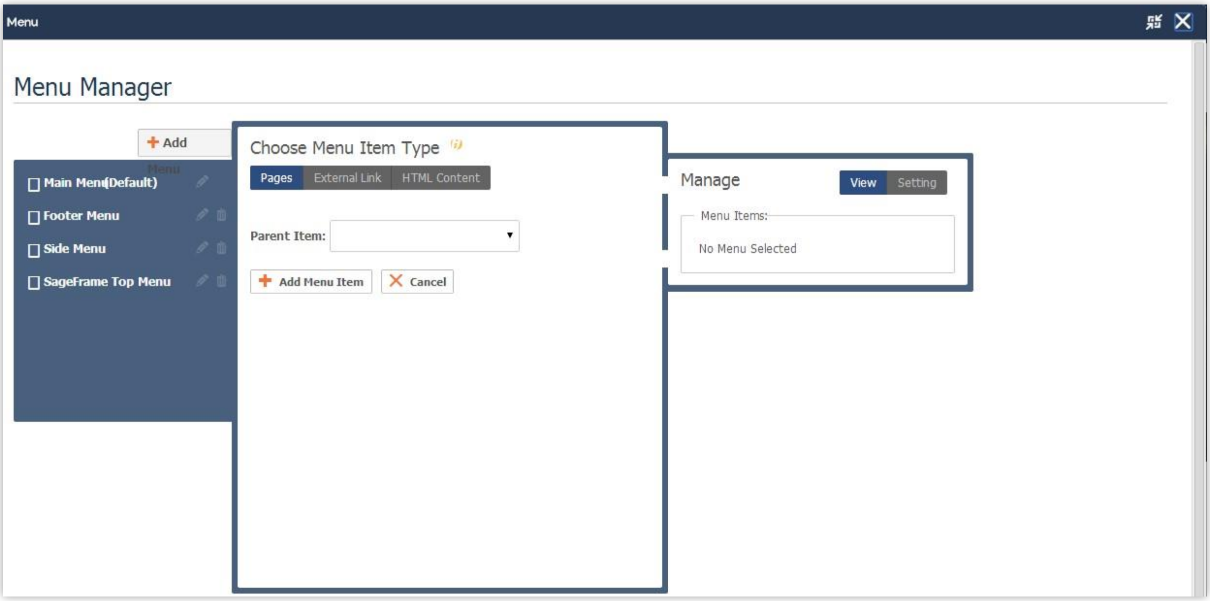
3. Select the menu type according to your need. We have options like **Horizontal, Side Menu, Footer Menu, Dropdown** and **CSS Menu.**
4. Checkmark on the checkbox for options like **Show Image, Show Text** and **Caption.**
5. Once you are done, click on **Save Settings** button.

Manage Menu from the Front End

1. Click on **Preview** option placed at the top right corner of Top Sticky bar to visit the menu in the website.



2. Click on the **Pencil** icon on placed at the top corner of the window. You will be prompted with a pop-up window to edit and activate the menu. Click on the checkbox of the menu that you want to activate.



3. Click on **Save** button.

Working with Pages and Page Modules

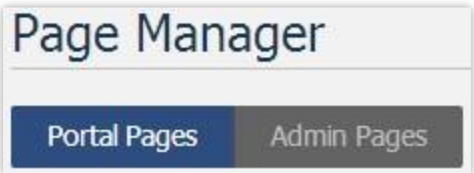
Page Manager and **Page Module Manager** go side by side in SageFrame. **Page Manager** creates and manages the pages for the site whereas **Page Module Manager** provides a template-based module to build each of those pages.

Working with Pages

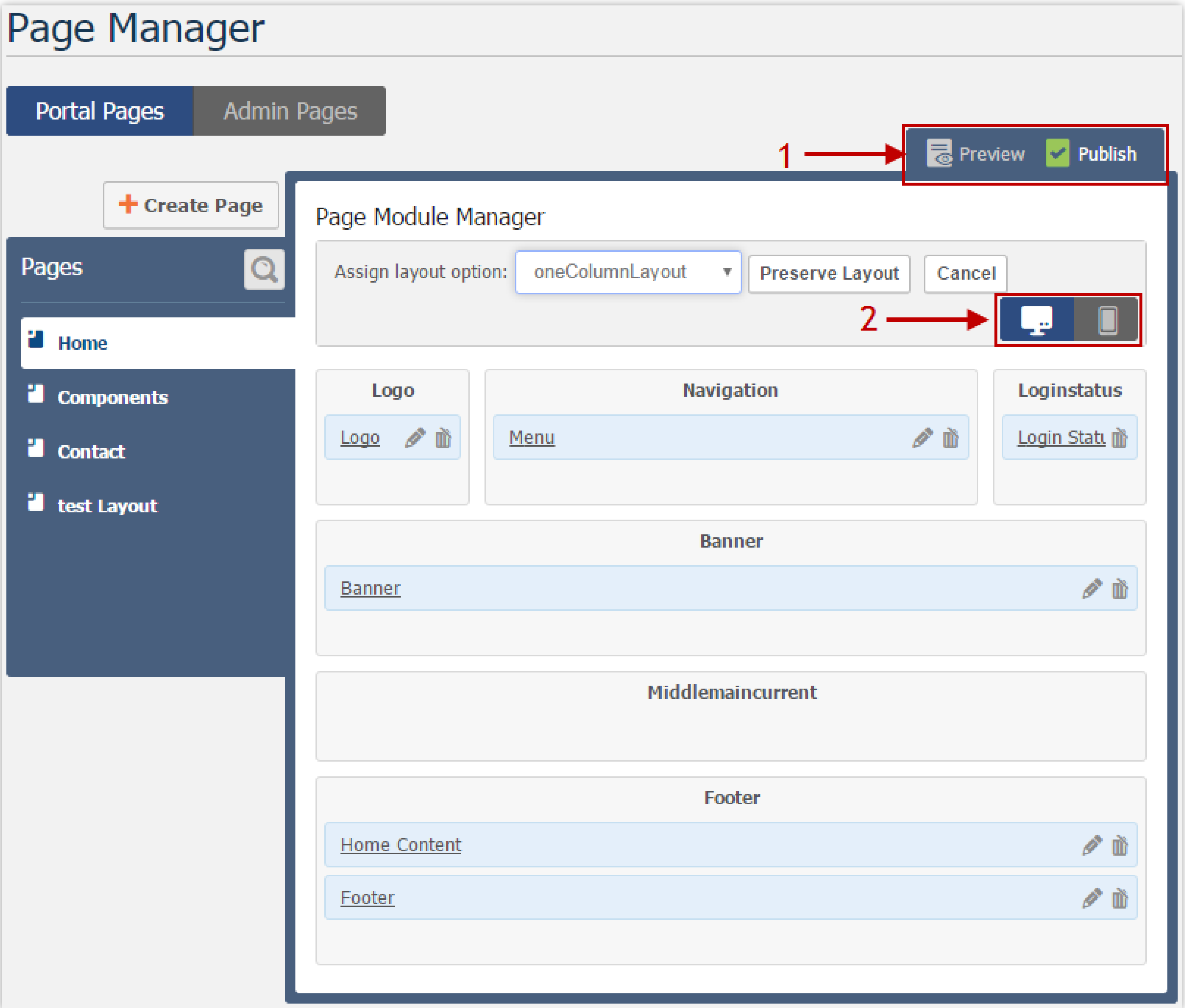
Page Manager provides the control to create or manage pages for the site. Administrators and superuser can add pages to both **Portal** and **Admin;** they can also determine the page access permission depending on users/roles.

Add Pages to the Portal

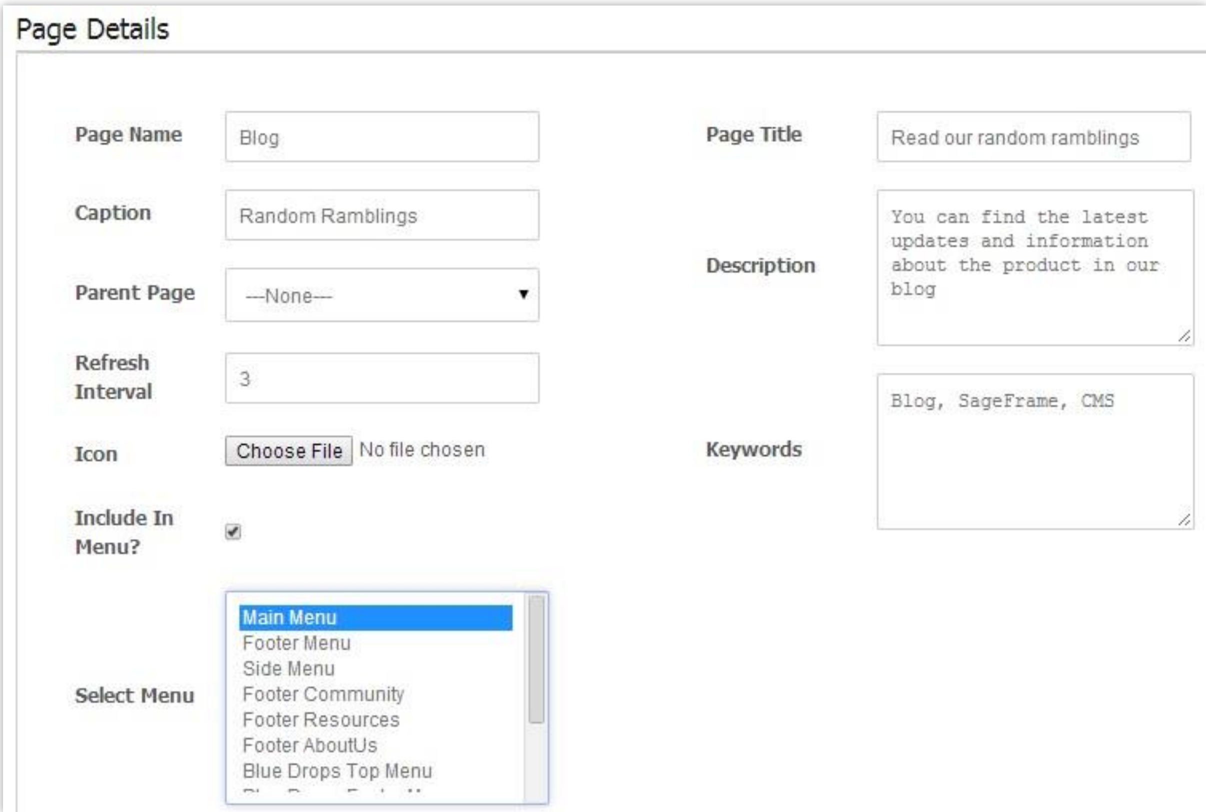
1. From your SageFrame **C-Panel,** click on **Pages.**
2. You will land on **Page Manager.** Click on **Portal Pages** tab to create pages for portal or else, click on **Admin Pages** to create pages for admin.



3. For **Portal Pages** tab, a window as shown in the image below will appear.



4. There are two sections in **Page Module Manager** as numbered in the image above.
    1. The **Preview** tab enables you to view the Home Screen and edit it accordingly and then **Publish** tab is the final page that you see once all the necessary changes have been made.
    2. The page layout can be set with respect to desktop and mobile view mode. To manage the page viewing, you can click either on **Desktop** icon or **Mobile** icon to manage your viewing mode preferences.
5. Click on **Create Page** and view the **Page Details** tab.



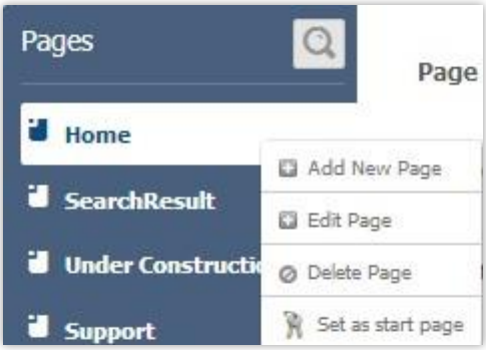
6. Refer to the table below to learn more about Page Details.

Fields	Description
Page Name (Required)	Give a name to the page that you wish to add.
Caption	Caption acts as a tagline to a page in the menu.
Parent Page	Assign the page to any parent pages listed in the dropdown. The child page will appear under the respective parent page.
Refresh Interval	Enter refresh interval for the page. Set a time and the page will be refreshed in every interval of that time.
Icon	Set an icon for the page. If this page is added to the menu, the icon will appear on the menu.
Include in Menu	Check this option to include the page in the menu by selecting menu from dropdown list. ***Note:*** *You can select multiple menus by pressing Ctrl and Click.*
Page Title (Required)	Enter a name for the page that will appear in the title bar of any browser.

Description (For SEO)	Give a brief description about the page.
Keywords (For SEO)	Metadata keywords used by browsers and search engines to find your page. ***Note:*** *Enter any number of keywords separated by comma.*

The pages that you create will appear on the left side on a tree view of **Page Management.** You can search for a page from **Page Search Box** if there are numerous pages added on the list. The searched page will appear in a highlight as shown in the image below.

If you right click on the Page list, you will see four options.



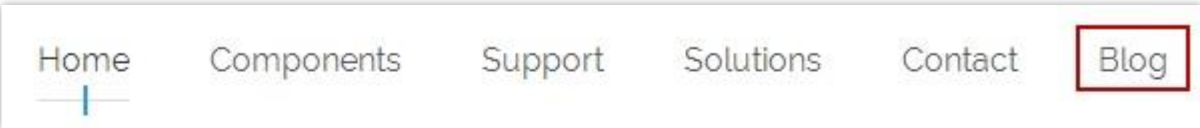
Add New Page: This option enables you to add new page.

Edit Page: This option allows you to edit the created pages.

Delete Page: This option prompts you with a pop-up confirmation box. Click the button to delete the selected page.

Set as start page: This option allows you to set the selected page as start-up page. When you enter a domain name, the page selected as start-up will be the landing page.

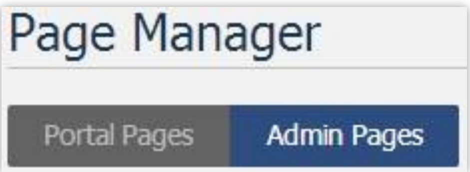
The newly added page on the front-end menu looks somewhat as seen in the image below.



Add Pages in the Admin Area

Pages added in the admin area will be visible only to the administrator; pages can be visible to other users only when they have the view permission set for them by the administrator. Steps for adding pages in the admin area are same as **Adding Pages to the Portal.**

Note: *Make sure to click on* ***Admin Pages*** *radio button on* ***Page Management*** *page.*

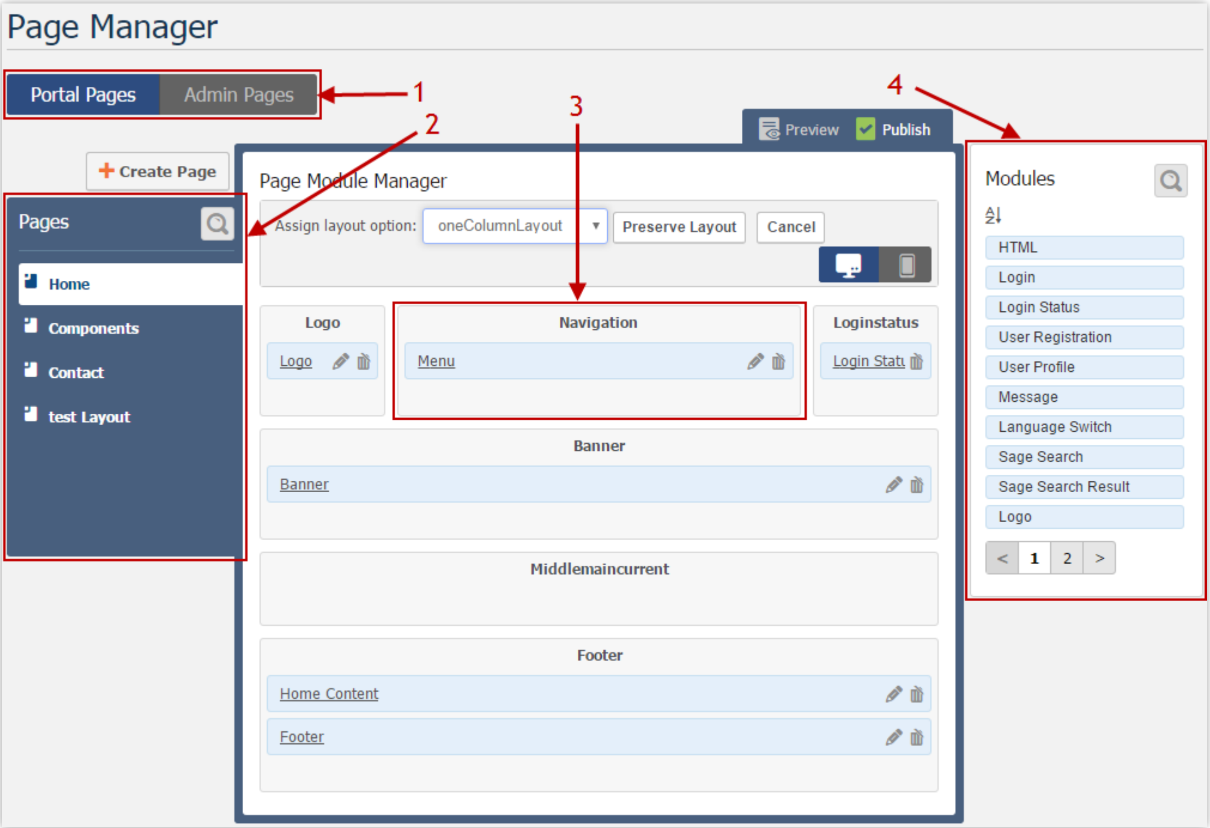


Working with Page Module

The **Page Module** also provides a template based wireframe for building each page. Modules can be assigned to wireframe by simple drag and drop allowing you to create a personalized page layout. SageFrame also has inline editing that makes it easy to edit content from the front end itself without much hassle.

Assigning and Managing Modules in a Page

To assign and manage modules in a page, follow the steps as mentioned below.

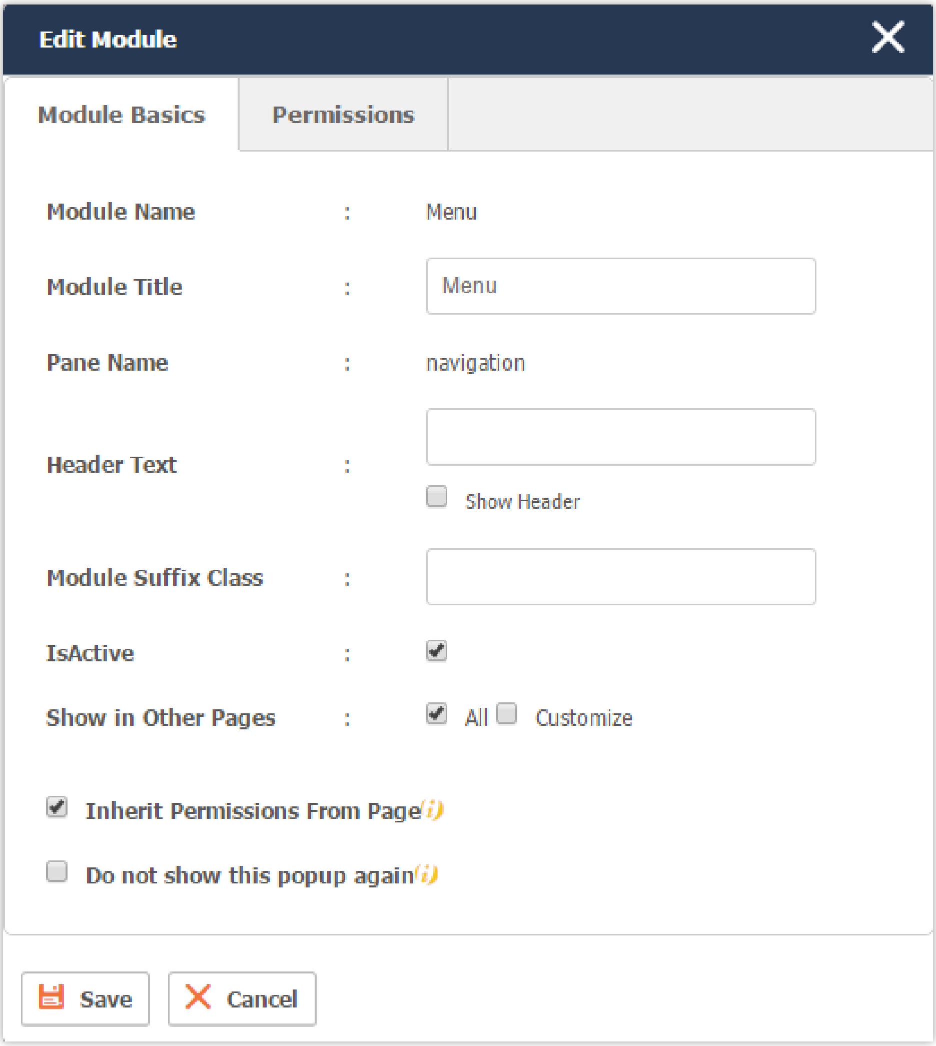


1. Click on **Portal Pages** radio button to create pages for portal or else click on **Admin Pages** to create pages for admin.
2. Select the specific page that you want to work on.
3. Select the specific module from **Modules** section and drag it to any **div** on the page wireframe on **Page Module Manager.**

Once you drag the desired module and drop it in an appropriate pane in the wireframe, **Module Details** window will pop up. This window consists of **Module Basic** and **Permissions** tab.

Module Basics Settings

From this tab, you can manage the basic settings for the page module.



Refer to the table below to learn more about **Module Basics.**

Fields	Description
Module Name	Displays the name of the module that is in use.
Module Title	Enter a name for the module to appear in the wireframe.
Pane Name	Provides the pane name on which the module is positioned.
Active	Click on the checkbox to make the module visible in the frontend.
Show in Other Pages	Click on **All** checkbox to display the module and its content in all the other pages or check **Customize** checkbox and select the pages in which the module is to be displayed.

Inherit Permissions from Page	If checked, the module will automatically inherit the permissions of the page it is allocated. Enabling this will inherit the permissions of the user or roles that is allocated for the page.
Do not show this popup again	If checked, the popup will not overlay page again for any modules that are dragged and dropped until the page is refreshed.

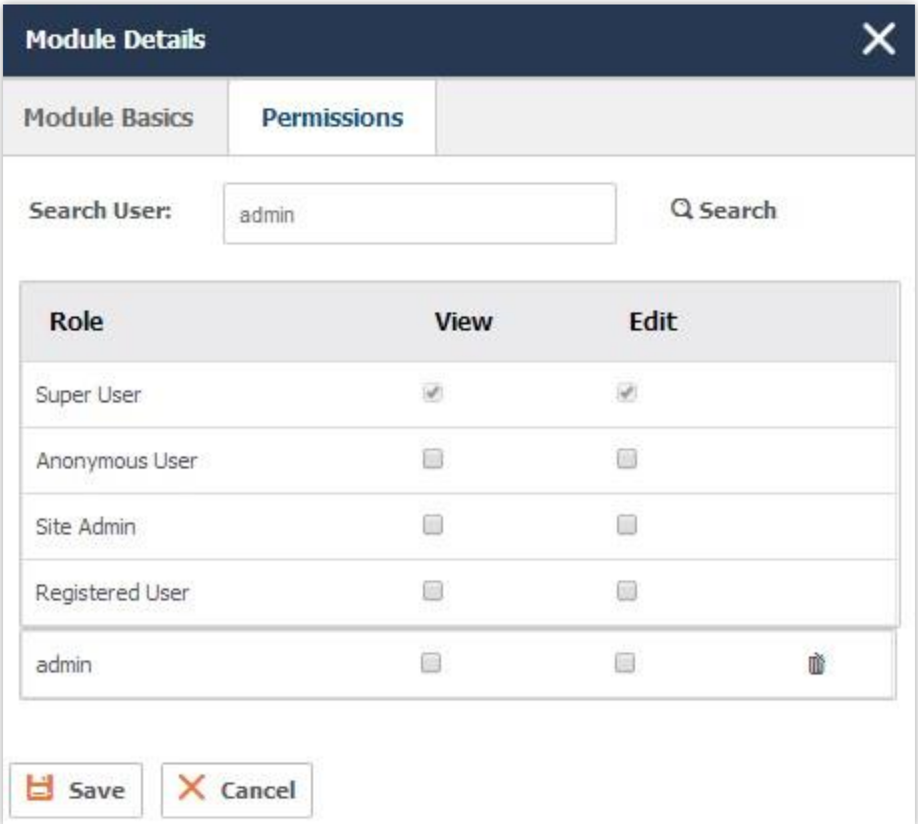
Module Permissions Settings

A Module Permissions Settings allows you to control the access to a module depending on **Users** and **Roles.**

To apply the permissions follow the instructions below.

1. Click on **Permissions** tab in **Module Details** window.
2. Assign the permissions to the user role by clicking on the required checkboxes.
3. Click on **Save.**

To assign permission to a specific user, enter the name of the user directly in **Search User** textbox and click on **Search.**



You can search a user who can be assigned to control the page module access by using **Search User** feature as shown in the image above.

Similarly, you can use **View** and **Edit** checkboxes to grant customized access to site users.

Inline Editor

Page Modules in SageFrame is easily managed through **Inline Editor** which allows you to edit content directly through WYSIWYG editor. The inline editor saves your time from having to navigate to each page in dashboard for notification. Users with edit permission can also make changes to the modules content.

Inline Editor is accessible in the front end of the website and the modules can be manages only by clicking the **Pencil** icon. Once you are done updating the content, click on **Save** and view the applied changes immediately in the live site.

Working with Templates

SageFrame is easy to theme and totally flexible; it lets you customize each page layout without any restriction. Hence, it reduces time to design the same layout for a number of pages.

You can design different page layout for different pages in the website with the following features:

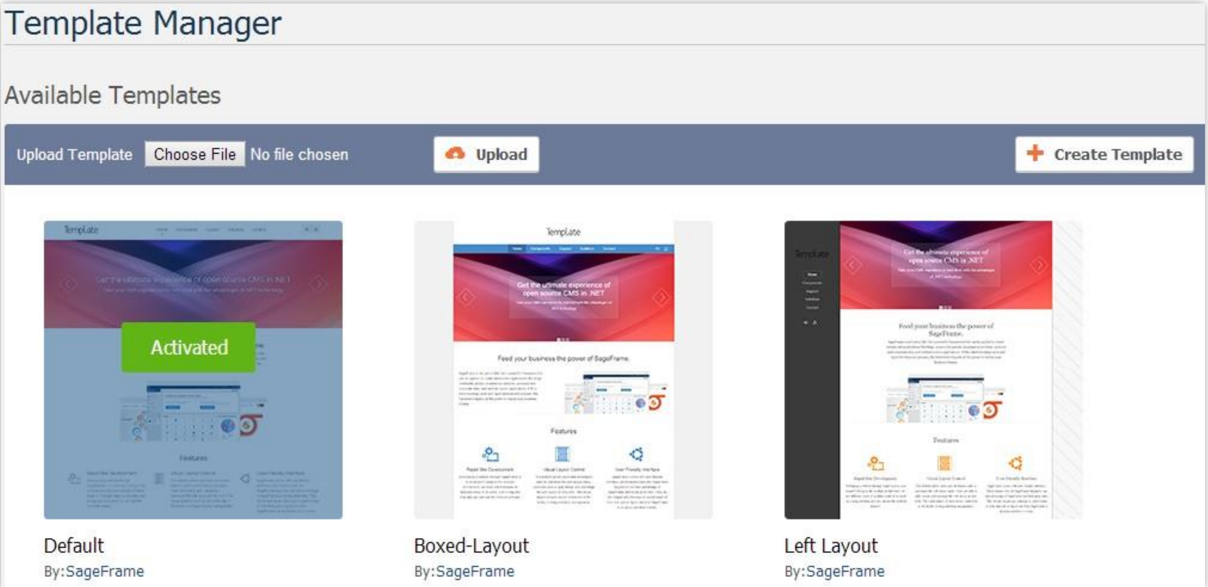
- XML layout
- Multiple layouts
- Manipulate the Visual Layout Design
- Supports handheld devices
- Dynamic positions
- Changeable layouts and themes
- Insert template with data
- Drag and drop modules

You can do the following from this page.

- Select a template
- Install a template
- Create a template
- Change layout and preset of template
- Layout wireframe

Select a Template

1. From your SageFrame **C-Panel,** click on **Templates**
2. You will land on **Template Manager** page. Click on the desired template from the list of available ones.



3. The following fields will appear.

   View Demo: You can view the demo of the template.

   Activate: Click on **Activate** button to enable the template.

   Customize: When you click this button, the following options appear.

      Pages: Click on **Pages** button to open **Page Manager** page. This feature has been properly explained in **Working with Pages.**

      Preset: Click on **Preset** button to open **Presets** tab from where you can customize layouts, themes and screen.

      Layout Manager: Click on **Layout** button to open **Layout Manager** tab and customize layout for the template.

Edit Files: Click on **Edit Files** to go to **Template File Manager** and edit files. This feature has been properly explained in **Working with Files.**

Install a Template

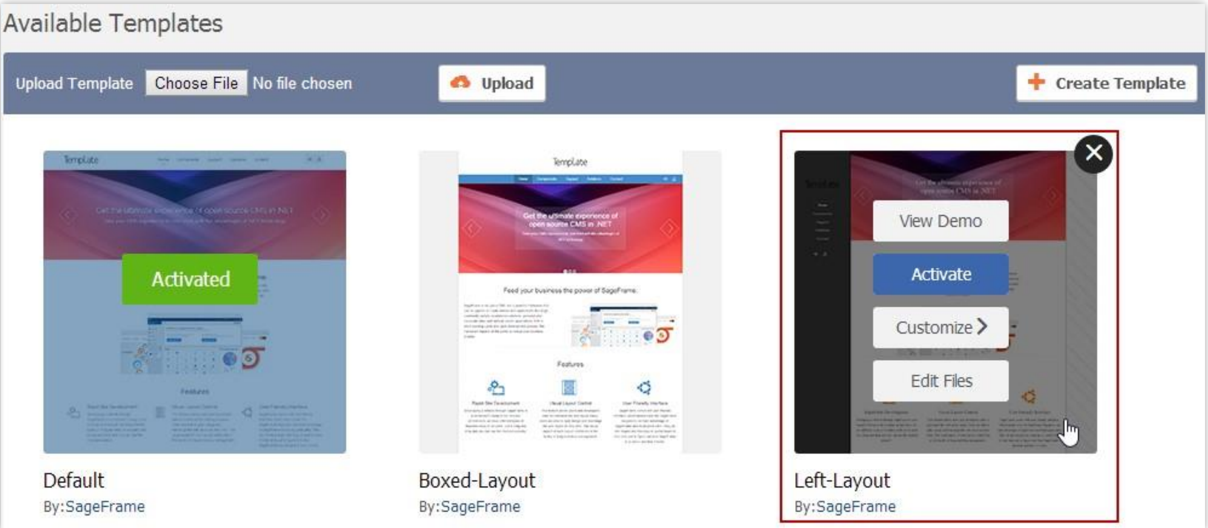
Readymade templates can be installed in SageFrame without much hassle. While installing a template, the data associated with the template is also installed. If you have a fully-designed SageFrame template with lots of content and data that you need as they are, all you have to do is create its copy (or backup) and install it in some other SageFrame project. You will get the website, which you created with hard work as it was before, without any changes in layout, design, content and any other information associated.

Follow the steps as mentioned below to install a template.

1. From your SageFrame **C-Panel,** click on **Templates.**

2. You will land on **Template Manager** page. Click on **Choose File** button that prompts a dialog box where you need to choose a zip template file from your computer.

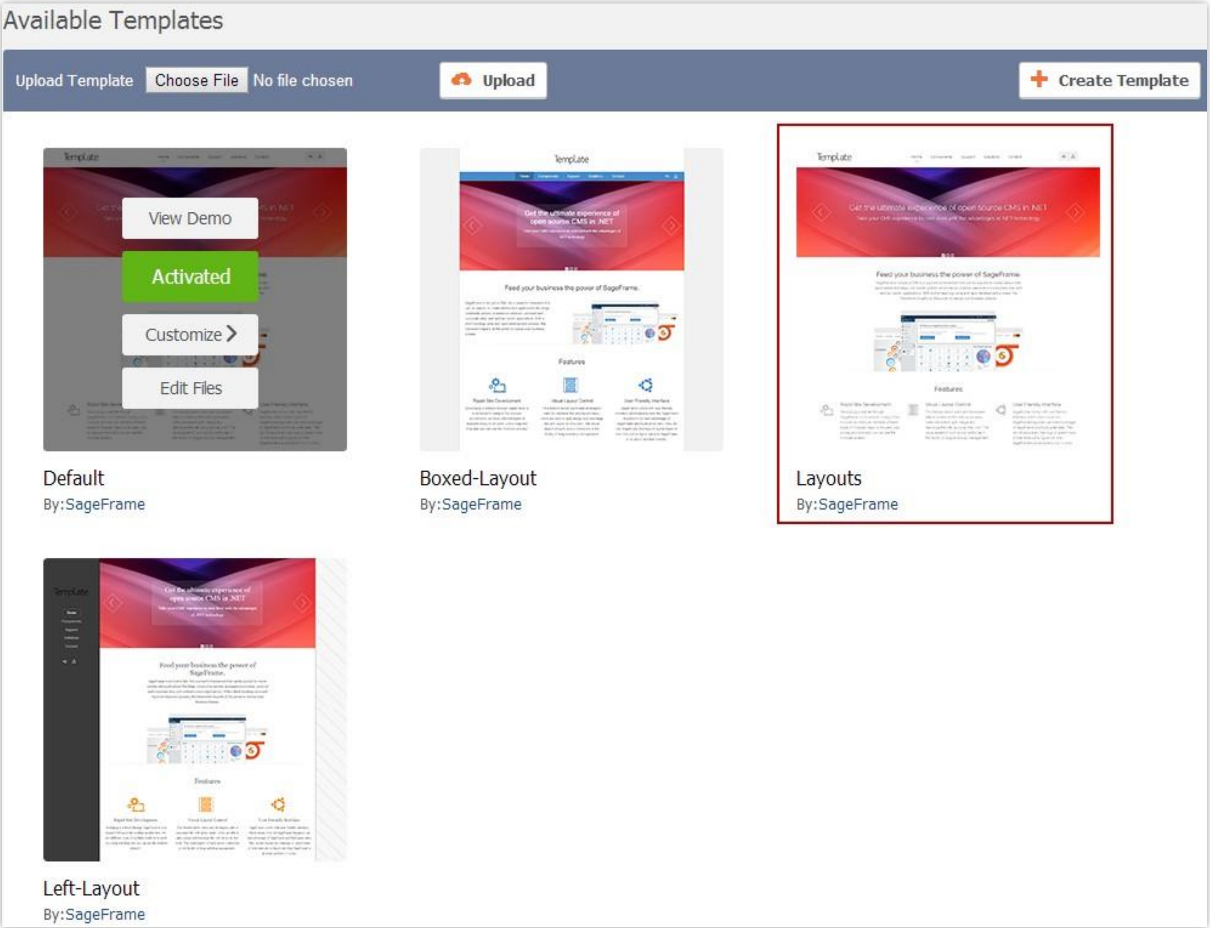
3. Once you have selected the template file that you want to install or upload, click on **Upload** button and you will find your template installed right here. Activate the template to find all the design and data that you do not want to lose.



Create a Template

1. From your SageFrame **C-Panel,** click on **Templates.**
2. You will land on **Template Manager** page. Click on **Create Templates.**

3. Enter the **Template Name** and click on **Ok.**
4. After the template has been successfully created, a copy of default template is created. For your convenience, we have created a template and named it **Layouts.**

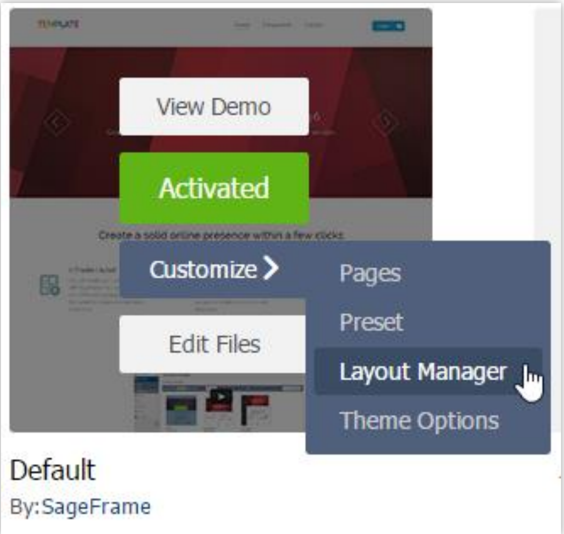


5. The **Layouts** template will copy all the files that the default template has. You can view the containing files and folders by navigating to the main SageFrame folder where it was placed during the installation.

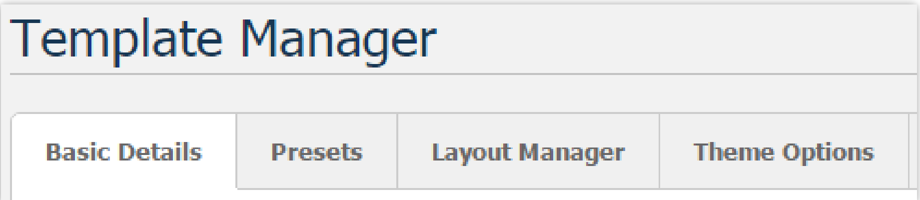
Customizing the Template

1. From your SageFrame **C-Panel,** click on **Templates.**

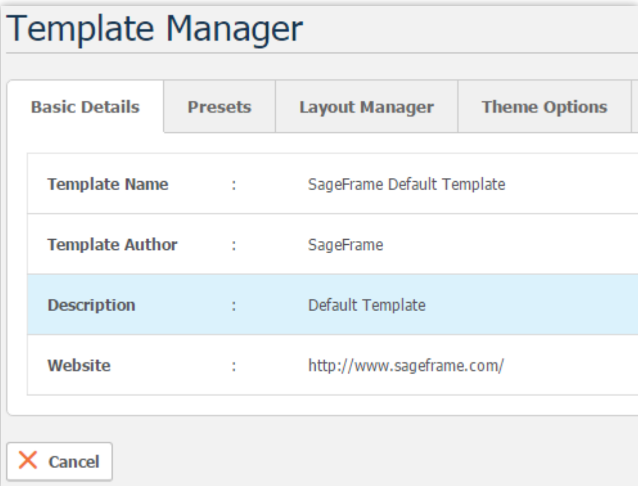
2. You will land on **Template Manager** page. Click on the name of the desired template. Click on **Customize** where you will be prompted with four options – **Pages, Preset, Layout Manager** and **Theme Options.**



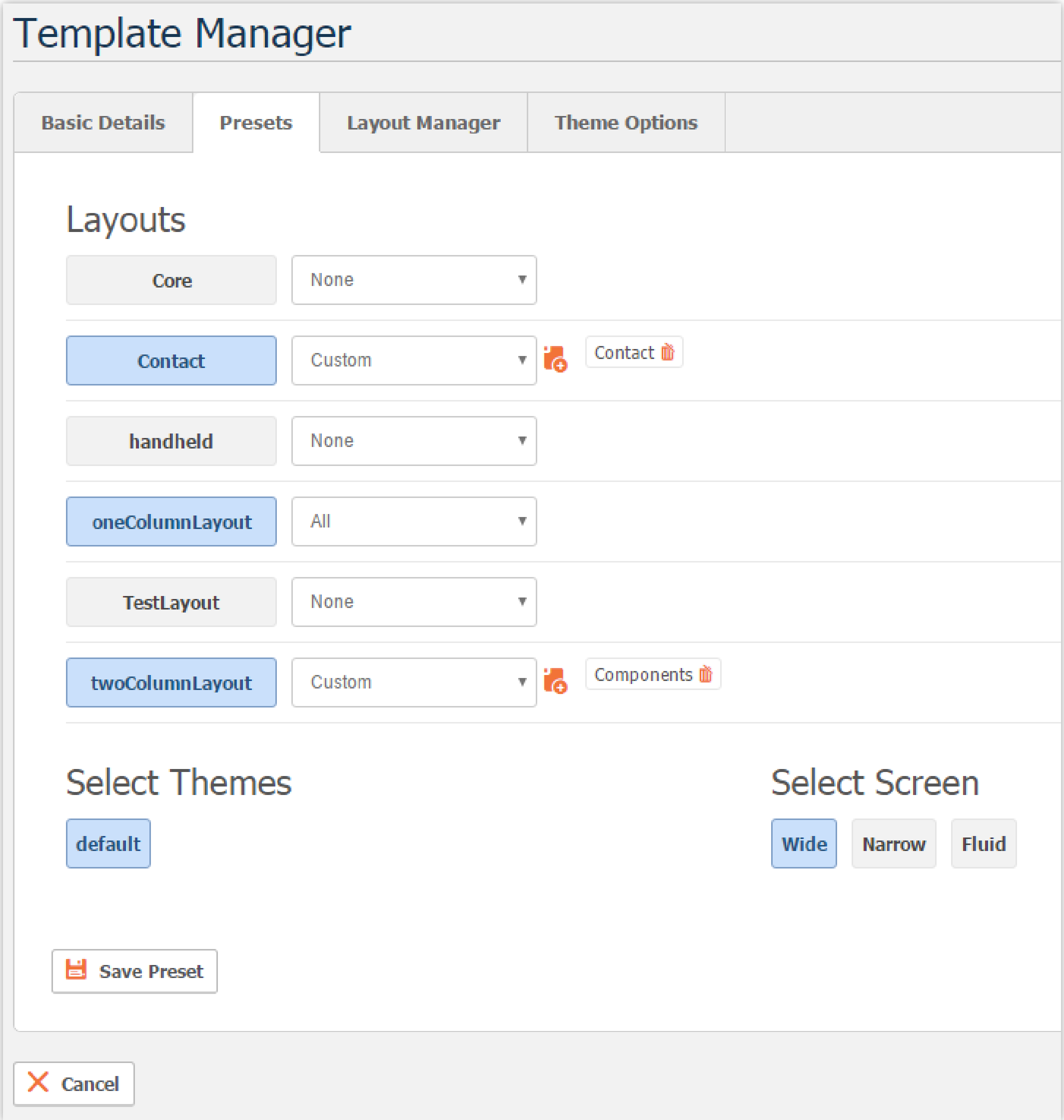
3. On the next page, the Template Manager prompts settings for templates which contains four tabs – **Basic Details, Presets, Layout Manager** and **Theme Options.**



Basic Details: This displays some basic information about the template that is currently in use. This includes **Template Name, Template Author, Description** and **Website.**

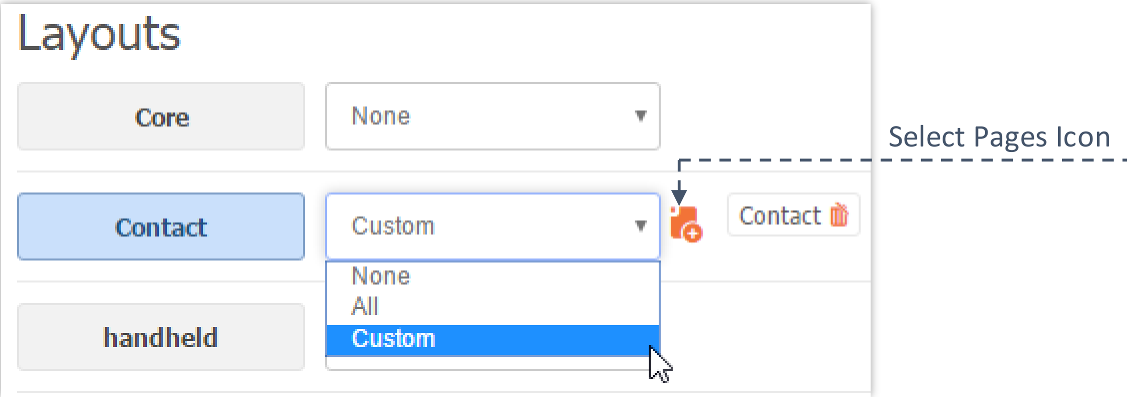


Presets: Presets lets you set and assign different layout for pages in your website. The **Layouts** pane in SageFrame lists all the layouts that are available in a particular template.



Selecting different Layout for different Pages

1. Choose the layout you want to use from the associated dropdown list. For example, we have chosen **Default** layout.



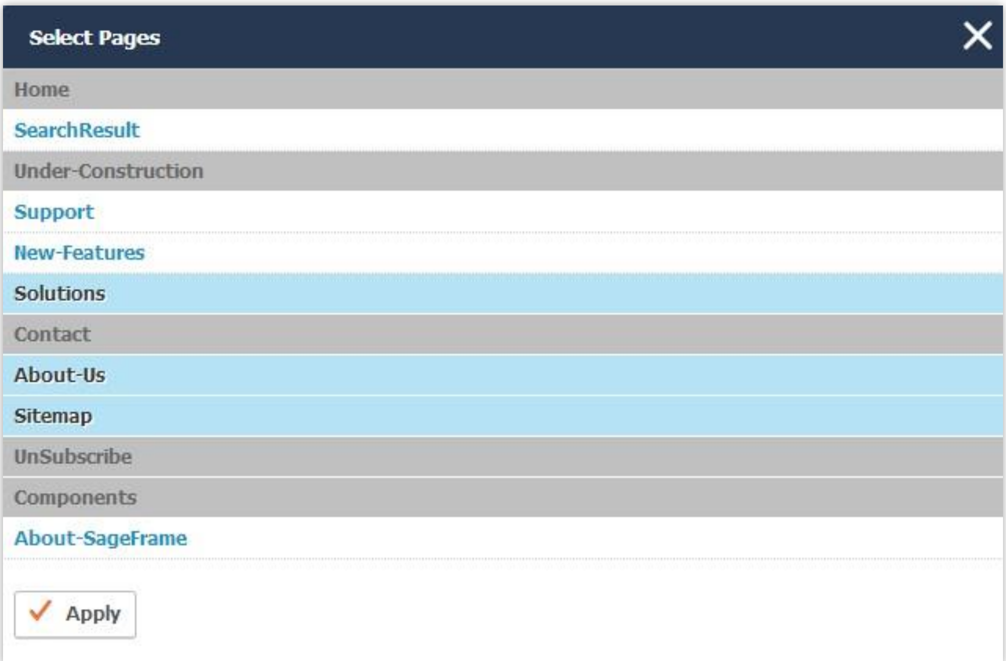
2. The dropdown list for **Contact** has three options.

   None: Choose this option if you do not want to apply this layout to any page.

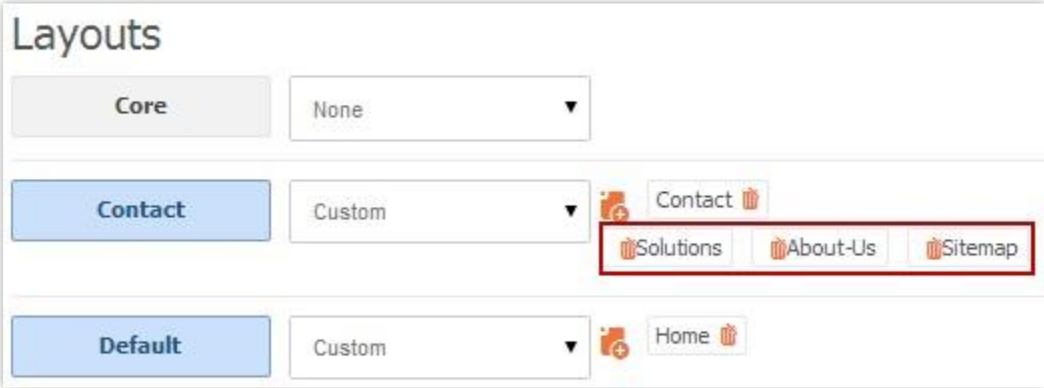
   All: Choose this option to apply the particular layout to all pages in a site.

   Custom: Choose this option to apply layout only to the selected pages in a site.

3. Click on **Custom** from the dropdown list.
4. Click on **Select Pages** icon just next to the dropdown box. **Select Pages** overlay appears which lists all the pages available on the site.
5. Select the required pages and click on **Apply** to save the selection.



6. The pages that you have selected with new layout will now appear in Layout pane.



   Simultaneously, you can use other layouts for various other pages in the site. Simply select the layout and use the options from the dropdown list.

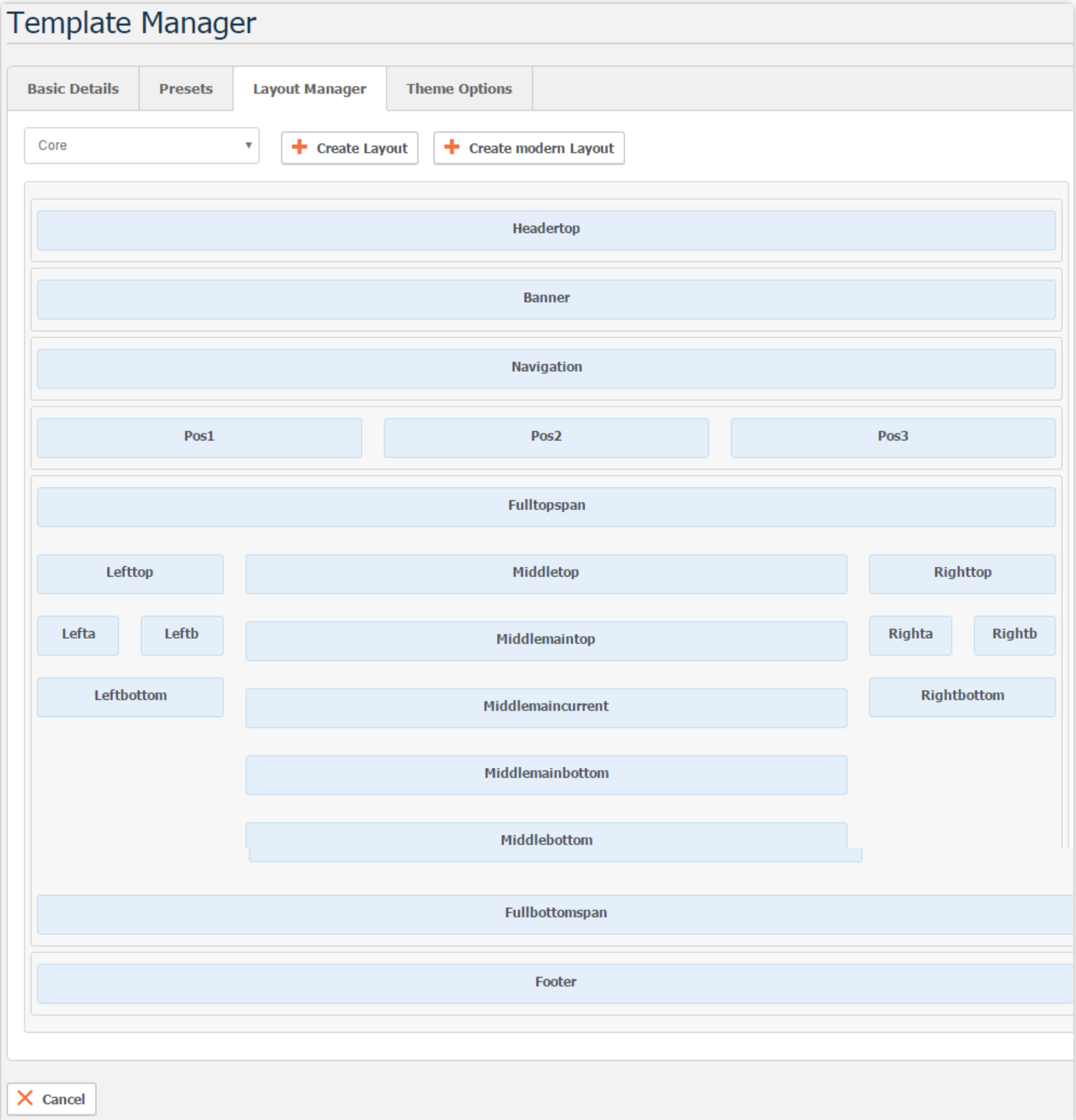
7. Also, you can choose screen style for pages with options like **Wide, Narrow** and **Fluid** screen.

8. Once you are done with everything in the presets, click on **Save Preset.**

   Layout Manager: This option lets you manage website page design or create a separate wireframe for each page. You can place multiple modules in a position and decide width and height for each position.

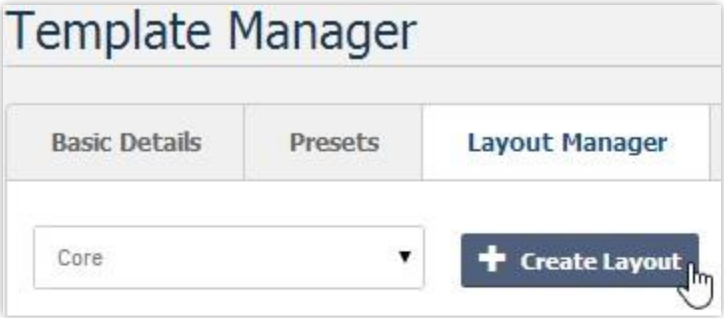
Layout Wireframe

Layout comprises of layout units. Each unit is given a position inside the layout: Logo, Search, Navigation, Banner, Pos1, Pos2, Copyright, etc. Layout unit is where you add the modules to render a page. The layout units are customizable through various configurable options. The image below shows the wireframe of a particular layout showing the various positions that are in use.

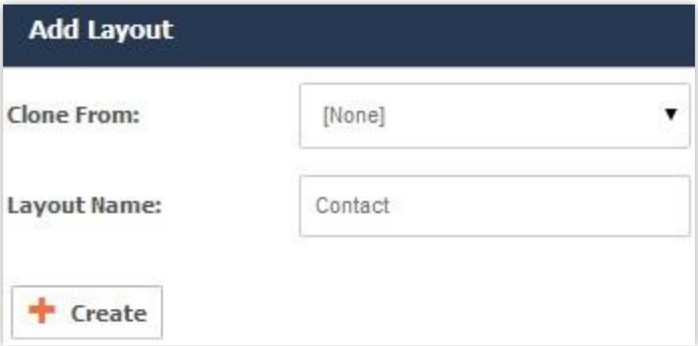


Add a New Layout

1. On SageFrame **Layout Manager** page, click on the template on which you want to add a layout.
2. Click on **Create Layout** button to add a new layout.



3. You will land on **Add Layout** page. If you want to copy any previous layout, choose a clone from the dropdown list in **Clone From.** However, if you wish to create a new layout, leave **Clone From** as None and enter the **Layout Name.**



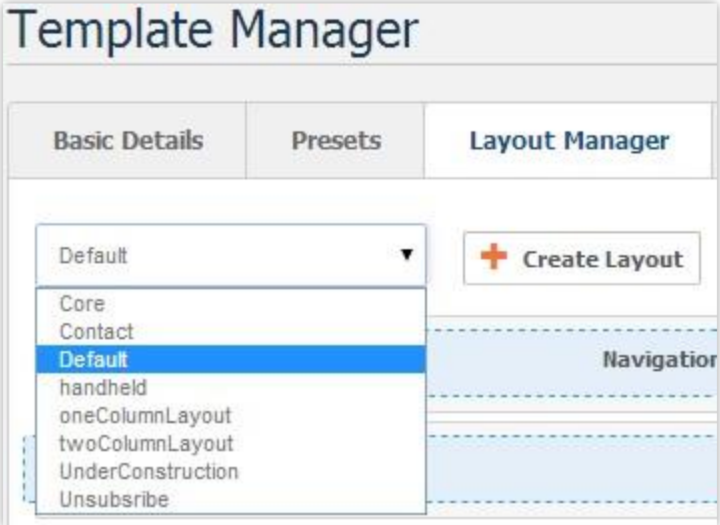
4. Click on **Create.**

Edit a Layout

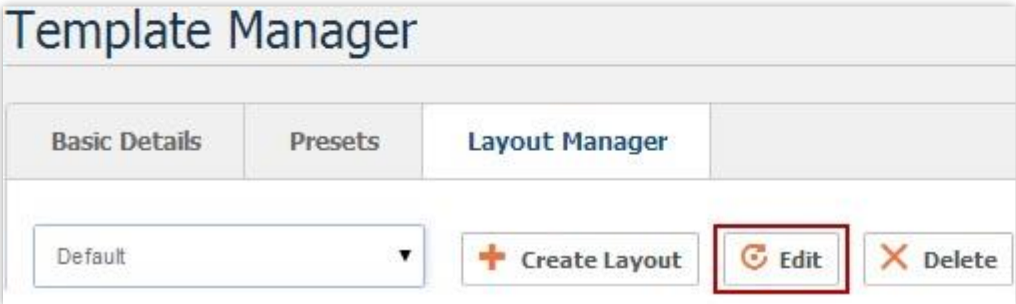
Layout in SageFrame is stored as an XML file. SageFrame creates layouts using XML that makes it easier for you to edit layout without much hassle. SageFrame thus gives a complete control over visual layout by changing the placeholders and wrappers of layout from the code side or by manually manipulating the layout design from the interface side.

First let's see how it can be done from the code side.

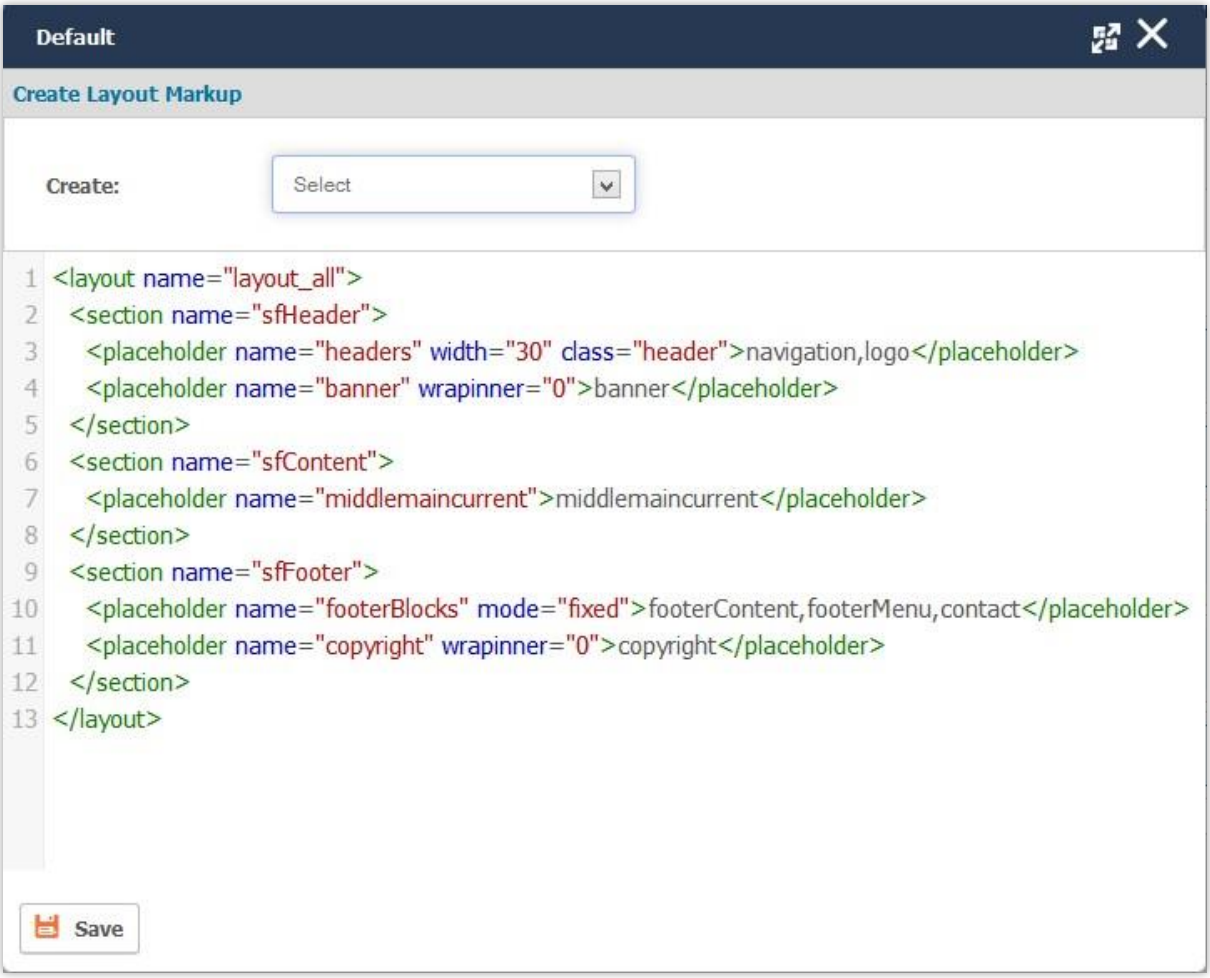
1. On **Layout Manager** page, select a layout that you want to edit from the dropdown.



2. Click on **Edit.**



3. Next up, you get prompted with **Create Layout Markup** panel for the selected layout.

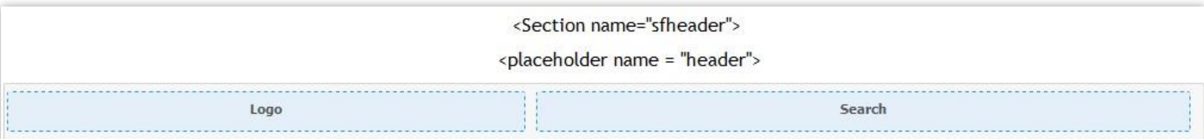


A layout in SageFrame consists of three sections i.e. **sfHeader, sfContent** and **sfFooter.** Each section contains **<placeholder>** and each placeholder contains a **<position>.**

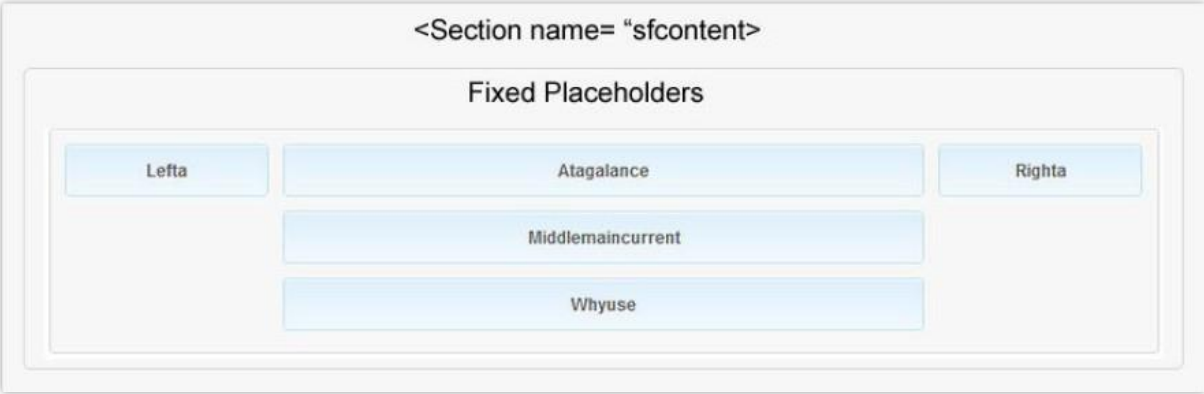
Layout Hierarchy:

```
<Section>
        <Placeholder>
                <Position>...</Position>
        </Placeholder>
</Section>
```

a) **sfHeader:** This section is capable of holding multiple placeholders and each placeholder can hold multiple positions. You can also add or delete placeholder depending on your website needs.



b) sfContent: This section has fixed positions meaning you cannot add placeholders but only delete them. However, you can always add multiple positions to available placeholders depending on your needs.



c) sfFooter: This section is also capable of holding multiple placeholders and each placeholder can hold multiple positions. You can also add or delete placeholder depending on your website needs.

Adding positions in a placeholder

Adding a position means having different units in the placeholder. In order to have different width for each position, we need to add the **Width attribute** in the placeholder, in the example below, we will be adding a position to **sfHeader** section’s **header** placeholder.

It already has two positions **Navigation** and **Logo.**

```
<placeholder name="headers" width="30" class="header">navigation,logo</placeholder>
```

4. Once you are done with editing layout, click on **Save.**

__Note:__ You can either define the width of each position or simply use mode as fixed.

You can also use __<wrapper>__ to wrap the placeholders or positions into one __<div>.__

```
<Wrappers>
<wrap type="position" class="abstract" depth="2">Logo,Search</wrap>
</Wrappers>
```

Wrapper Attributes:

Type: Type is a part to wrap which can be a position, placeholder or a block.

Class: Class attribute specifies one or more class names for an element.

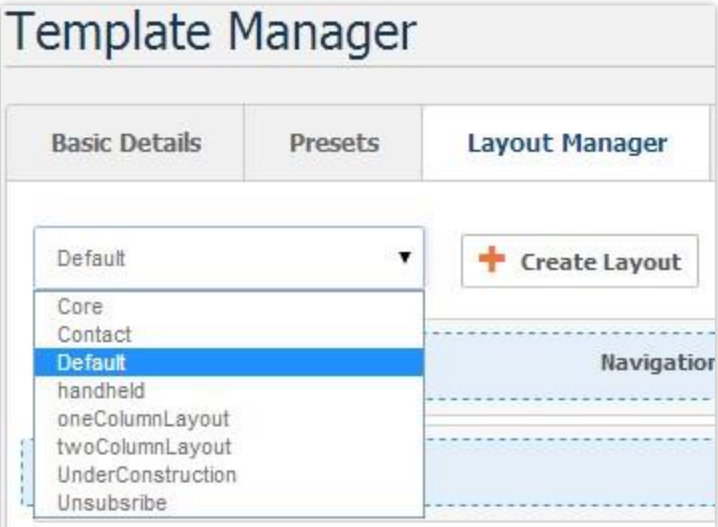
Depth: Depth attribute specified the number of <div> to be created to wrap the position.

Note: *The additional <div> tags will have class="sfBlockwrap leftrightwrap", class="sfBlockwrap leftrightwrap sf2", class="sfBlockwrap leftrightwrap sf3" as shown in the image below.*

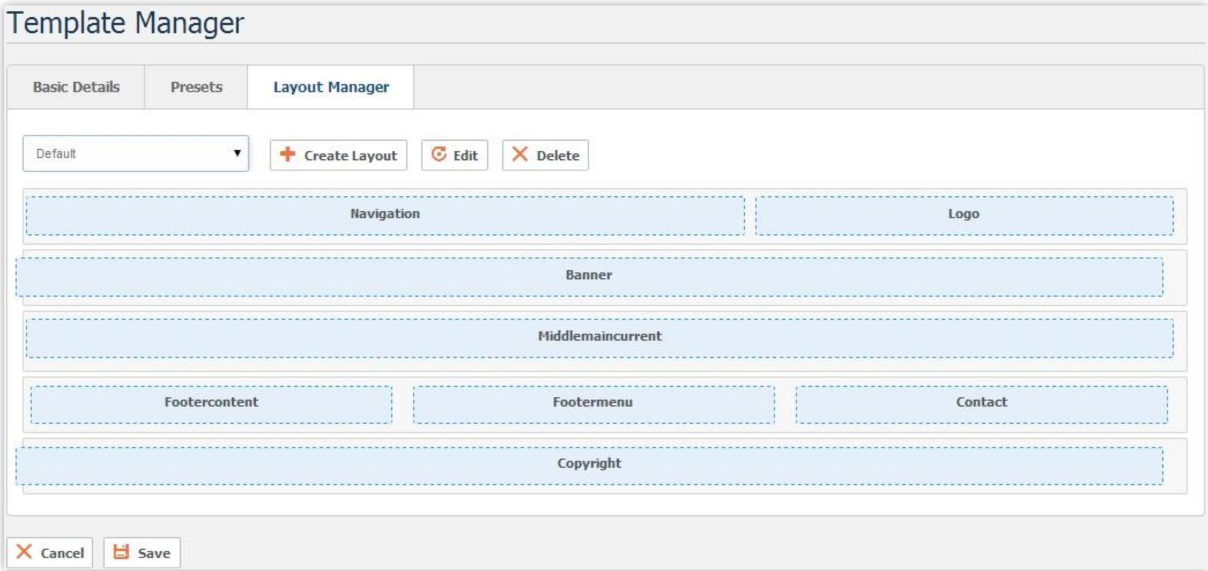
```
▼<div class="sfColswrap sfCurve sfDouble clearfix">
  ▼<div class="sfBlockwrap leftrightwrap">
    ▼<div class="sfBlockwrap leftrightwrap sf2">
      ▼<div class="sfBlockwrap leftrightwrap sf3 clearfix">
        ▼<div class="sfLefta clearfix myleftbclass" style="width:71.4285714285714%">
          ▼<div class="sfWrapper sfCurve">
              <div class="sfPosition">leftb</div>
            </div>
          </div>
```

Now, let's see how a template can be edited from the interface side also called Visual Layout Control and this is one of the most powerful features that SageFrame provides.

1. On **Layout Manager** page of **Template Manager,** select a layout from dropdown menu.



2. From here, you can manually split, merge, resize or sort the layout placeholders and positions as desired.

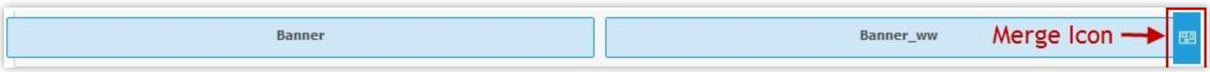


Let's learn about these features in brief detail.

Split: Select a placeholder you need to split by clicking on it. Once you hover mouse over the placeholder, you will see a split icon at the right of the placeholder. For example, split is done for **Middlemaincurrent** placeholder.

Now, click on the split icon and the placeholder will be divided into two placeholders of equal length.

Merge: Select two or more placeholders you need to merge by clicking on them. Once you hover mouse over the selected placeholders, you will see a merge icon on the right. For example, we have done it on **Banner** and **Banner_ww.**



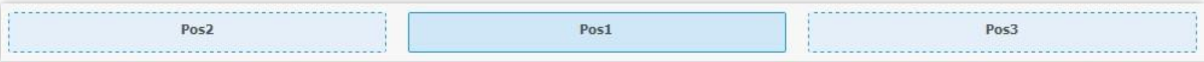
Click on the merge icon and the placeholder will combine all placeholders into one of full length.

Resize: To resize a placeholder, first you need to select it. Once the placeholder to be resized is selected, hover your mouse over it to find resize cursor. For example, we will resize **Logo** and **Search** placeholders.

Now drag left or right to resize the placeholder size. Resizing will automatically affect the sizes of other placeholders on the row.

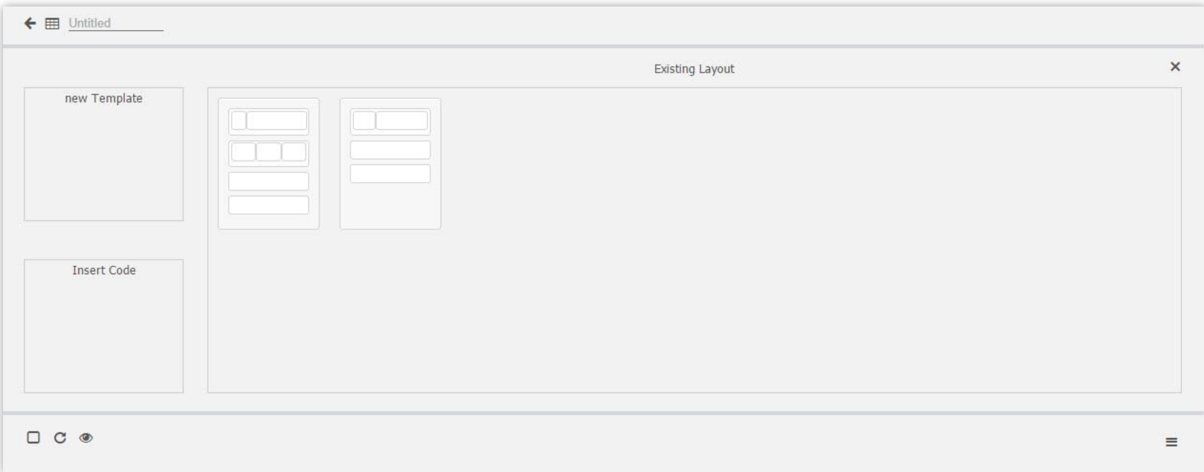
Sort: To sort the positions of a placeholder, just drag and drop the placeholders to concerned positions. For example, we have taken **Pos1, Pos2** and **Pos3.**

Now, drag the Testimonials and drop it somewhere you prefer in the row.



Create Modern Layout

1. On SageFrame **Layout Manager** page, click on the template on which you want to add a modern layout to.
2. Click on **Create Modern Layout** button and you will land on the following page.

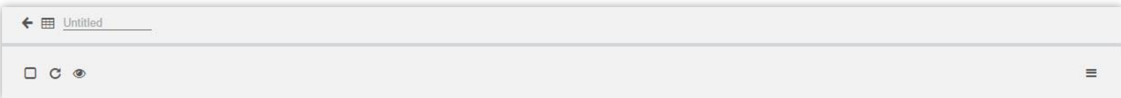


3. There are three different methods in which you can use this modern layout.

   a. Create a new modern layout from scratch.

   To create a new modern layout, click on **New Template.**

   You will be prompted with a blank space where you can add containers, empty DOM, preview and set properties.



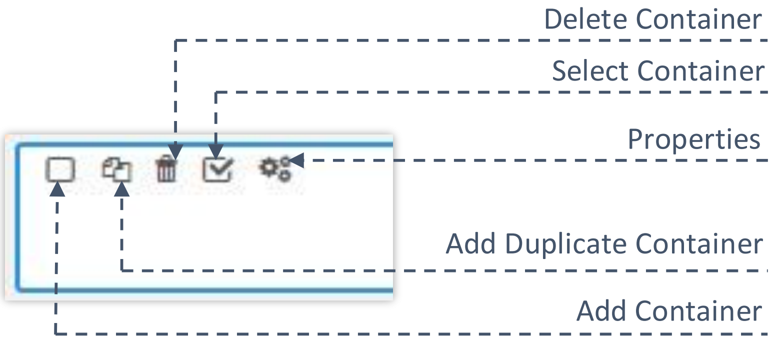
   Now, let's play with some containers to create a customized layout.

At the top there are three options.

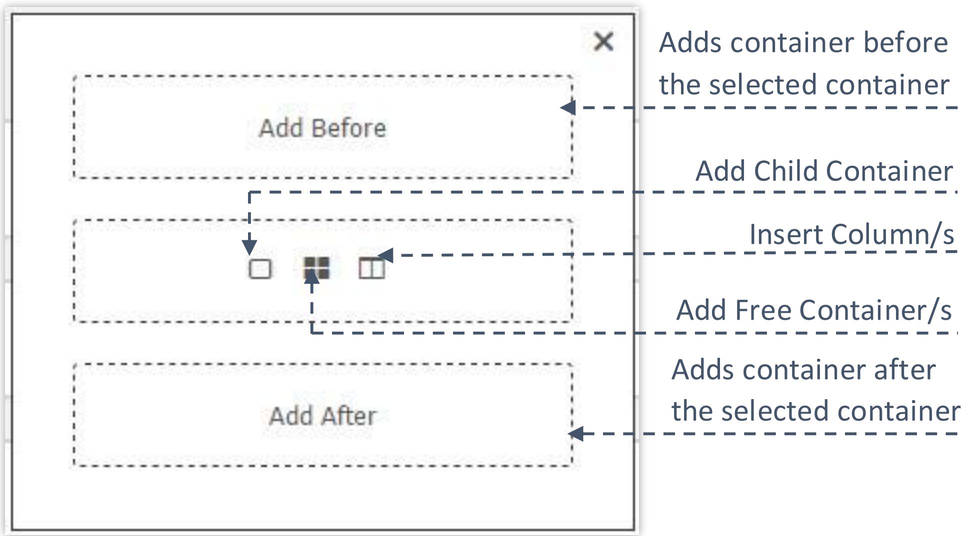
- Appends a Container
- Clears all the existing DOM
- Shows code

Click on the rectangular button to **Create Parent Containers.** You can create as many as you like.

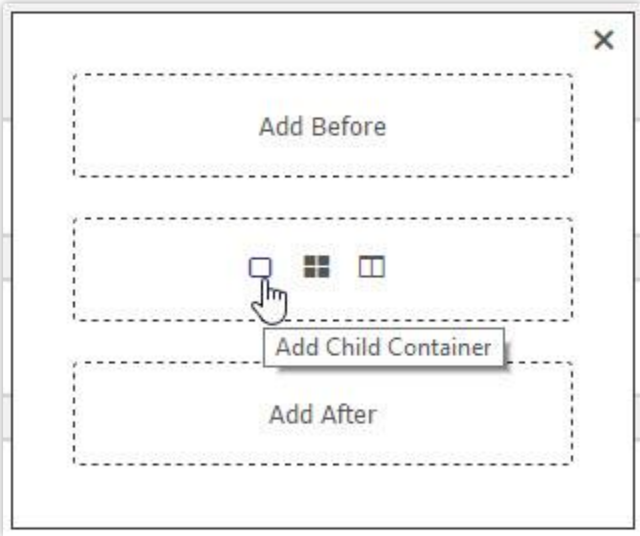
Each of the container shows further five settings options as shown in the image below.



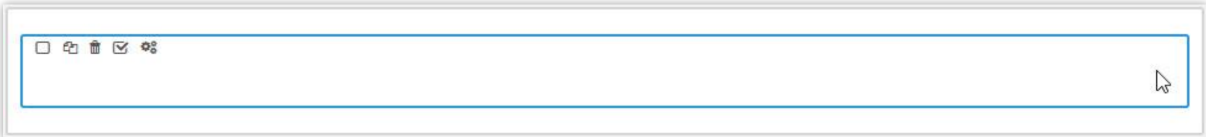
1. **The first option allows you to add containers or columns to the layout.**



Add Child Container allows you to insert a child container within that container as seen in the image below.

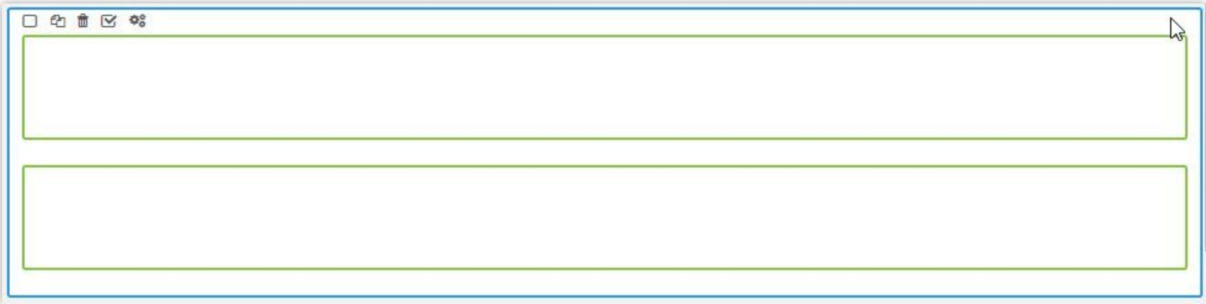


The newly added child container is added as seen in the image below.



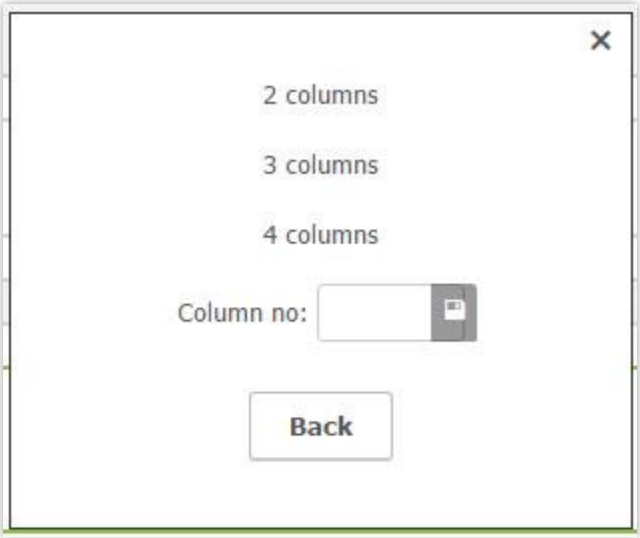
With the **Add Free Container** option, you can insert any number of free containers according to your need. The difference with the free container is that this cannot be split, merged or wrapped with other normal containers.

The newly added free containers are added as seen in the image below.



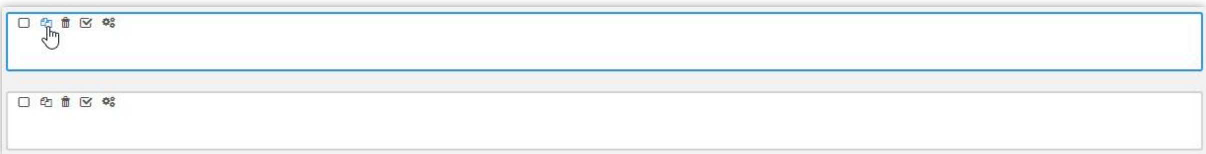
Note: *The free containers are shown as green.*

Insert Column allows to insert multiple columns in your container.

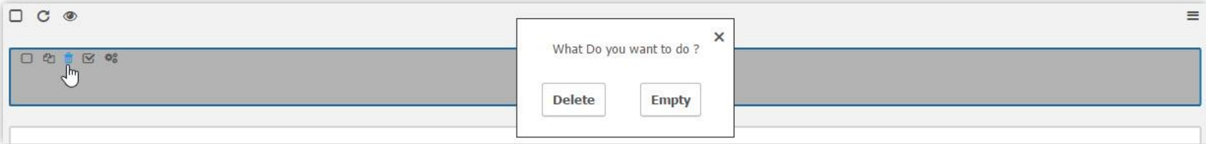


Enter or select a column number and your container will look as shown in the image below.

2. The second option allows you to create duplicate DOM (Document Object Model) as the previous one.

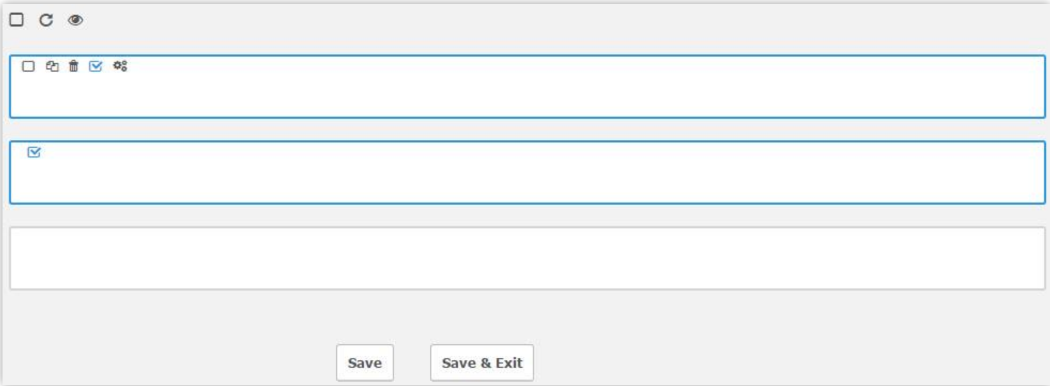


3. Delete icon allows you to either Delete or Empty that container.



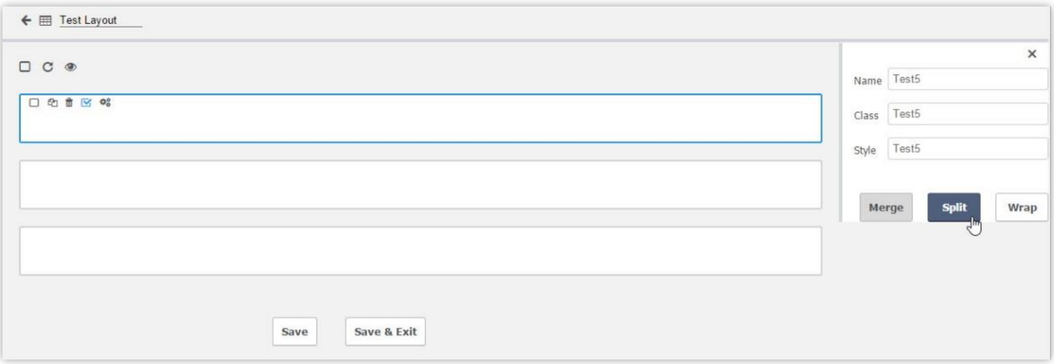
4. **The fourth option allows you to select a container for split, merge and wrap.**

   To select a container, its Name must be saved first. The selected container is seen with a blue outline as seen in the image below.

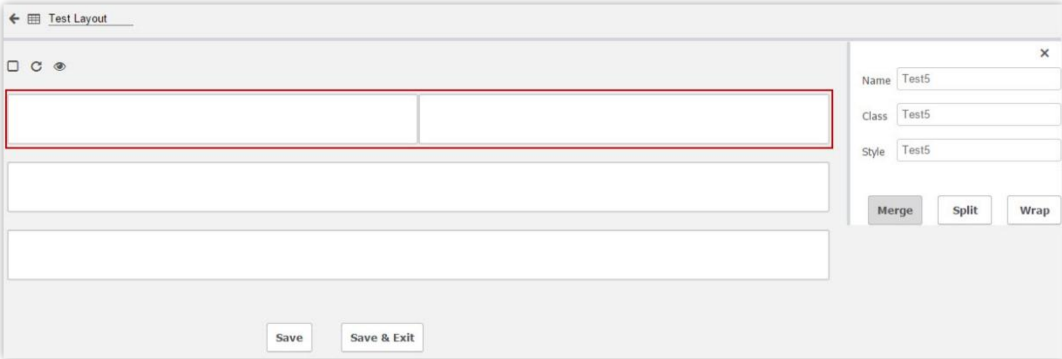


   Once one or more containers are selected, you can either merge, split or wrap them.

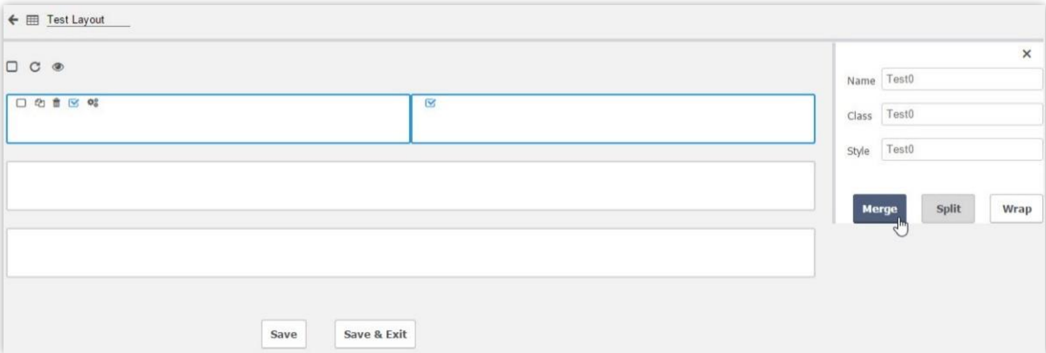
   Let's split a container.



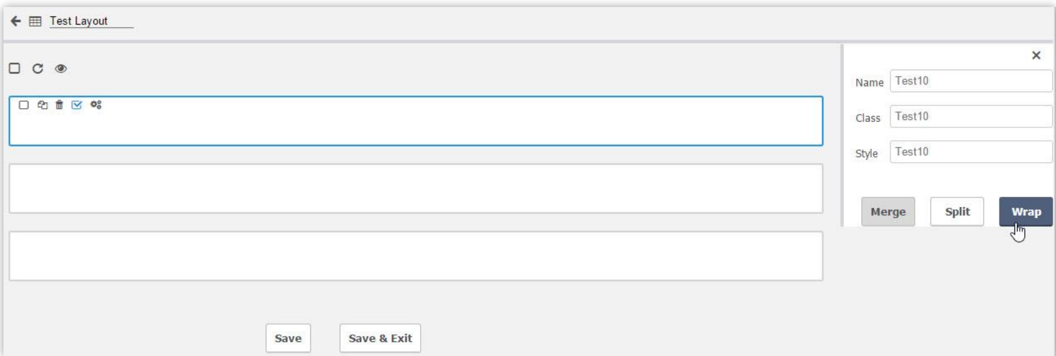
   Select the desired container and enter Name, Class and Style. Then click on **Split.**



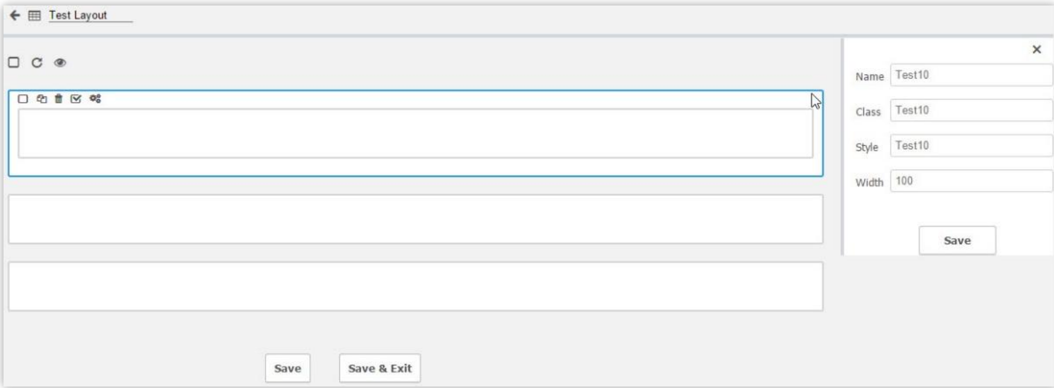
This same container can again be merged into a single one. All you need to do is select both the containers and click on **Merge.**



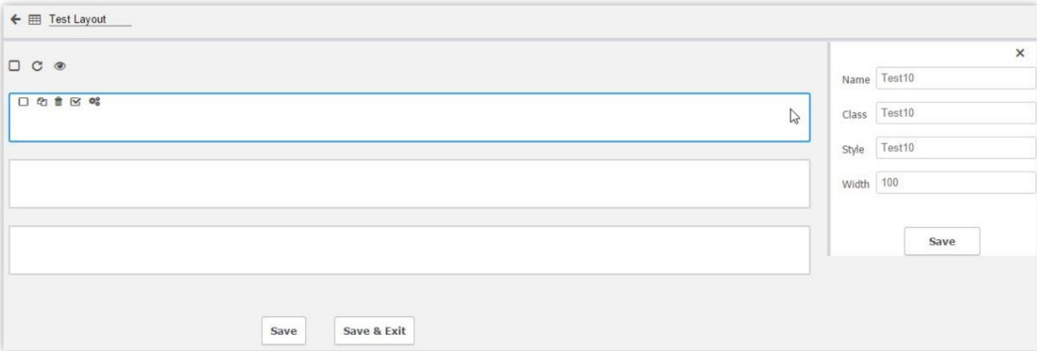
Now, let's wrap this container. Select the container and enter the Name, Class and Style. Then click on **Wrap.**



The container is wrapped by a new container as seen in the image below.



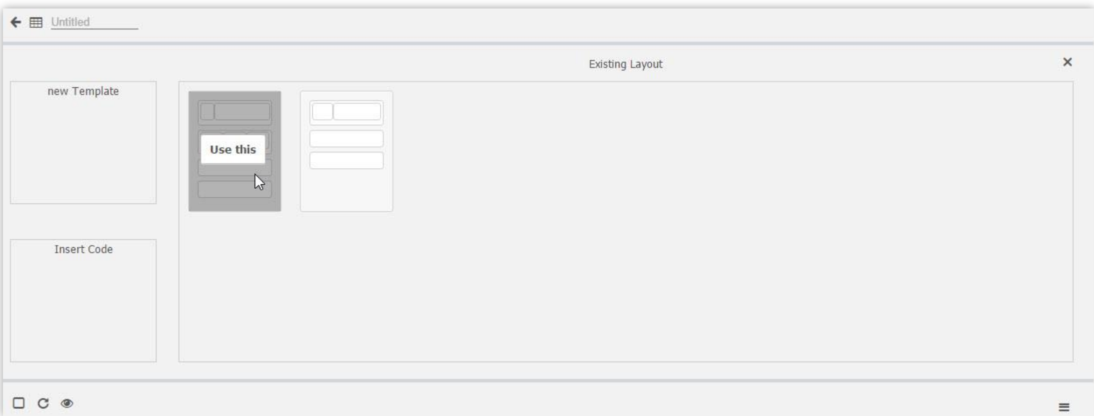
5. **The final option shows the properties of the container.**



Click on **Save** to save your work. Once you complete all your work on the containers, click on **Save & Exit** to return to Template Manager page.

b. Use an existing layout to create a modern layout.

To use an existing layout, all you need to do is select the already created layout as seen in the image below.

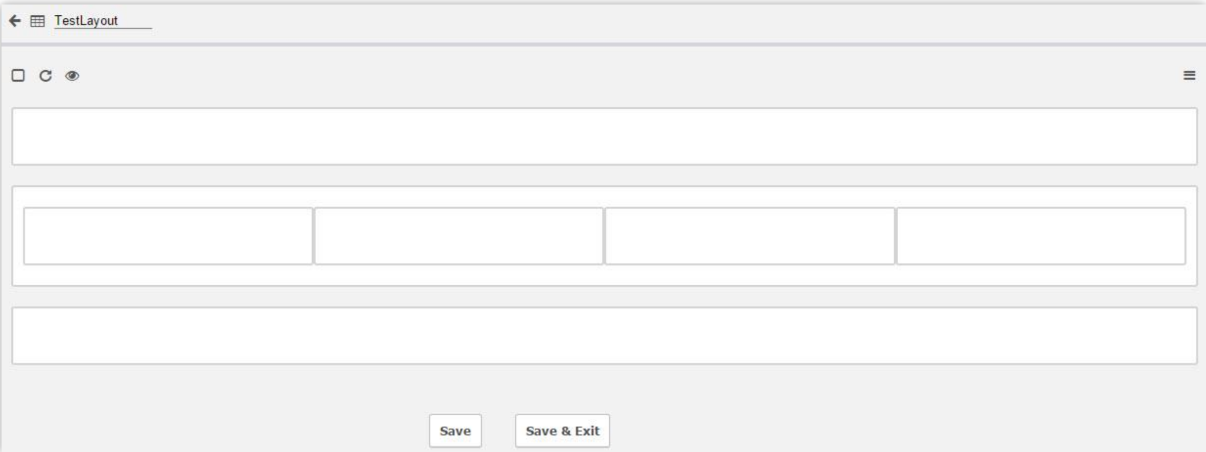


Once you select the layout, the settings options are as same as described in **Create modern layout from scratch.**

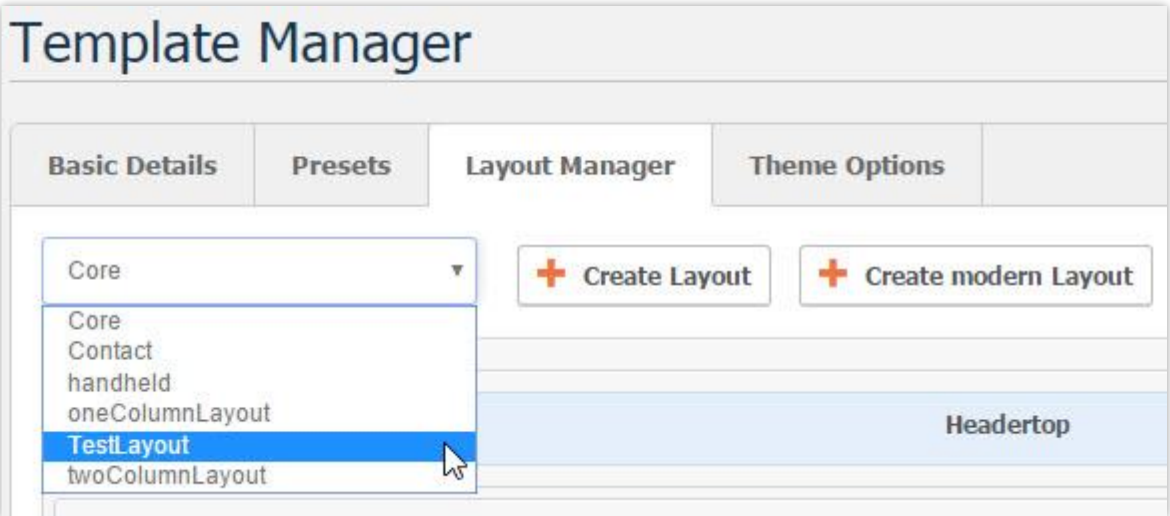
c. Insert code to create a modern layout.

If you already have your code for layout, you can directly insert it here and use your customized layout.

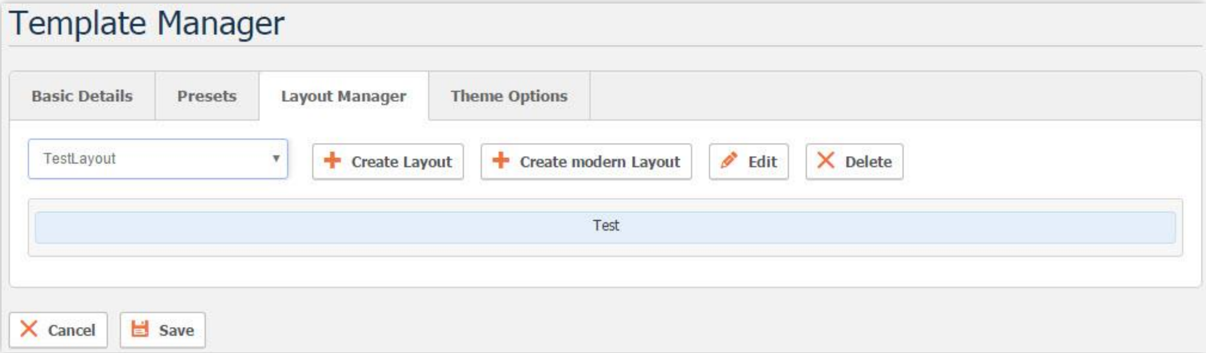
Once you finish all your work on the layout, click on **Save.**



The newly created layout named as **TestLayout** can be seen along with the list of layouts in **Layout Manager** as seen in the image below.

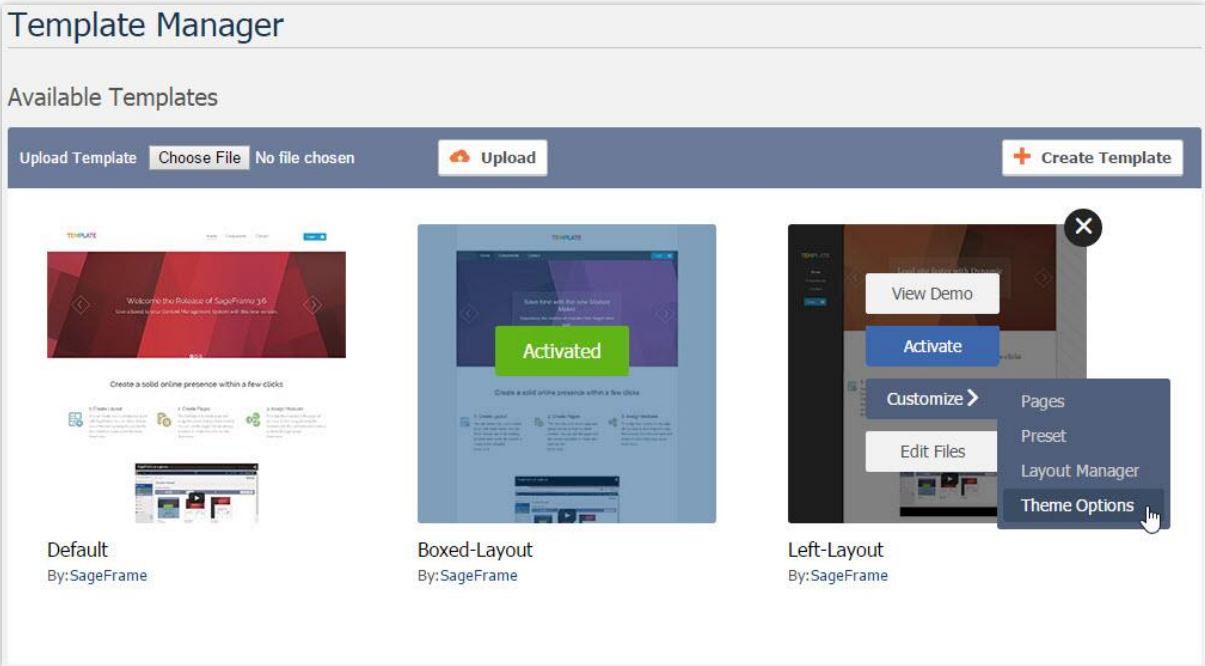


To edit or delete a modern layout, click on it and you will land on the following page.

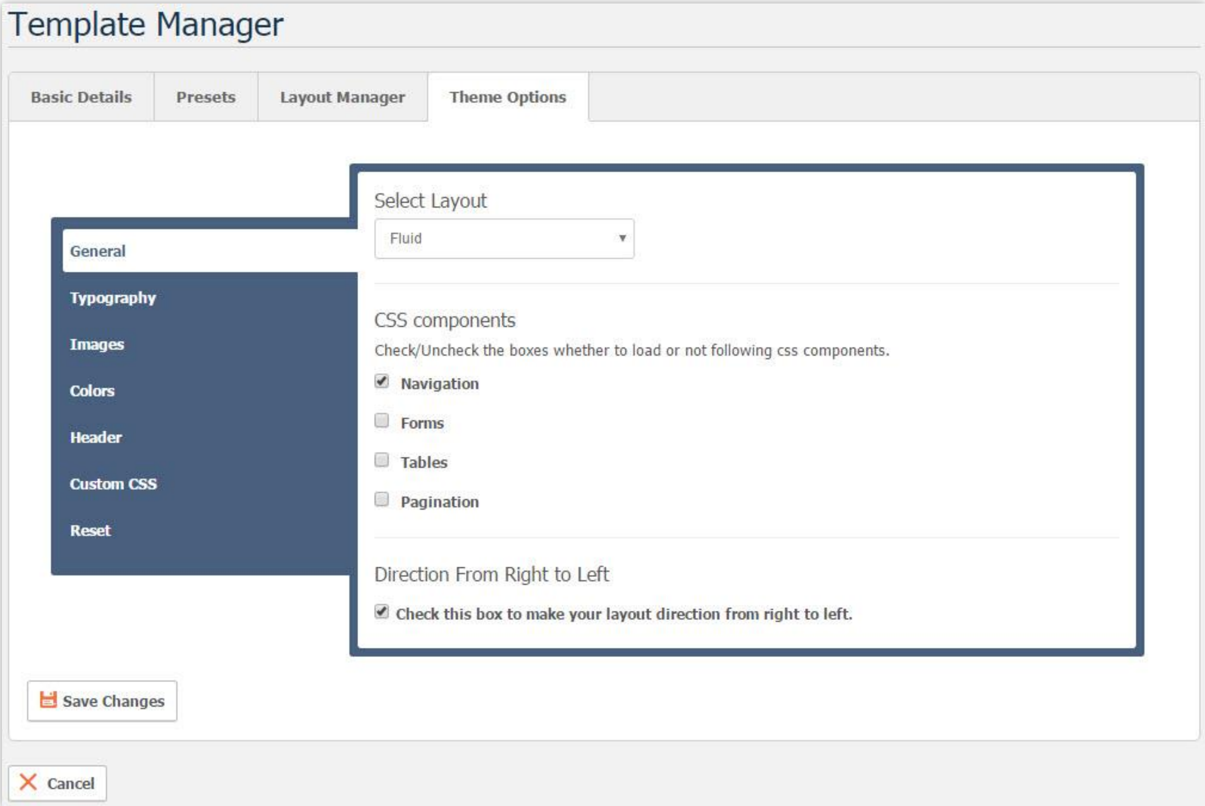


Theme Options

1. From your SageFrame **C-Panel,** click on **Templates**
2. You will land on **Template Manager** page. Click on the name of the desired template. Click on **Customize** where you will be prompted with four options – **Pages, Preset, Layout Manager** and **Theme Options.**
3. Click on **Theme Options.**



4. You will land on the following page.

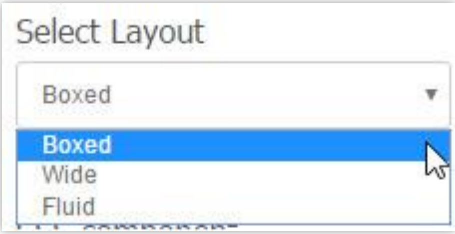

Template Manager
Basic Details
Presets
Layout Manager
Theme Options
General
Typography
Images
Colors
Header
Custom CSS
Reset
Select Layout
Fluid
CSS components
Check/Uncheck the boxes whether to load or not following css components.
Navigation
Forms
Tables
Pagination
Direction From Right to Left
Check this box to make your layout direction from right to left.
Save Changes
Cancel

There are a number of settings options available on the left side to customize your theme. Let's learn about each of them in detail.

General

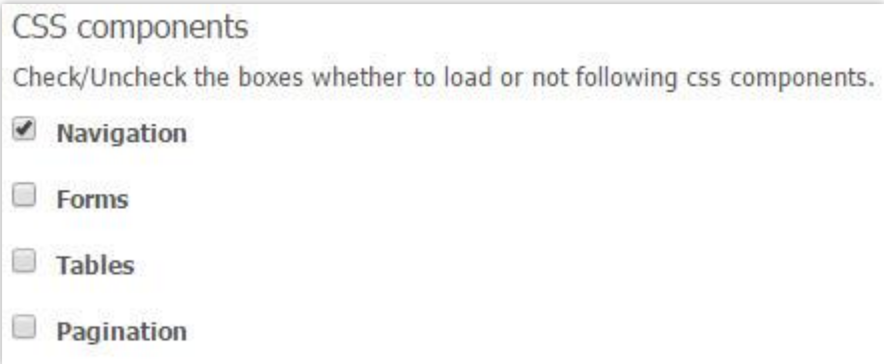
The General tab shows some basic settings for the theme. There are three sections in the general layout.

- **Select Layout** allows you to select a layout from the available ones in the dropdown list.

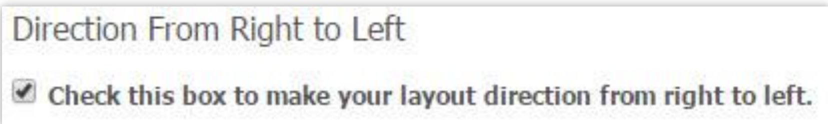


Note: All the layouts are controlled by sfwide class.

- **CSS Components** allows you to check/uncheck the css components to show in your theme.

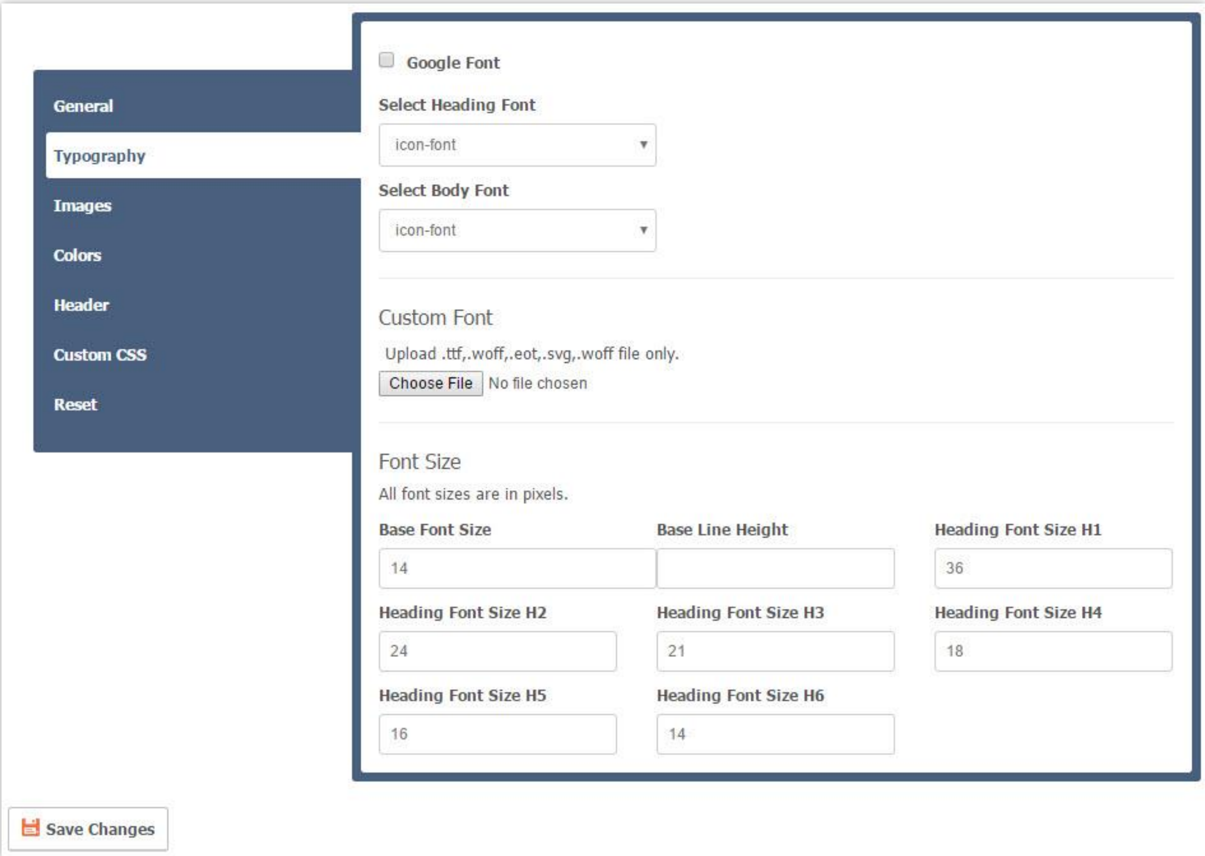


- **Direction from Right to Left** allows you to check/uncheck your layout direction from right to left.



Typography

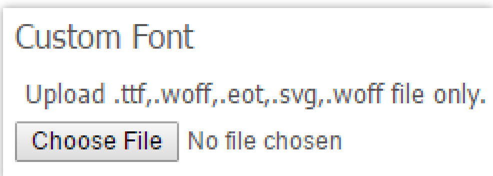
Typography basically focuses on font styles and sizes.



This tab consists of the following sections.

- When you check **Google Font,** you can directly enter the code from google fonts and use it.

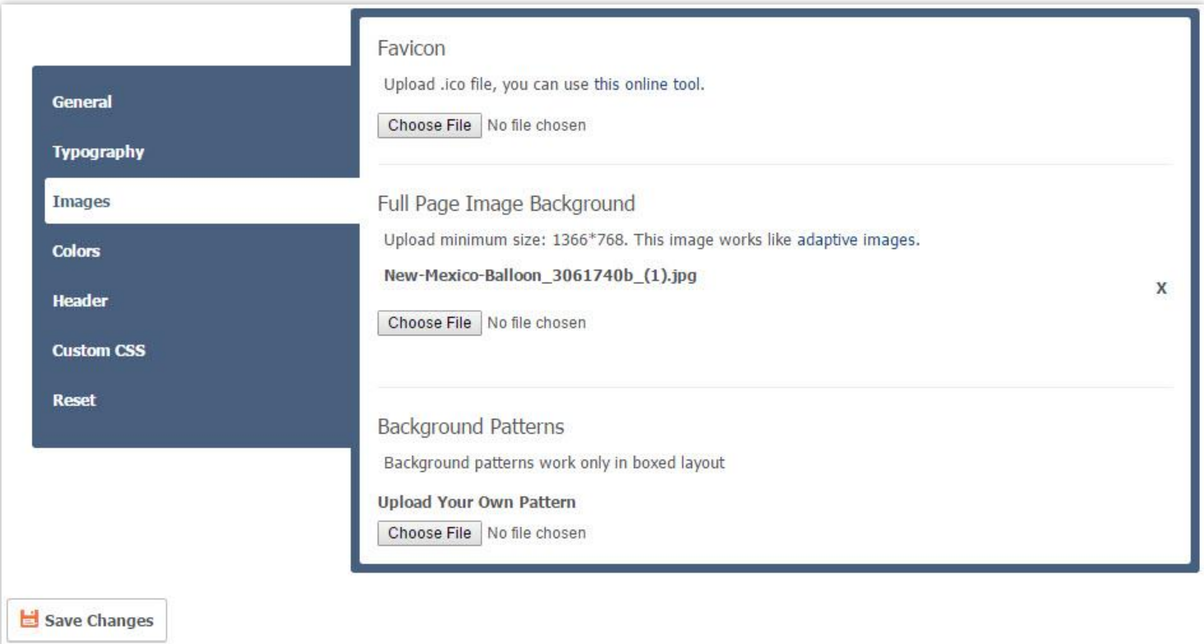
- You can select **Heading Font** and **Body Font** from the dropdown list.
- You can also upload **Custom Fonts** but note that the file formats should be .ttf, .woff, .eot, .svg, .woff only.



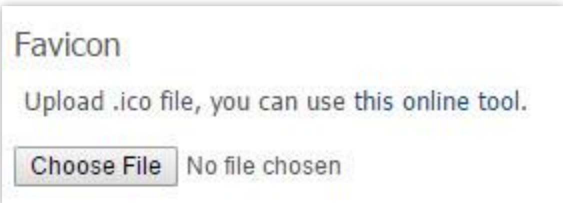
- You can also select the **Font Sizes** for all the text styles. Note that the font sizes are in pixels.

Images

This tab allows you to upload files for favicon, background images and background patterns.



- In **Favicon,** you can upload icons in .ico file format. If you need to create this kind of file, a link is present for your convenience.



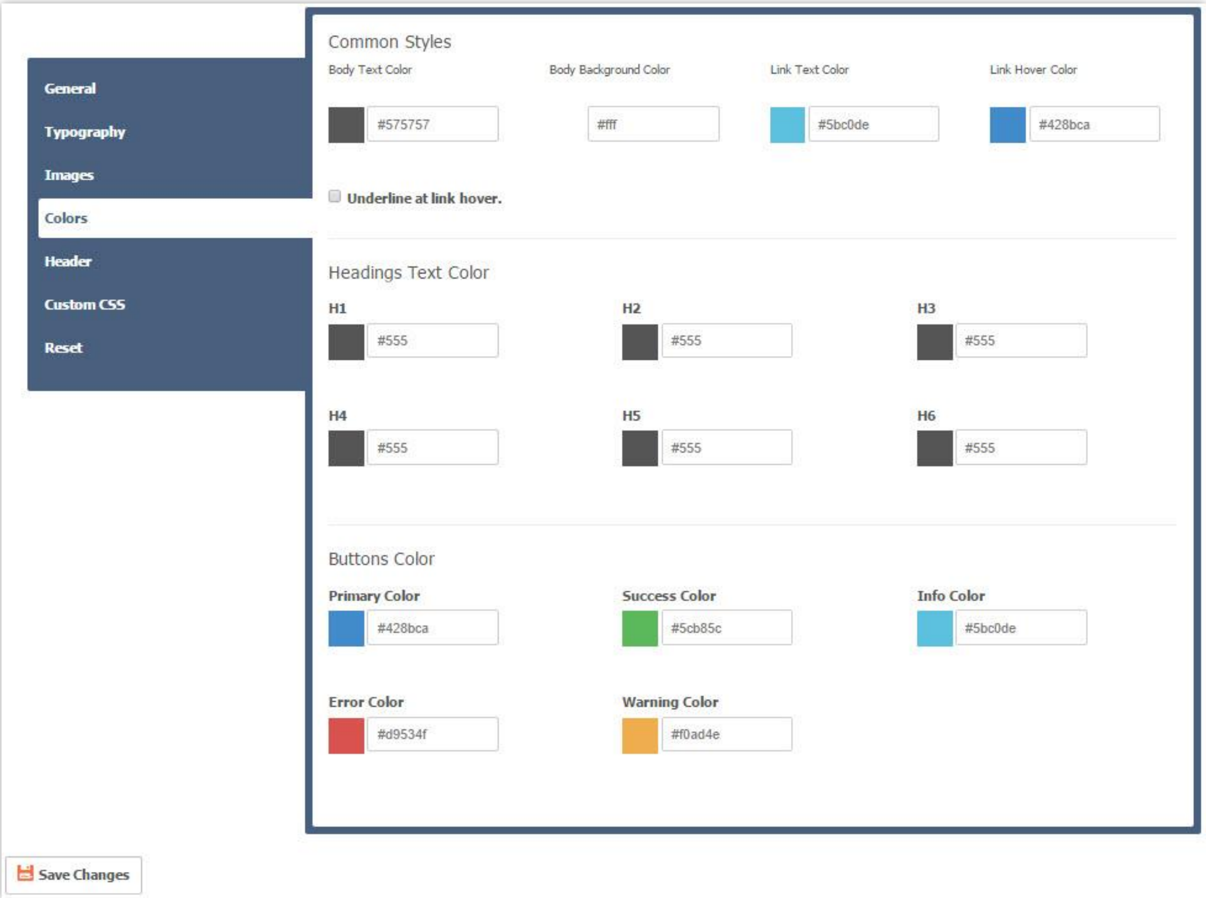
- **Full Page Image Background** allows you to upload .jpg files for background image. The minimum size for the image is given as seen in the image below.

- You can upload your **Background Patterns** here.

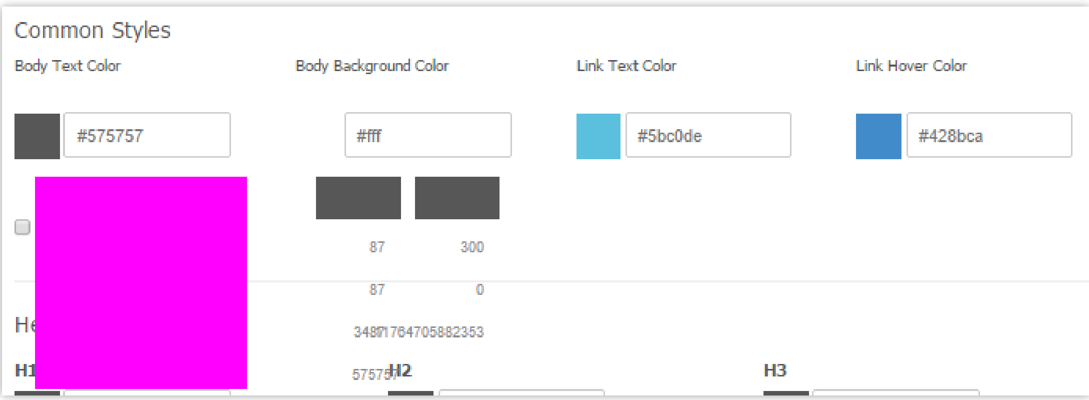
Note: *This image can be uploaded in **Boxed Layout** only.*

Colors

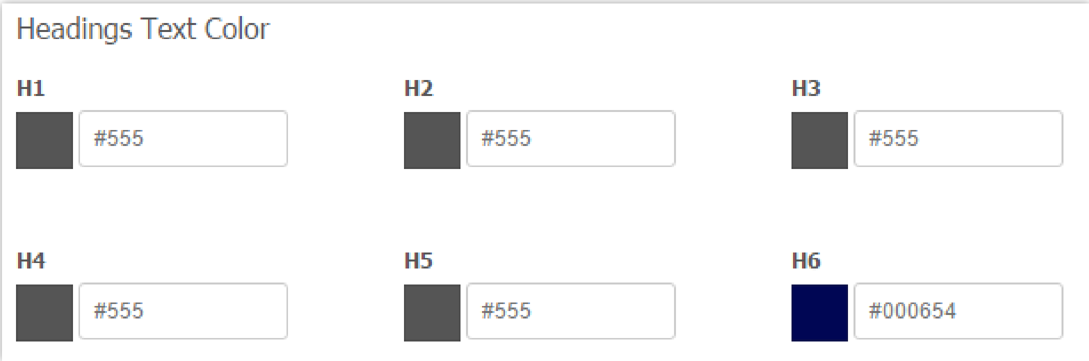
You can customize the color for all the styles, headings and buttons from here.



- **Common Styles** shows color selection for Body Text Color, Body Background Color, Link Text Color and Link Hover Color. Just click on the color box or type your color code in the textbox.



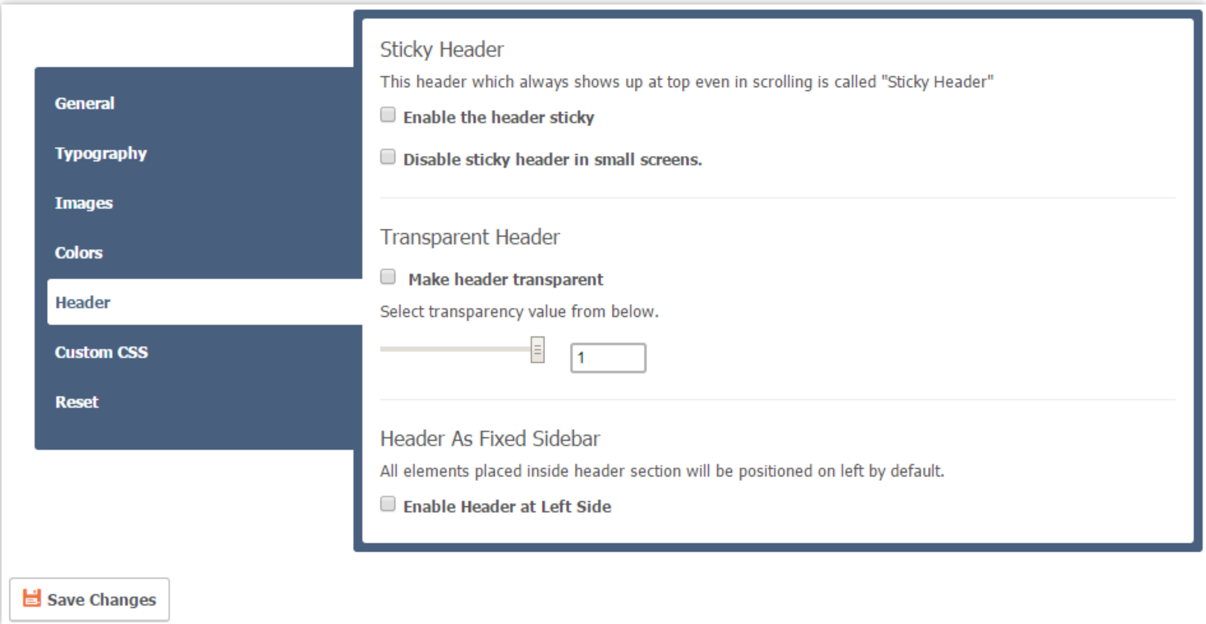
- You can select different colors for headings from **Heading Text Color.**



- You can also select colors for the different buttons that you use in your theme with **Buttons Color.**

Header

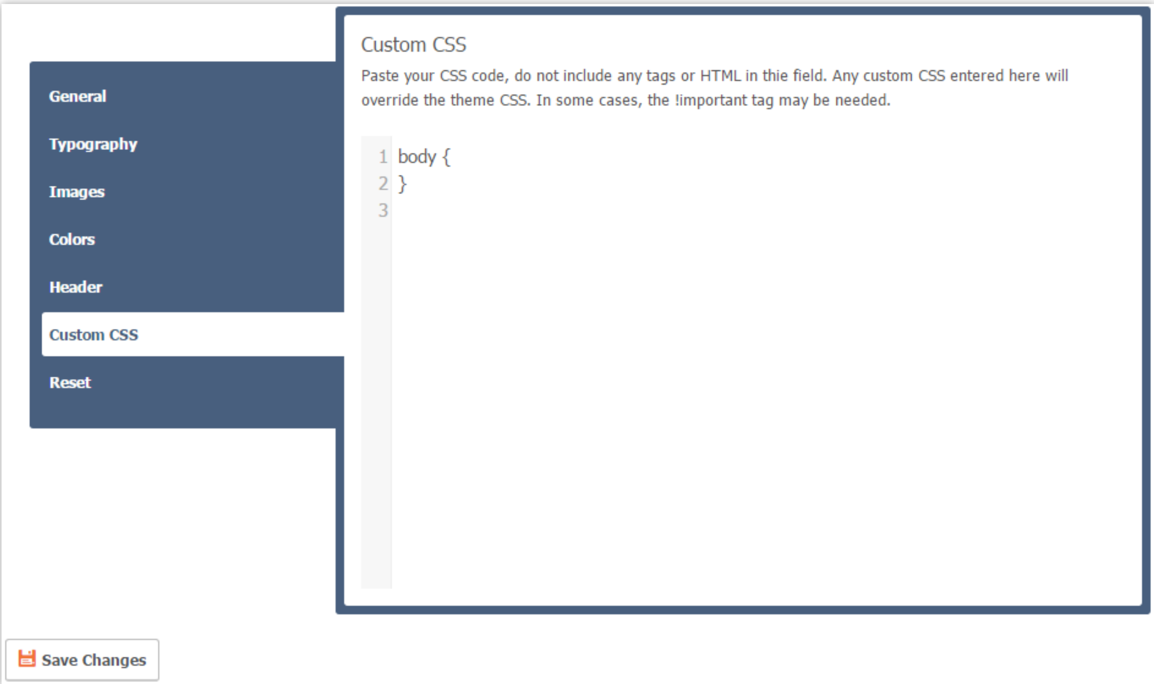
You can use different header options for your theme.



- **Sticky Header** is an ever present header at the top of the page. You can enable or disable this sticky header according to your need.
- **Transparent Header** allows you the select header transparency from 0-1 or completely make the header transparent.
- **Header As Fixed Sidebar** automatically shifts your header to the left side of the page.

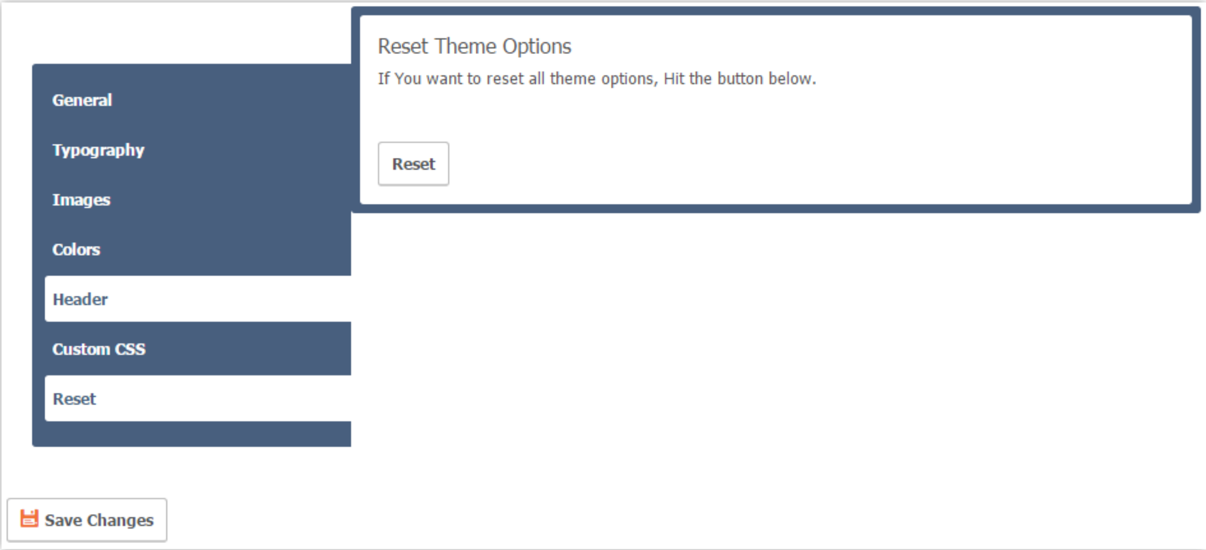
Custom CSS

You can write your custom CSS here or use your previous CSS as well.



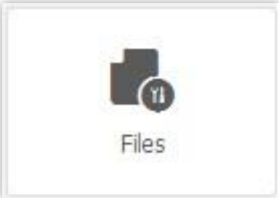
Reset

The **Reset** button will restore the default settings from SageFrame.



Working with Files

SageFrame **File Manager** user interface to work with files and folders. Now, administrator need not login to **FTP Manager** to add/edit any file. They can simply work with the existing file or add new file by using file manager.

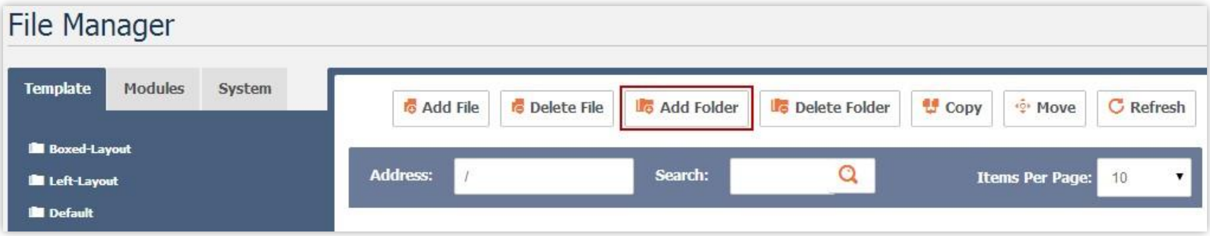


You can do the following from this page.

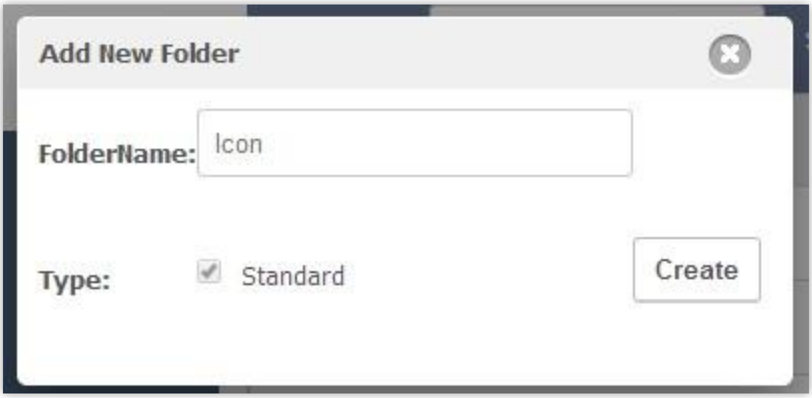
- Add a folder
- Add files to folder
- Edit a file
- Copy or move file/files to other folders
- Delete a file/folder

Add New Folder

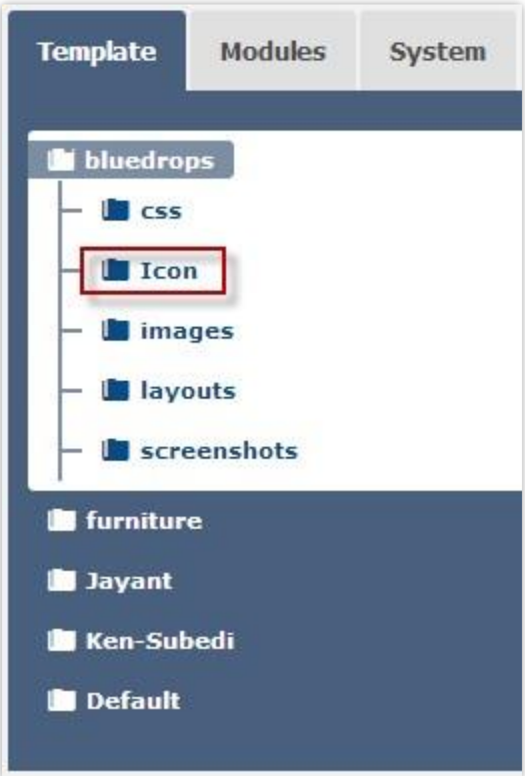
1. From your SageFrame **C-Panel,** click on **Files.**
2. In the **File Manager** page, you can add folder to either **Template, Modules** or **System.** Click on the tab that you want to add the folder to. For your convenience, I have selected **bluedrops** from **Templates** tab. Then click on **Add Folder** button.



3. A pop-up window will be visible. Enter **FolderName** and select the **Type.** Click on **Create** button.



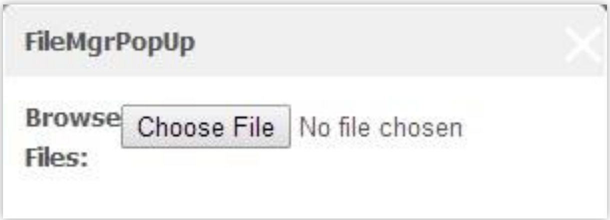
4. The newly added folder will be visible under the specified files folder i.e. CSS. Here, **Icon** folder has been created in **Template>>bluedrops.**



Click on the folder to view its files.

Add Files to the Folder

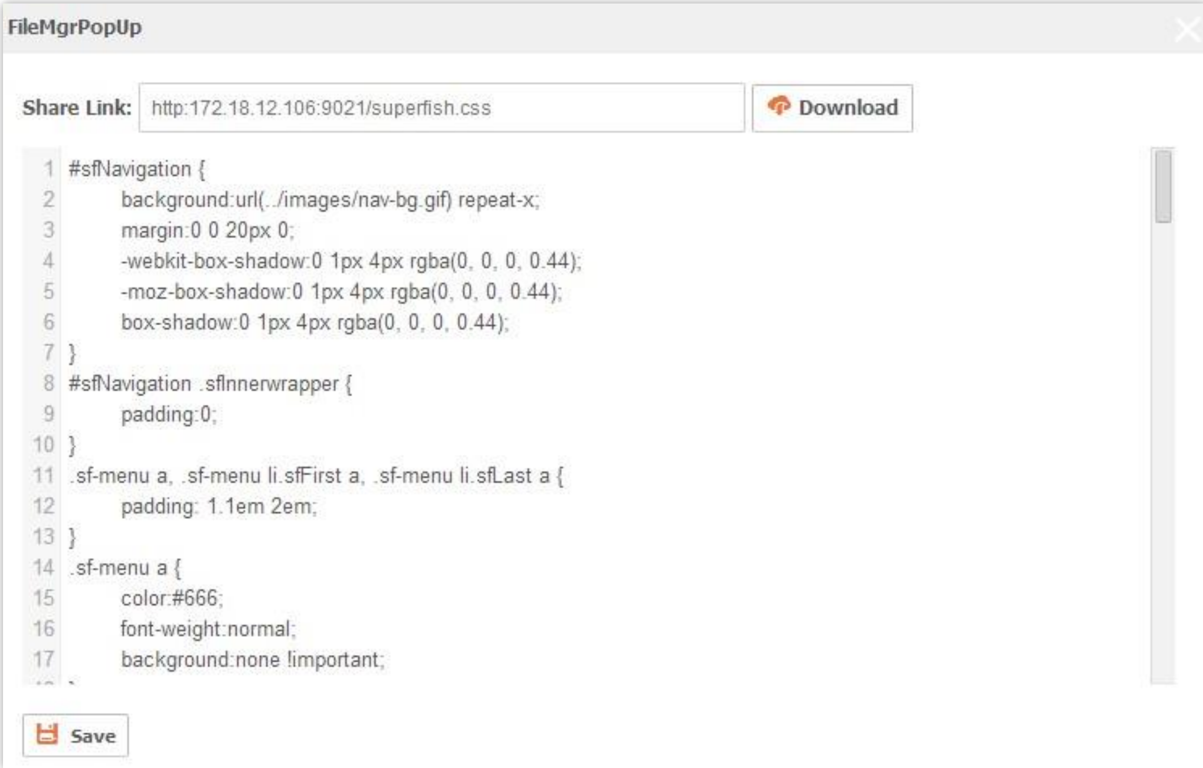
1. Select the folder the left panel where you want to add a file to and click on **Add File.** For your convenience, **Icon** file from above has been used for demo.
2. In the pop-up window, browse the file that you want to add.



3. The newly added file can be seen in the File list.

Edit a File

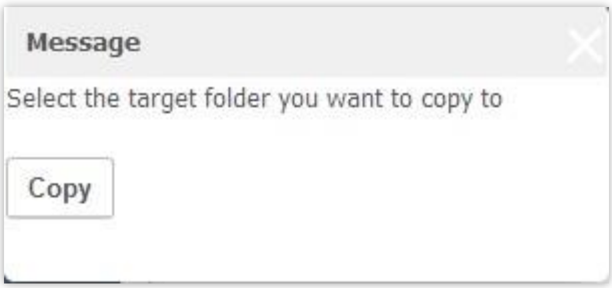
1. To edit a file, click on the name of the file.
2. For your convenience, we have selected **Superfish.css** file. A pop-up windows that looks like the image below will be seen.



3. You can edit the file from here. Click on **Save** button to save your changes.

Copy or Move File/Files to other Folder

1. To copy a file, click on the checkbox of the file that you want to copy and click on **Copy** button. You will receive the following message.



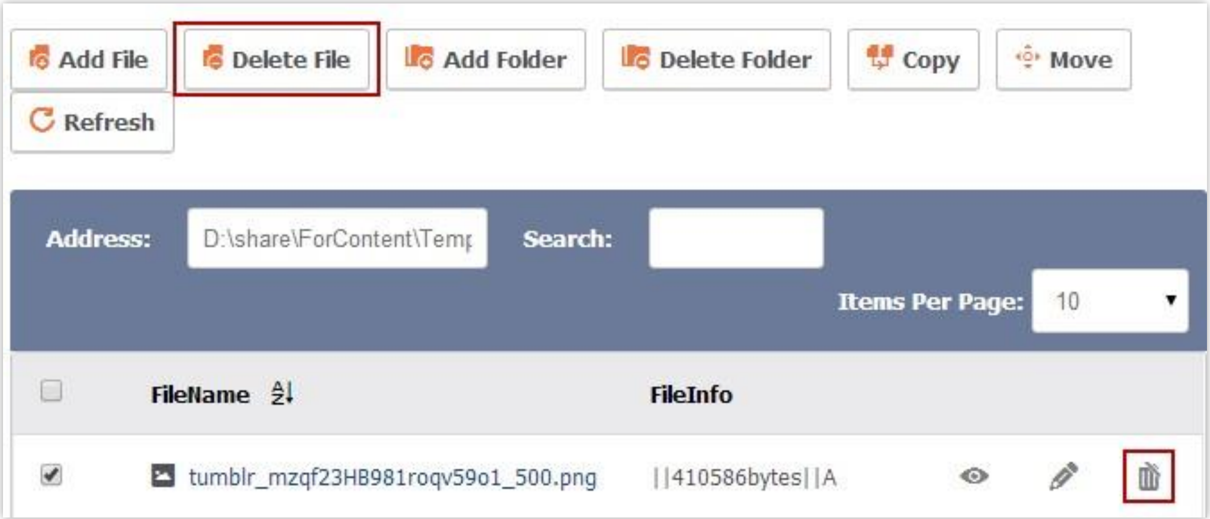
2. Now, choose the target folder and click **Copy.**

3. Your file will be copied to the designated folder. Here, file **abc.png** has been copied to **Images** folder.

Note: *To move a file from one folder to the other, follow the same process as mentioned below but use* ***Move*** *button instead of* ***Copy.*** *This will move the entire file without leaving a copy of it.*

Delete a File/Folder

1. From **File Manager** page, click on **Delete File** button or select the respective file and click on **Delete** icon placed on the right side of the file name.



2. The following message will appear.

3. Click on **Yes** to delete the file permanently.

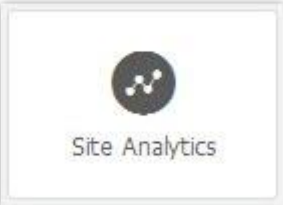
Note: *To delete a folder, click on the folder name that you want to delete and click on **Delete Folder** button or select the respective folder and click on **Delete** icon placed on the right side of the file name. Just make sure that there are no files in the folder that you want to delete.*

Working with Site Analytics

Site Analytics feature tracks your site traffic based on the hits generated from a particular country, browser or page. It thus analyzes the popularity of your sire based on the analytics generated.

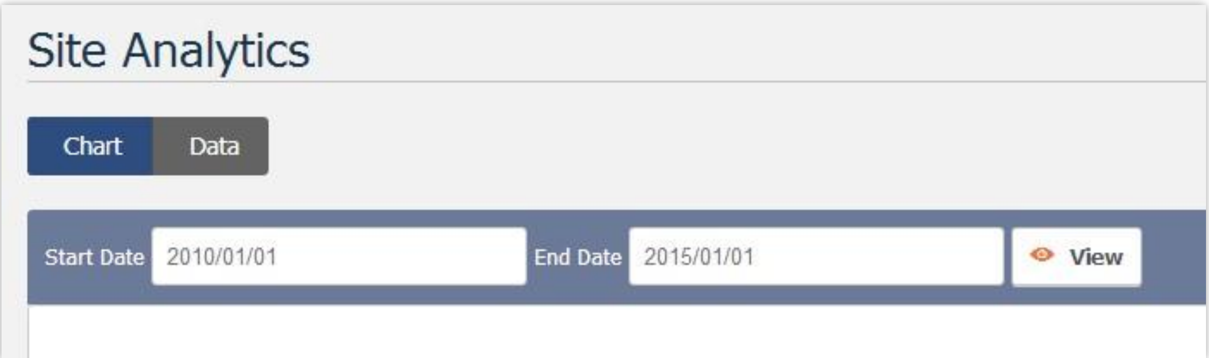
You can do the following from this page.

- How to use site analytics
- View site analytics chart wise
- View site analytics data wise



How to use Site Analytics

From your SageFrame **C-Panel,** click on **Site Analytics.** The hits and traffic of your site can easily be obtained according to the date that you enter there. With the options **Start Date** and **End Date,** you can have the **chart** as well as **data** view of your site analytics.

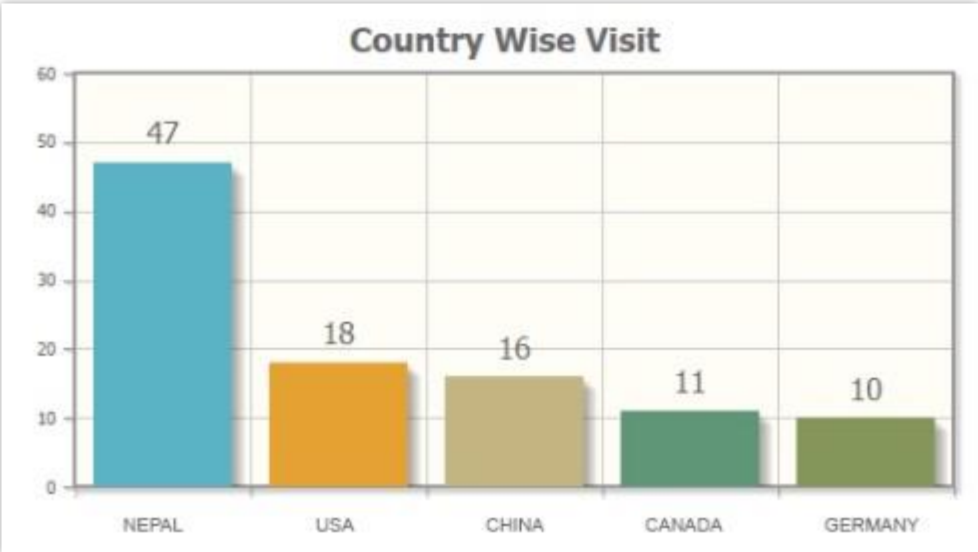


You can have all your site traffic analyzed in terms of chart and data with **Date Wise Page Visit, Country Wise Visit, Current Month Visit, Browser Wise Visit** and **Page Wise Visit.**

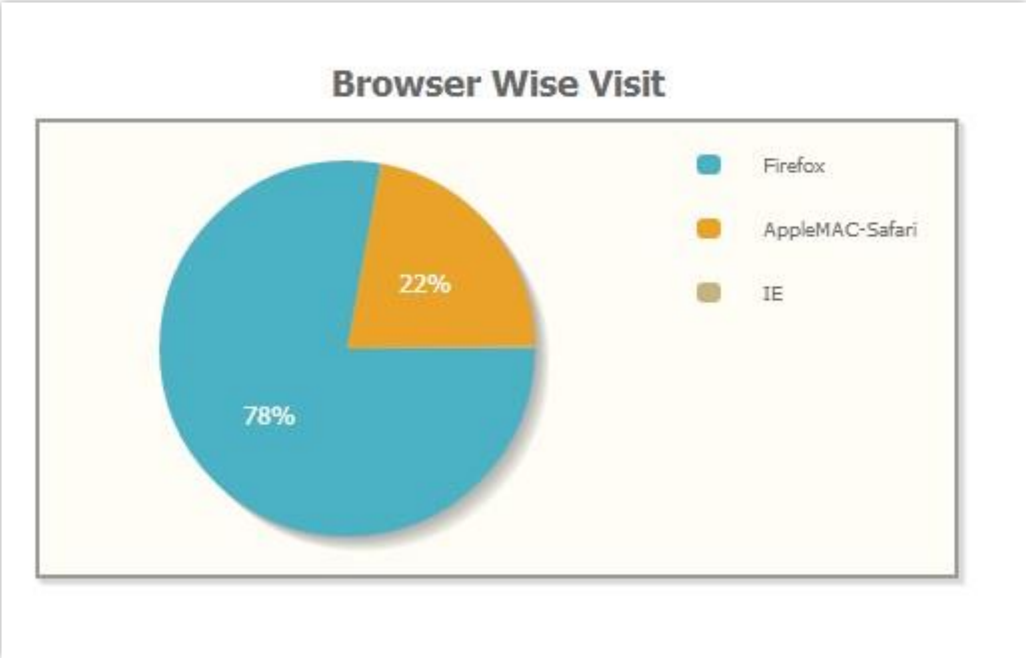
Chart View

Date Wise Page Visit: This lets you have the hold of charts of your page hits according to the date that you enter.

Country Wise Visit: This allows you to have the graphs of your page visits from the countries worldwide.

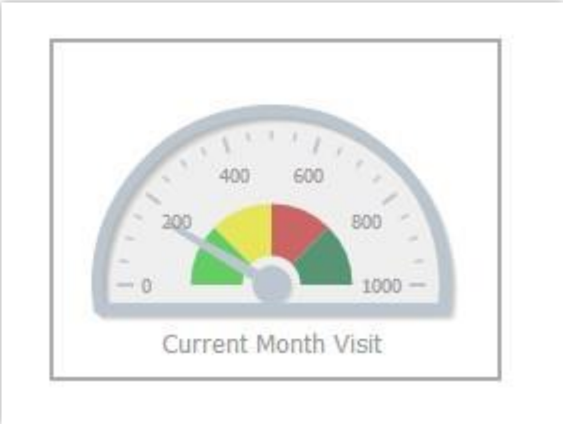


Browser Wise Visit: This option allows you to learn about your page visits via multiple web browsers in terms of pie-chart view.



Page Wise Visit: This lets you know which of your particular [age has the highest views amongst all. With the bar-graph view, you can even highlight the specific page that has more hits than others.

Current Month Visit: This option gives you the hold of all your site traffic of the current month in a single attractive chart as shown in the image below.



Data View

Country Wise Visit: This option allows you to have all the data of your page visits from the countries worldwide.

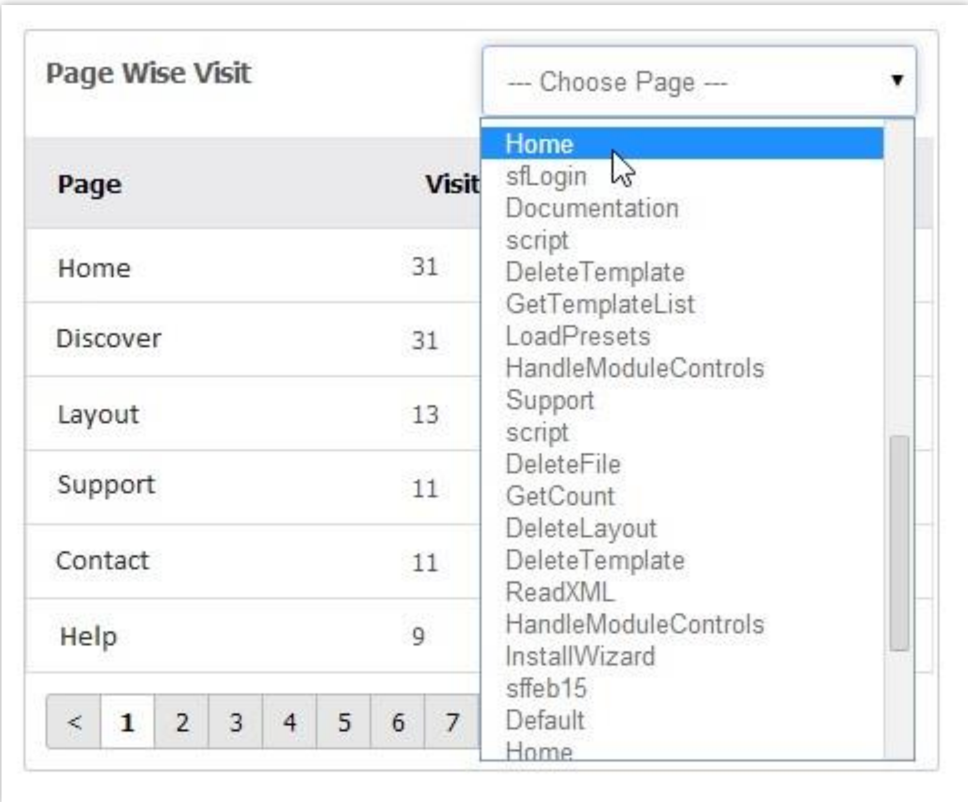
Country Wise Visit

Country	Visit Time
NEPAL	162
INDIA	46
U.S.A.	36
AUSTRALIA	24
Japan	20
U.K.	17

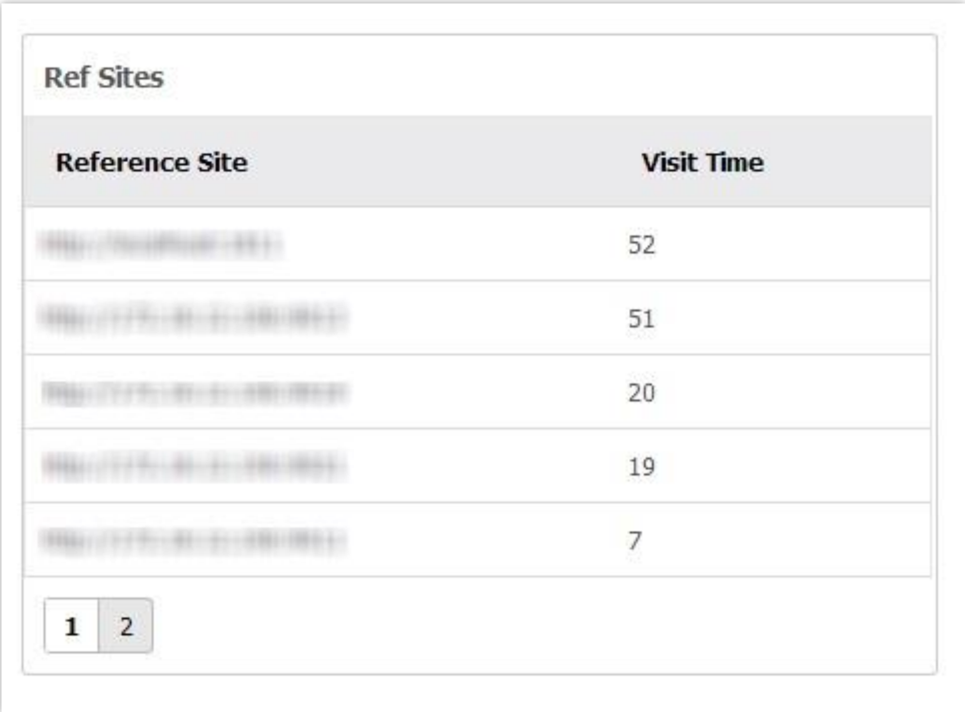
1 2 3

Browser Wise Visit: This enables you to have the exact data of your page visits via multiple web browsers.

Page Wise Visit: This lets you know which of your particular page has the highest views amongst all. With the exact data on how many times the specific page has been viewed, you can now have your site traffic analyzed for each of your page.



Reference Site: This is one of the important options in Site Analytics that helps you know the factual data of your site from where the traffic has mostly been referred. You can now view the exact number of visits with a list of sites from where the traffic has been referred as seen in the image below.

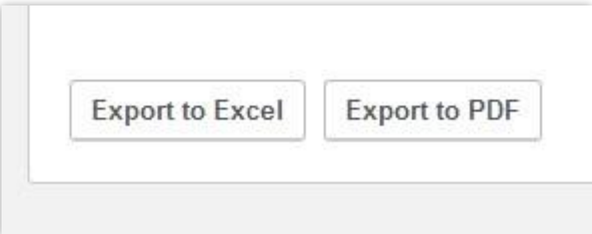


Ref Sites

Reference Site	Visit Time
[illegible]	52
[illegible]	51
[illegible]	20
[illegible]	19
[illegible]	7

1 2

There are two options – **Export to Excel** and **Export to PDF** that helps you to export the analytics data.



Working with Portals

Web Portals provide a way for enterprises to give a consistent look and feel with access control and procedures for multiple applications and databases, which otherwise would have been different entities altogether.

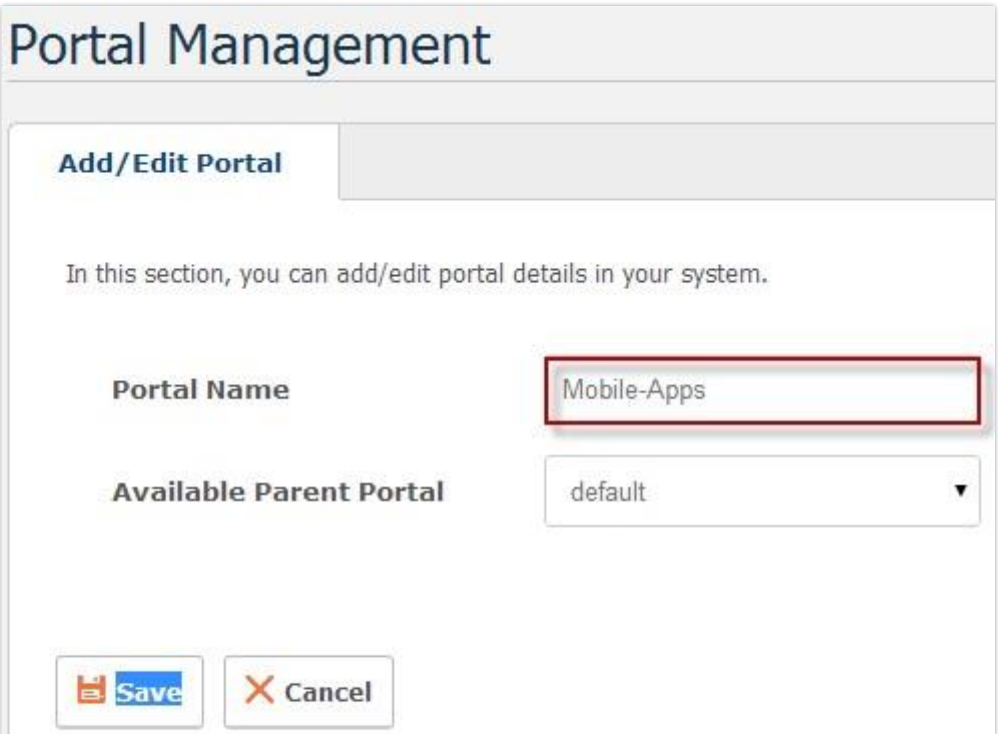
With SageFrame, administrators and superusers can manage multiple web portals at a time, thereby having the freedom to assign any portal as the parent or child portal. In SageFrame, portals can be added or edited with ease. By default there will be modules populated for each portal. Users can easily keep the modules for particular portal clicking in the checkboxes available on **Portal Modules Management** page.

You can do the following from this page.

- Add new portals
- Edit the existing portals
- Make modules accessible for the portals

Add New Portal

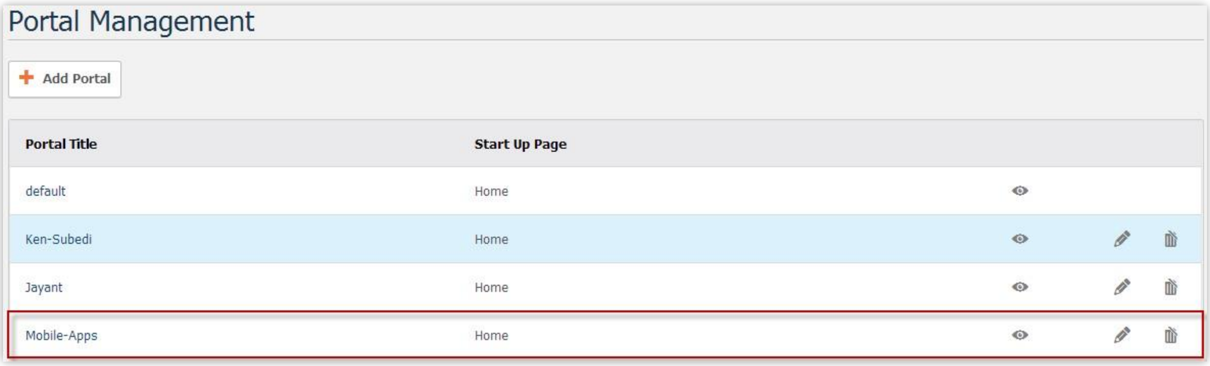
1. From your SageFrame **C-Panel,** click on **Portals.**
2. On **Portal Management** page, click on **Add Portal.**



3. Enter **Portal Name** that you wish to add. In **Available Parent Portal,** select a portal from the dropdown list to set as default.

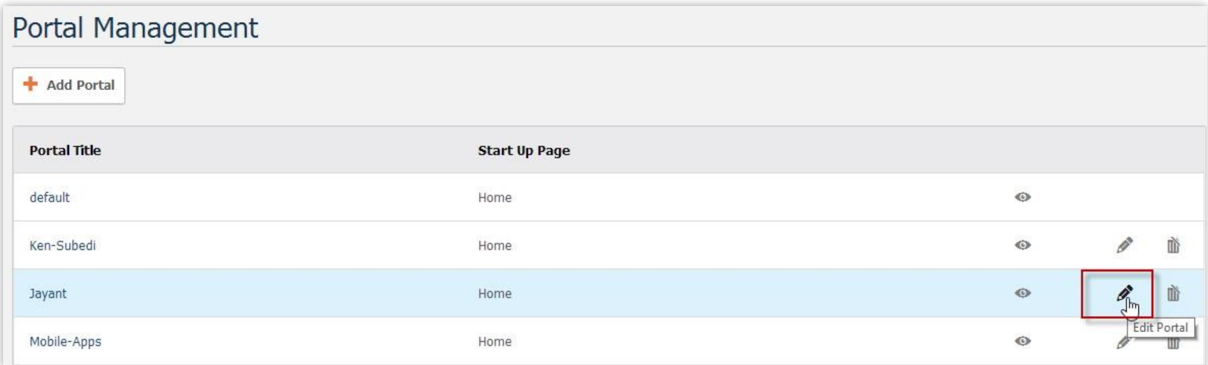
4. Click on **Save.**

   The newly added portal will now be listed on **Portal Management** page along with other portals.



Edit a Portal

1. From your SageFrame **C-Panel,** click on **Portals.**
2. On **Portal Management** page, click on **Add Portal.**



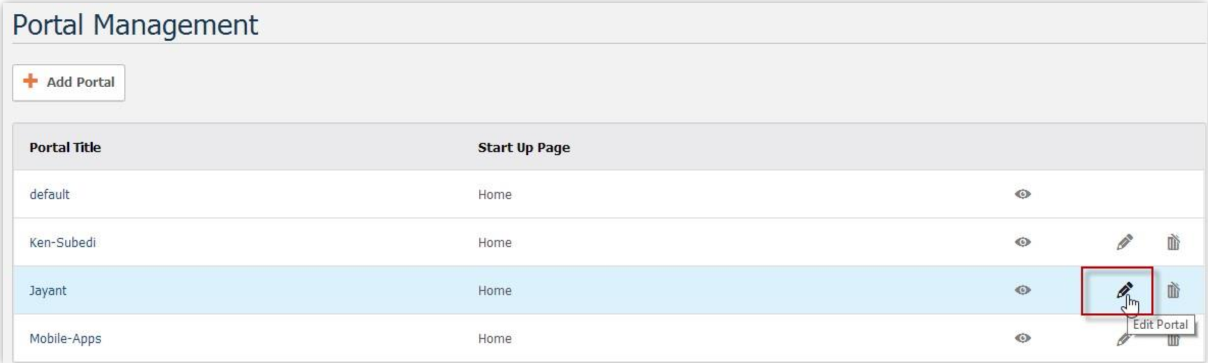
3. Edit the fields that you want to change.
4. Click on **Save.**

Making Modules Accessible for the Portals

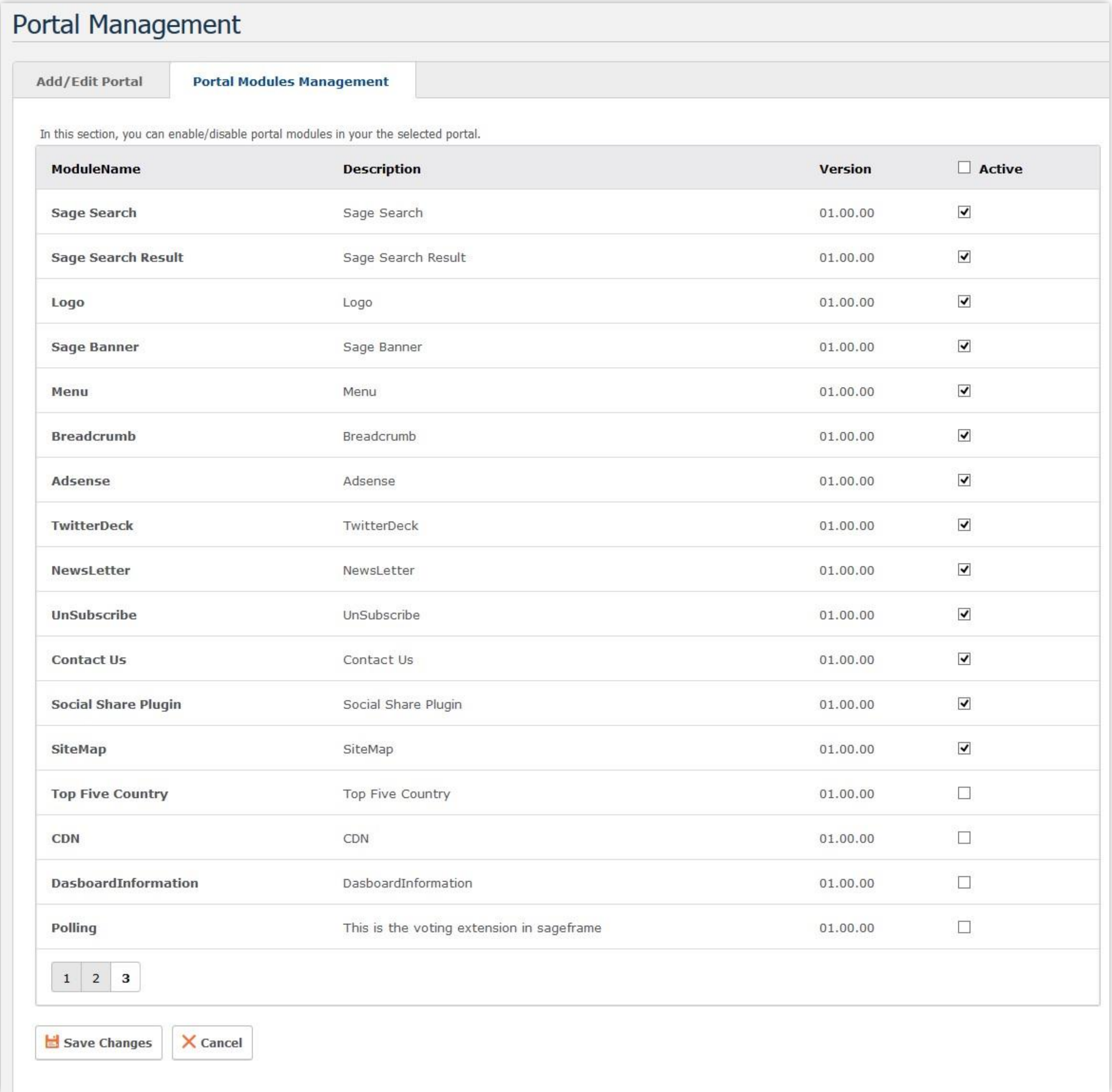
Once the module is installed, superuser can make the module available to the administrator of that portal. Some modules may have been installed focusing on the specific needs of a portal or due to security reasons, may not be made available to all the portals. In such a situation, superuser can give access of the modules to particular portal(s).

Superusers can perform this task by following the steps mentioned below.

1. From your SageFrame **C-Panel,** click on **Portal.**
2. On **Portal Management** page, select the portal that you want to assign the modules to and click on the **Pencil** icon.



3. You will land on **Portal Modules Management** tab. Click on the checkboxes to activate the modules for the portal. Uncheck the checkboxes if you want to deactivate.


Portal Management

Add/Edit Portal | Portal Modules Management

In this section, you can enable/disable portal modules in your the selected portal.

ModuleName	Description	Version	Active
Sage Search	Sage Search	01.00.00	☑
Sage Search Result	Sage Search Result	01.00.00	☑
Logo	Logo	01.00.00	☑
Sage Banner	Sage Banner	01.00.00	☑
Menu	Menu	01.00.00	☑
Breadcrumb	Breadcrumb	01.00.00	☑
Adsense	Adsense	01.00.00	☑
TwitterDeck	TwitterDeck	01.00.00	☑
NewsLetter	NewsLetter	01.00.00	☑
UnSubscribe	UnSubscribe	01.00.00	☑
Contact Us	Contact Us	01.00.00	☑
Social Share Plugin	Social Share Plugin	01.00.00	☑
SiteMap	SiteMap	01.00.00	☑
Top Five Country	Top Five Country	01.00.00	☐
CDN	CDN	01.00.00	☐
DasboardInformation	DasboardInformation	01.00.00	☐
Polling	This is the voting extension in sageframe	01.00.00	☐

1 2 3

Save Changes | Cancel

4. Click on **Save Changes.**
5. You will receive a confirmation box saying **Are you sure you want to save the changes?** Click on **OK.**
6. A successful message saying **Selected changes have been saved successfully** will be displayed.

Working with Links

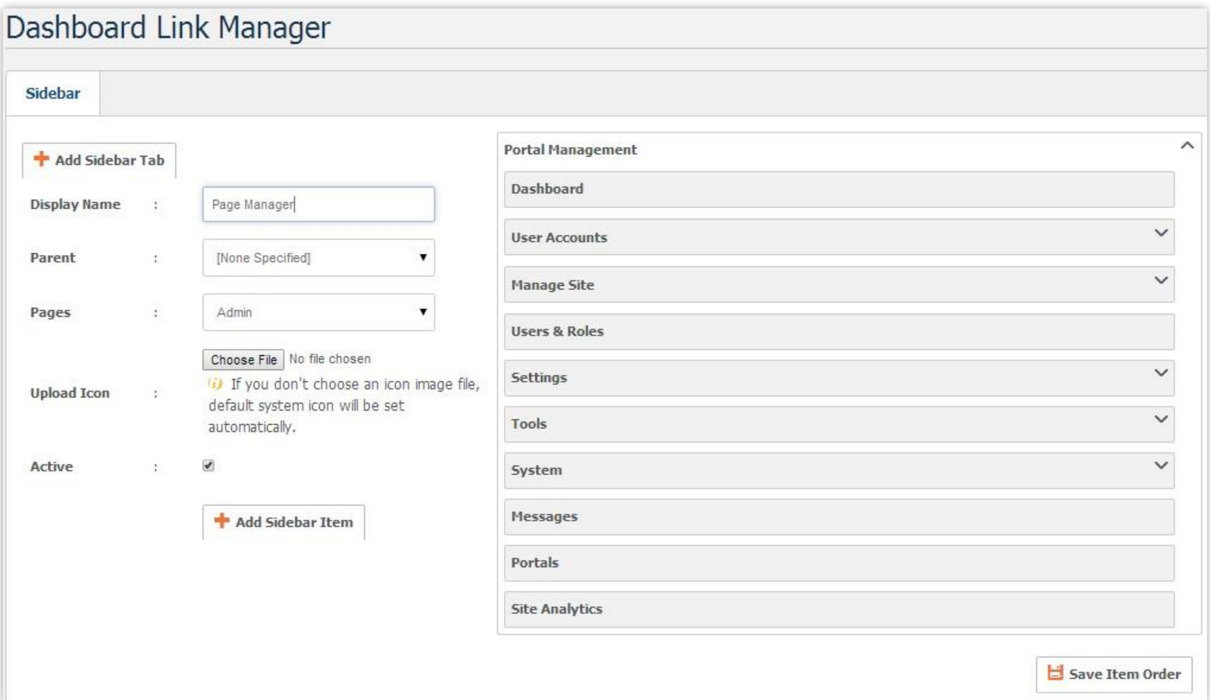
Links module helps you to manage the dashboard by the addition of frequently visited pages and modules to the side bar. The quick links and sidebar helps you to get to those pages quickly. You can individually add the required sidebar as well as sidebar item and also remove them according to your requirement.

You can do the following from this page.

- Add pages to the sidebar
- Add sidebar tab

Add Pages to the Sidebar

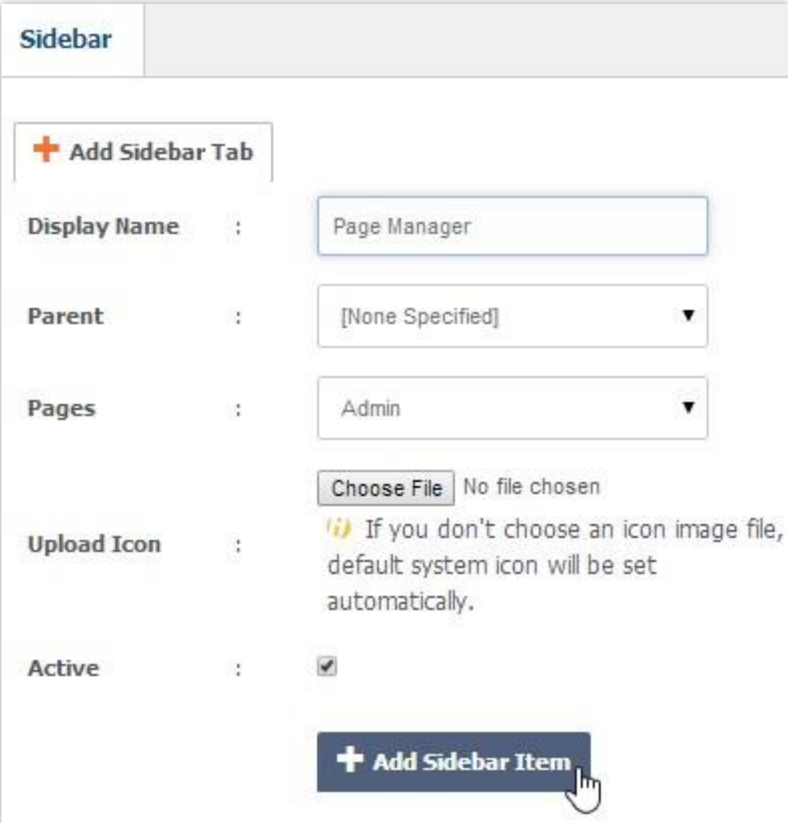
1. From your SageFrame **C-Panel,** click on **Links.**
2. In **Dashboard Link Manager** Page, you can see the list of pages that are in the sidebar.



3. Click on **Add Sidebar Tab** button and enter the details for the following fields.

Fields	Description
Display Name	Enter an appropriate page name.
Parent Page	Select a parent page from the dropdown list.
Pages	Select the page that you want to add to the sidebar from the dropdown list.
Upload Icon	Browse an image and set as icon for the page.
Active	Checkmark to display it in the sidebar.

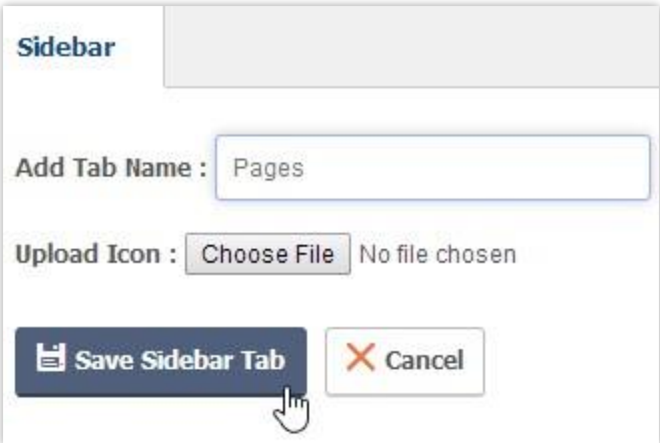
4. Click on **Add Sidebar Item** button to save your details.



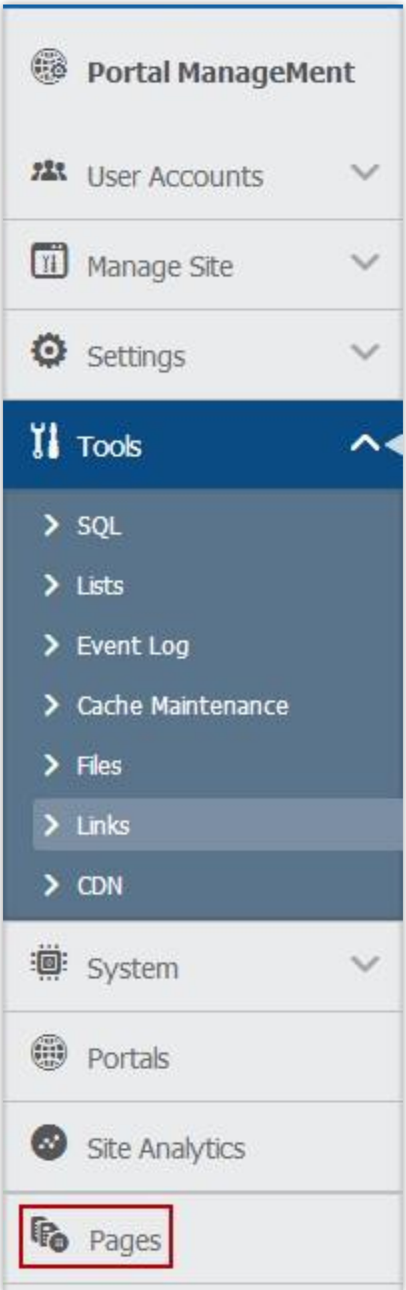
You will then receive **Link has been added successfully** message. You can now see the newly added page on the sidebar as shown in the image below.

Add a Sidebar Tab

1. Click on **Add Sidebar Tab** button.
2. You will land on the following page.



3. Enter the **Tab Name** and choose an image for **Icon.** Click on **Save** button.
4. The newly added Tab will be seen in the sidebar.



***Note:** You can click on **Edit** or **Delete** icon for editing or deleting the sidebar.*

Working with SEO

Search Engine Optimization (SEO) is a powerful web marketing technique to increase your website's traffic. The idea is that with the increase in traffic, you will have increased sales. SEO extension module of SageFrame lets you generate **Google Analytics, Robots** and **Sitemap** automatically and submits the site to major search engines such as **Google, Yahoo** and **Bing** at the same time.

Let's learn about the three tabs – **Google Analytics, Sitemap** and **Robots** in detail.

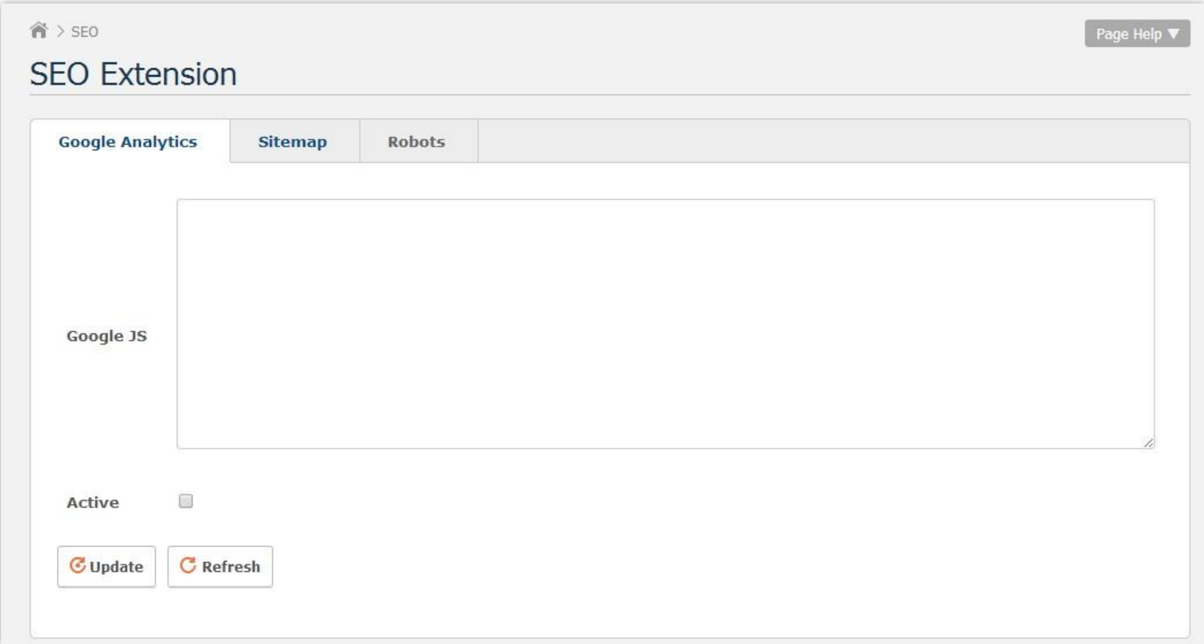
Google Analytics

Google Analytics generates detail statistics about the visitors on a website. If your site sells products or services online, you can use this module in SageFrame to track sales activity, performance and other detailed statistics about the site visitor. You just need to add this module to one of the pages on your site; and it will support you with a box where you can abruptly drop the received code.

Note: *You must first register with Google Analytics for your website upon which they will provide you a JavaScript code.*

To get the site statistics, follow the steps as mentioned below.

1. From your SageFrame **C-Panel,** click on **SEO.**
2. You will land on **SEO Extension** page. Make sure that you have selected the first tab i.e. **Google Analytics.**



3. Enter the **Google JS** code of your site and click on **Active** to activate it on your site.
4. Click on **Update** to complete the process.

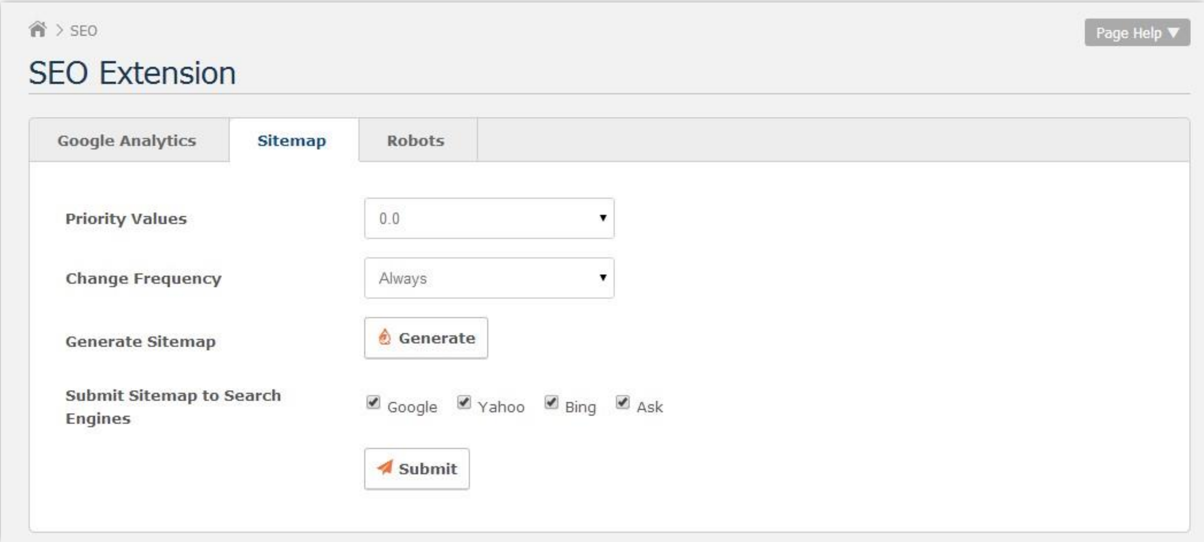
The main objective of using Google analytics is to make sure that your site loads faster. It cannot be shown in local host.

Sitemap

Sitemap is a list of pages of a website accessible to crawlers or users. SageFrame SEO Extension generates **XML sitemap** (regarded as more precise than HTML coding) that helps visitors and search engine bots find pages on the site. The XML file is created in root folder in the host of that particular site.

Follow the steps mentioned below to generate an automated XML sitemap and submit them to major search engines in a single attempt.

1. From your SageFrame **C-Panel,** click on **SEO.**
2. You will land on **SEO Extension** Page. Select the second tab i.e. **Sitemap.**



3. Enter the given fields with valid information. Refer to the table below to learn in detail.

Fields	Description
Priority Values	This is mainly to define priority level for pages in your website search engines to index them which you can choose from the dropdown list.
Change Frequency	This option lets you set the sitemap update frequency depending on the updates to your website. You can choose the frequency as per your needs from the dropdown list.
Generate Sitemap	Click on this option to generate sitemap; upon which you will be notified with **Sitemap Generated Successfully** message.
Submit Sitemap to Search Engines	Click on the search engine checkboxes that you wish to submit the sitemap for your website. ***Note:*** *It is suggested that you submit the sitemap to all of the major search engines.*

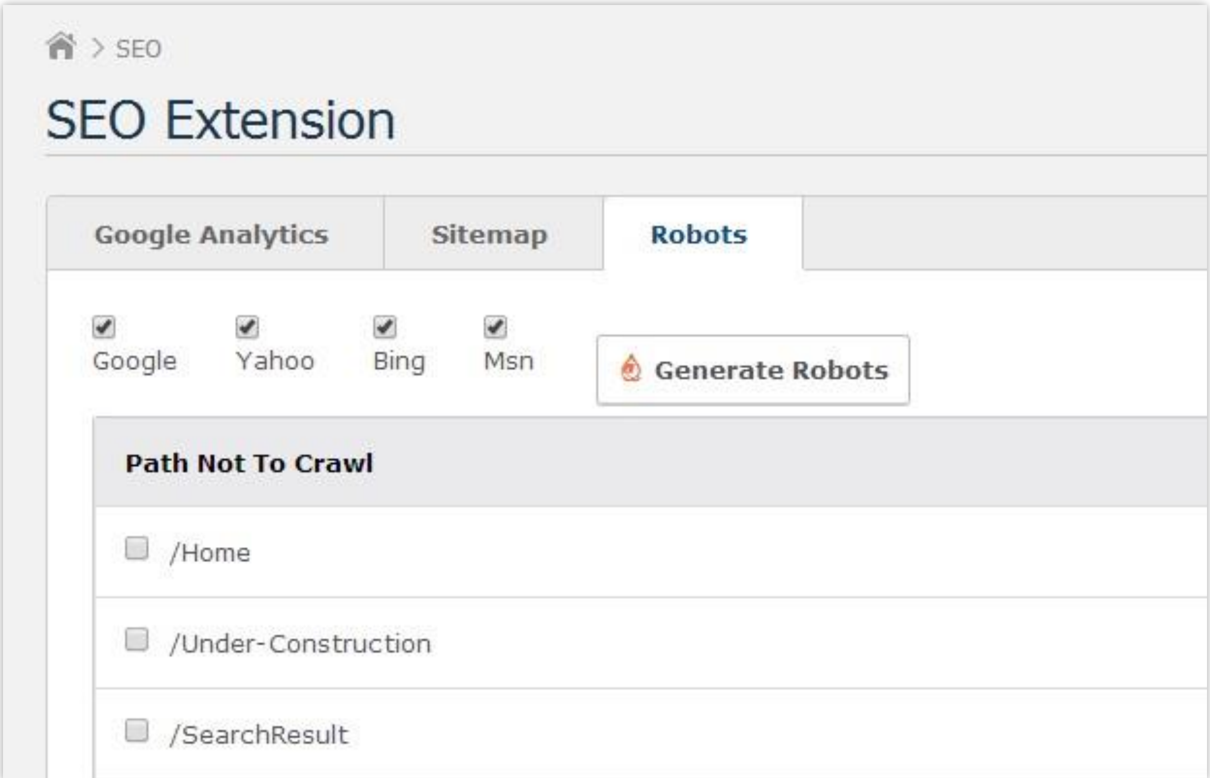
4. Click on **Submit** to complete the process.

Robots

Robots are the list of pages in a site that are not accessible to a crawler. Robots assist search engines to escape the pages and search for the correct one which also saves time for browsing. **Robots.txt** is created in the root folder of the site host.

Follow the steps mentioned below to disallow pages to visit on your site.

1. From your SageFrame **C-Panel,** click on **SEO.**
2. You will land on **SEO Extension** page. Select the third tab i.e. **Robots.**

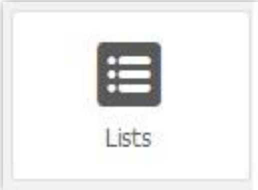


3. Click on the checkboxes of the pages or paths for which you wish to refuse access. Click on **Generate Robots** button to generate and update robots for the selected pages.
4. In the picture above, two paths - **/Under-Construction** and **/SearchResult** will not be available for the crawler to crawl.

Once you hit **Generate Robots** button, you will see a message saying **Robots Generated Successfully.**

Working with Lists

The **Lists** page is a powerful module that can be used by developers to maintain lists of information. The lists entries application as shown in your SageFrame site profile.

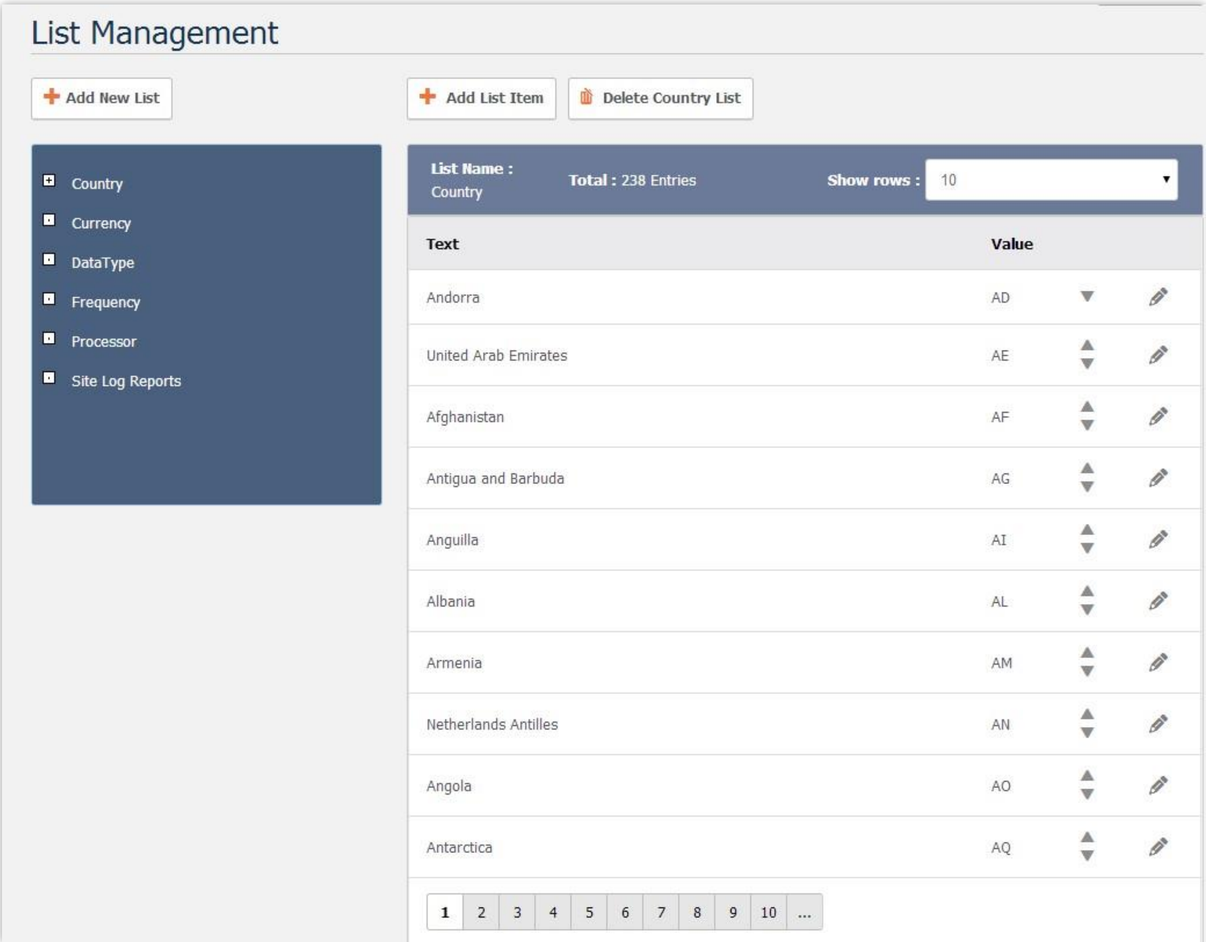


You can do the following from this page.

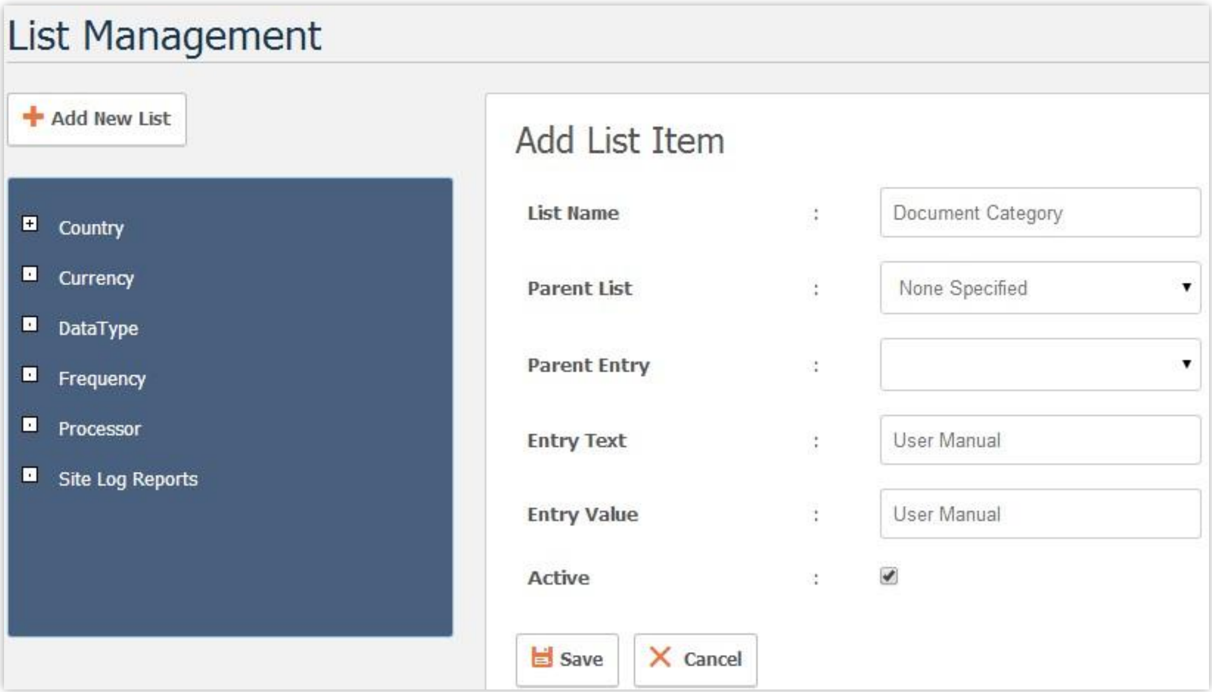
- Add a Parent List to the Portal
- Add a Child List to the Portal
- Delete a User Generated List

Add a Parent List to the Portal

1. From your SageFrame **C-Panel,** click on **Lists.**
2. You will land on **List Management** page.



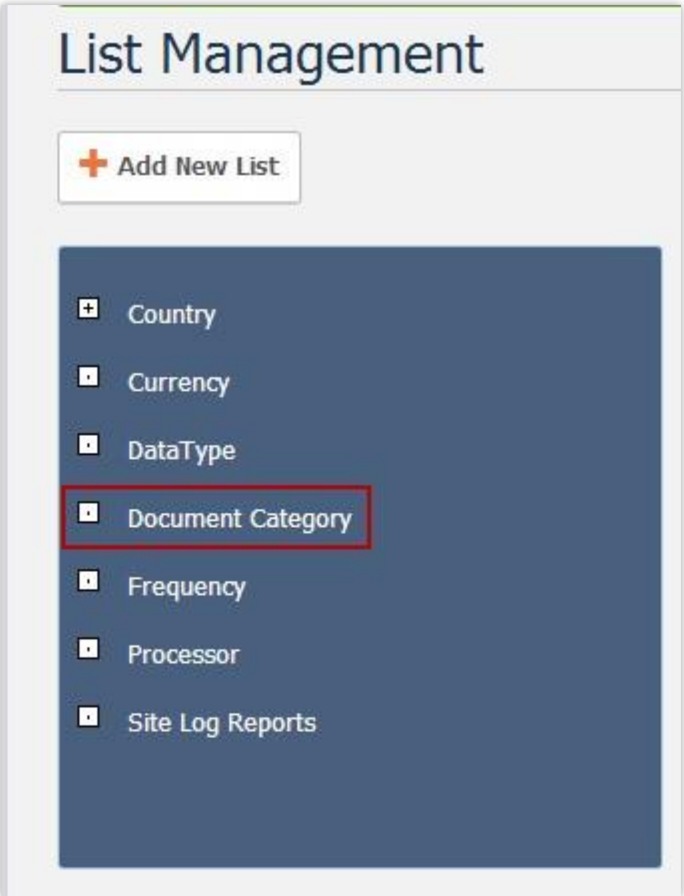
3. Click on **Add New List** button to add a new Parent List.



4. Enter the required details with valid information.

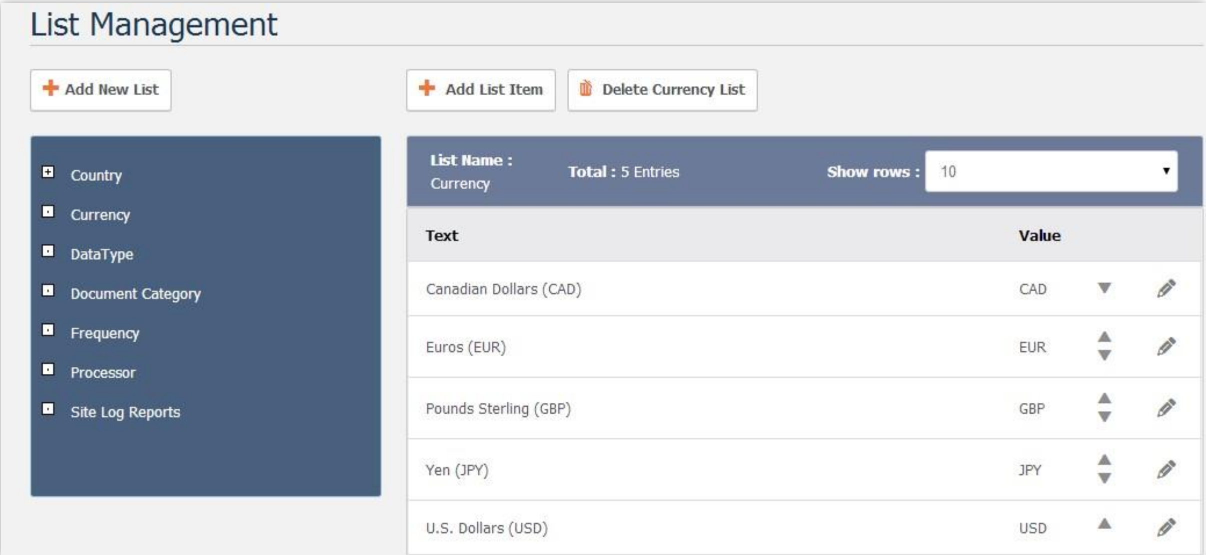
Fields	Description
List Name	Enter an appropriate name for the list.
Parent List	Select a Parent file name if present. If not then leave it as **None Specified.**
Parent Entry	Specify the Parent Name to assign to an added item.
Entry Text	Enter the first entry item that will be in this list.
Enter Value	Enter the code for the first entry.
Active	Click on the checkbox to activate the list entry.

5. Click on **Save** button. The newly added Parent list will be displayed along with other parent items.



Add a Child List to the Portal

1. From **List Management** page, select the Parent list on the left side to which you want to add a child list to and then click on **Add New List** button. For your convenience, **Currency** is taken as parent list.



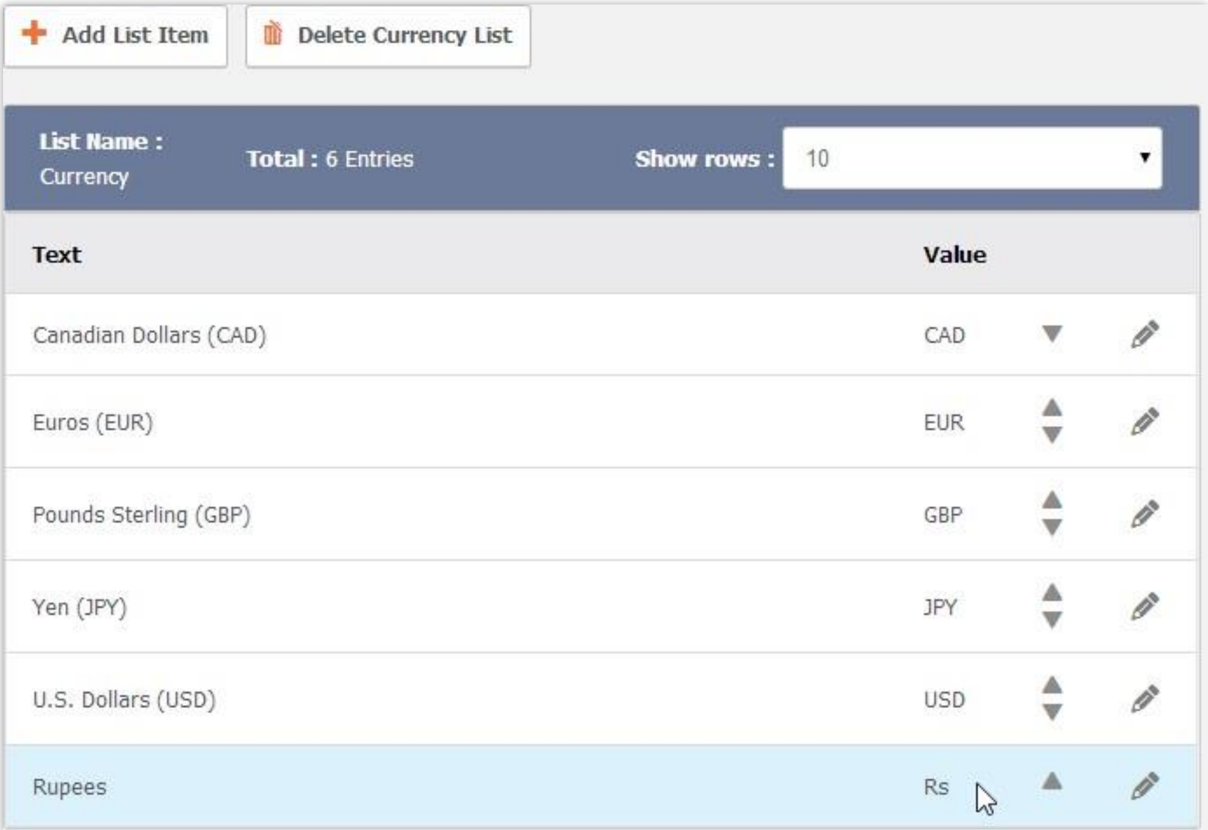
2. Select the Parent ID from **Add New List.** For the **Currency** list, all the active currency will be shown.

3. Click on **Add List Item.**

4. Enter the details with valid information.

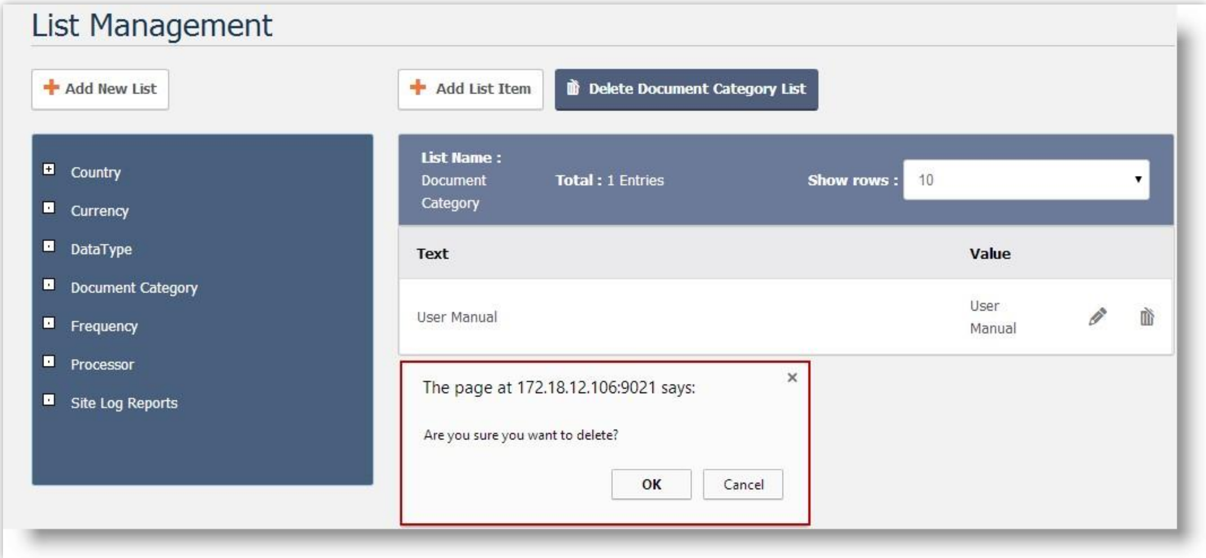
Fields	Description
Entry Text	Enter the name to be assigned to the List. For example, **Rupees.**
Entry Value	Enter the identifier of the first entry of the list. For example, **Rs**.
Active	Click on the checkbox to activate this list entry.

The newly added child, **Rupees (Rs)** will now be listed along with other child of the parent **Currency** as shown in the image below.



Delete a User Generated List

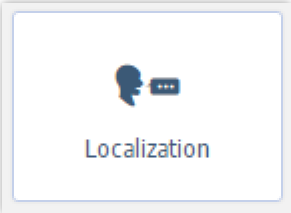
1. From **List Management** page, click on **Delete Document Category List** button to delete an unwanted list. You will be provided with two options **Edit** and **Delete**. If you want to edit, then click on the **Pencil** icon but if you want to delete that list then click on **Delete** icon.



2. You will receive a confirmation message for deletion.

Working with Localization

SageFrame is built with the flexibility of adding new languages. A language is assumed as a fallback language by default if it is not defined. Also, a language can be enabled or disabled except the site's default one. Users are able to switch between the languages if they are enabled. Similarly, the language can also be easily detected from the database.



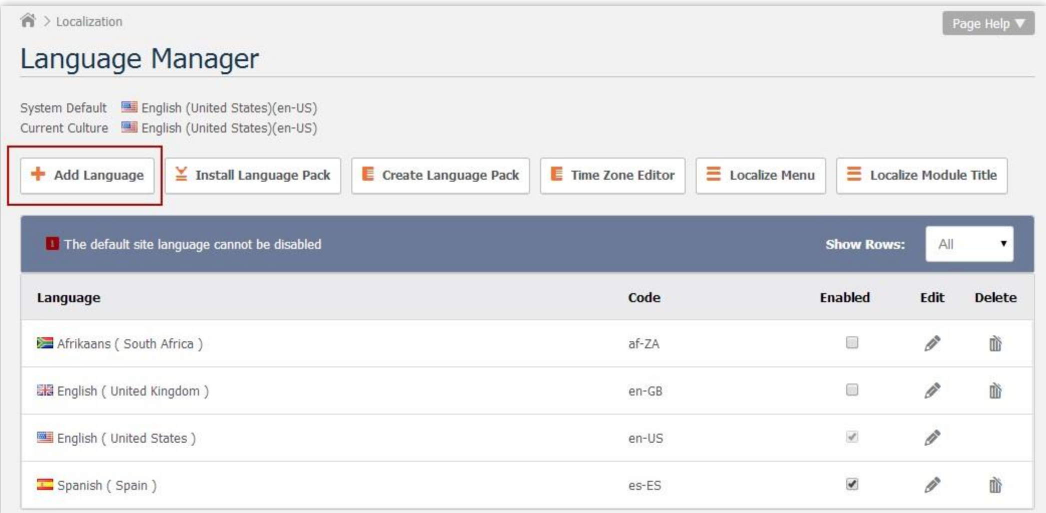
You can do the following from this page.

- Add a new language
- Create and install language pack
- Edit a time zone
- Localize the menu
- Localize the module title

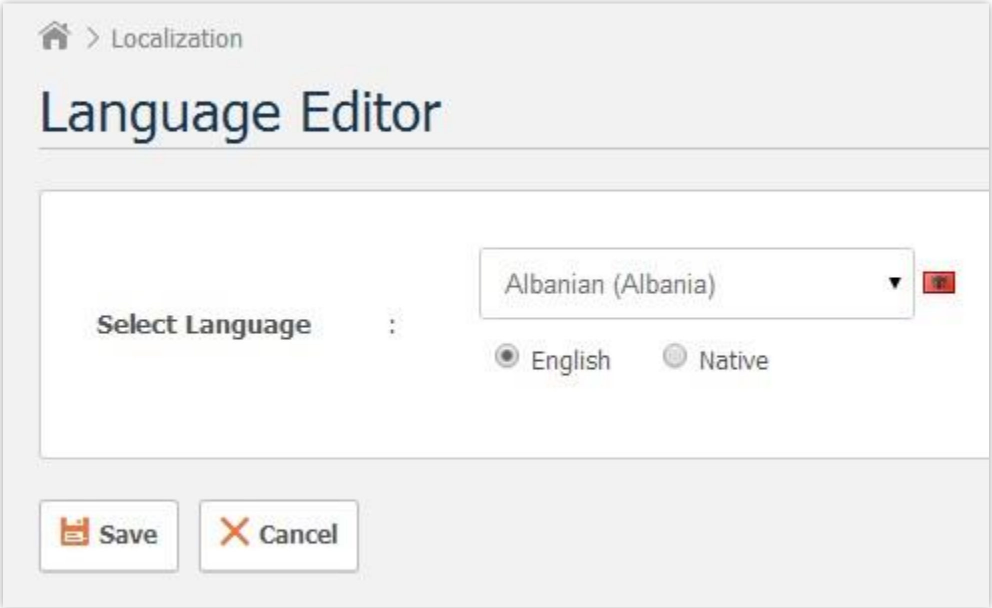
Add New Language

SageFrame has extensive suite of languages. If the required language is not listed, you can easily install the particular language using **Install Language Pack.**

1. From your SageFrame **C-Panel** click on **Localization.**
2. In the **Language Manager** page, click on **Add Language** button.

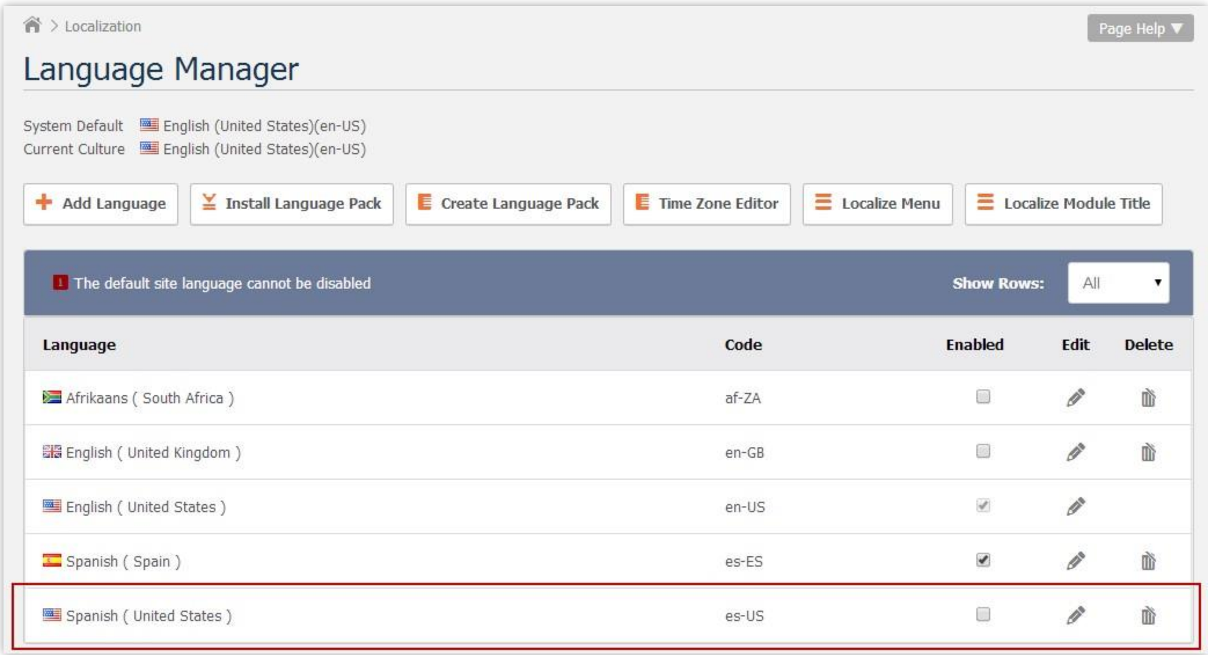


3. You will land on **Language Editor** Page where you can select a language from the dropdown list and **Save.**



4. You will receive **Language has been added successfully** message.

   The newly added language can be seen in the language list.



Create a Language Pack

With an aim to enable the multilingual support for the developed module, SageFrame **Language Pack Creator** creates a .zip language pack file for a particular language which can be redistributed over the web or shipped along with the product. The resource files for that particular language and a manifest is what constitutes a language pack.

There are three options available for creating a language pack.

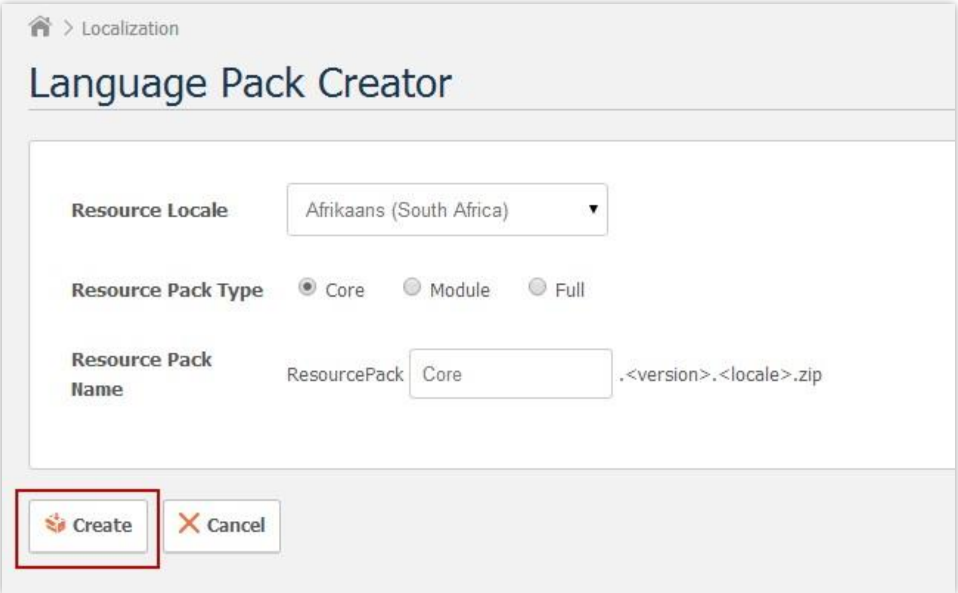
Full: The created language pack includes all the localizable modules.

Core: Includes only the core modules.

Module: Includes only the selected modules.

Follow the steps shown below to create a language pack.

1. From your SageFrame **C-Panel** click on **Localization.**
2. In the **Language Management** page, click on **Create Language Pack** button.



3. Enter the required information and refer to the table below for details.

Fields	Description
Resource Locale	Select the resource locale from the dropdown list.
Resource Pack Type	Select the pack type from the three radio buttons available – **Core, Module** and **Full.**
Resource Pack Name	Enter an appropriate name for the resource pack.

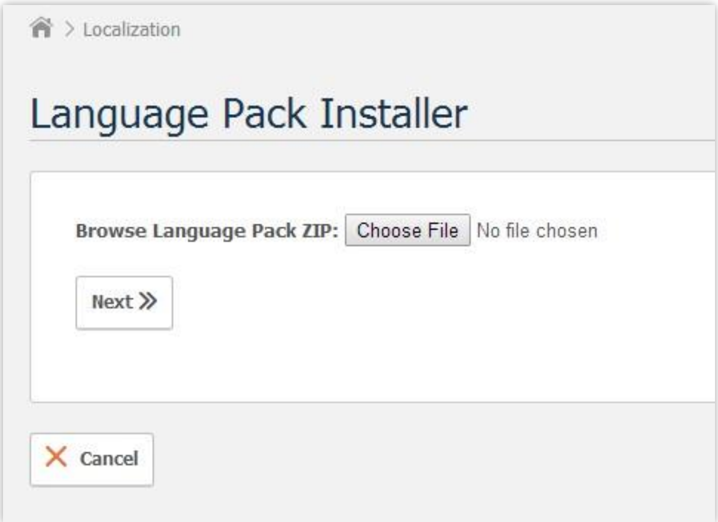
Click on **Create** button. The newly created language pack will now be available for download in a .zip file.

Install a Language Pack

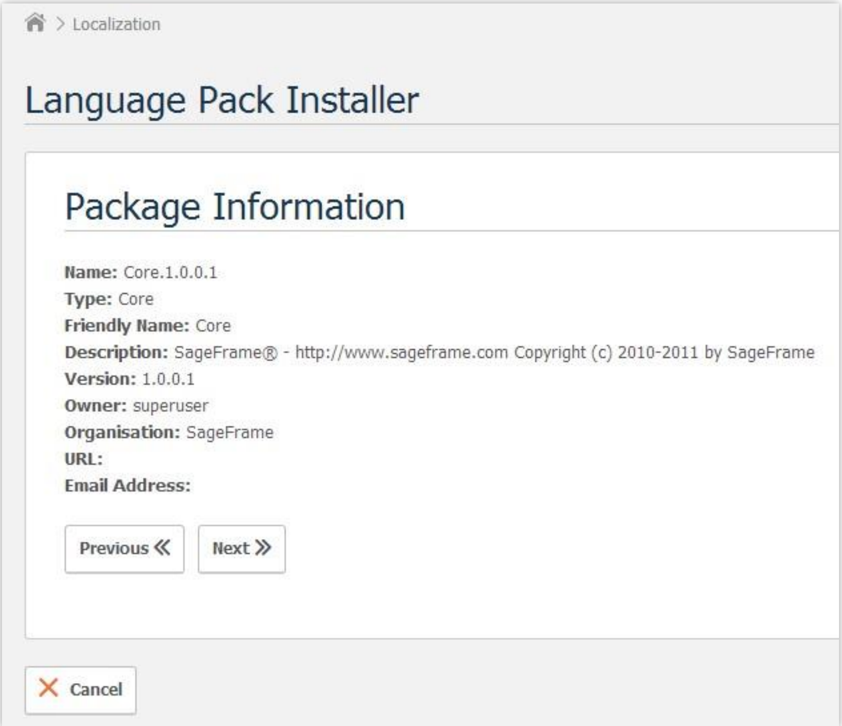
SageFrame **Language Pack Installer** helps you to create a whole new localized site with just a few clicks. Instead of pondering over the havoc of language translation, you can simply download a language package and install the resource files for the selected modules.

Follow the steps mentioned below to install a language pack.

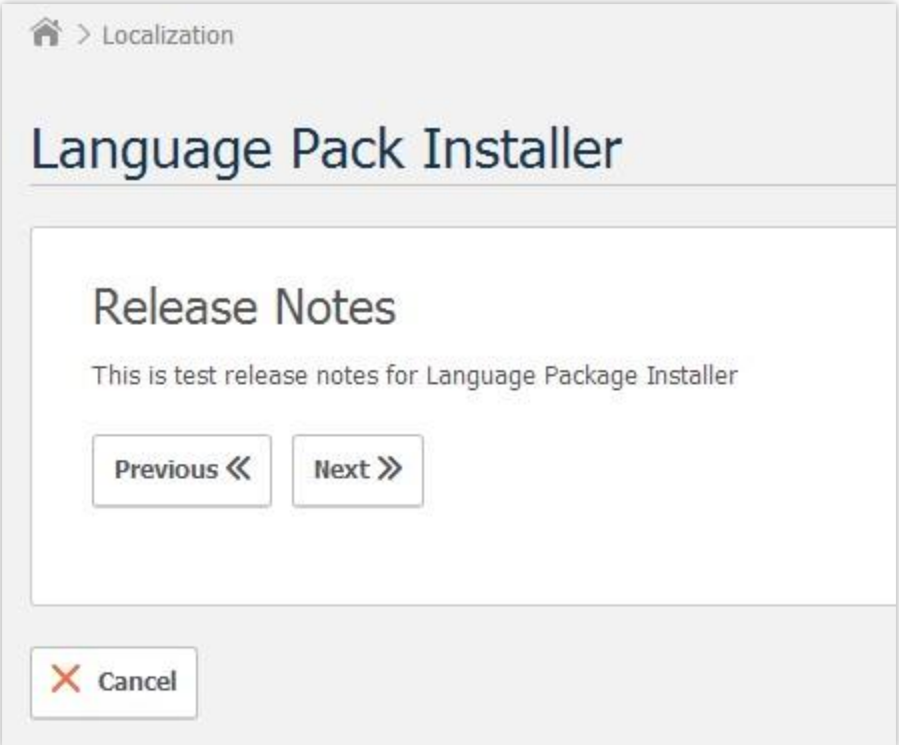
1. From your SageFrame **C-Panel,** click on **Localization.**
2. In the **Language Management** page, click on **Install Language Pack** button.



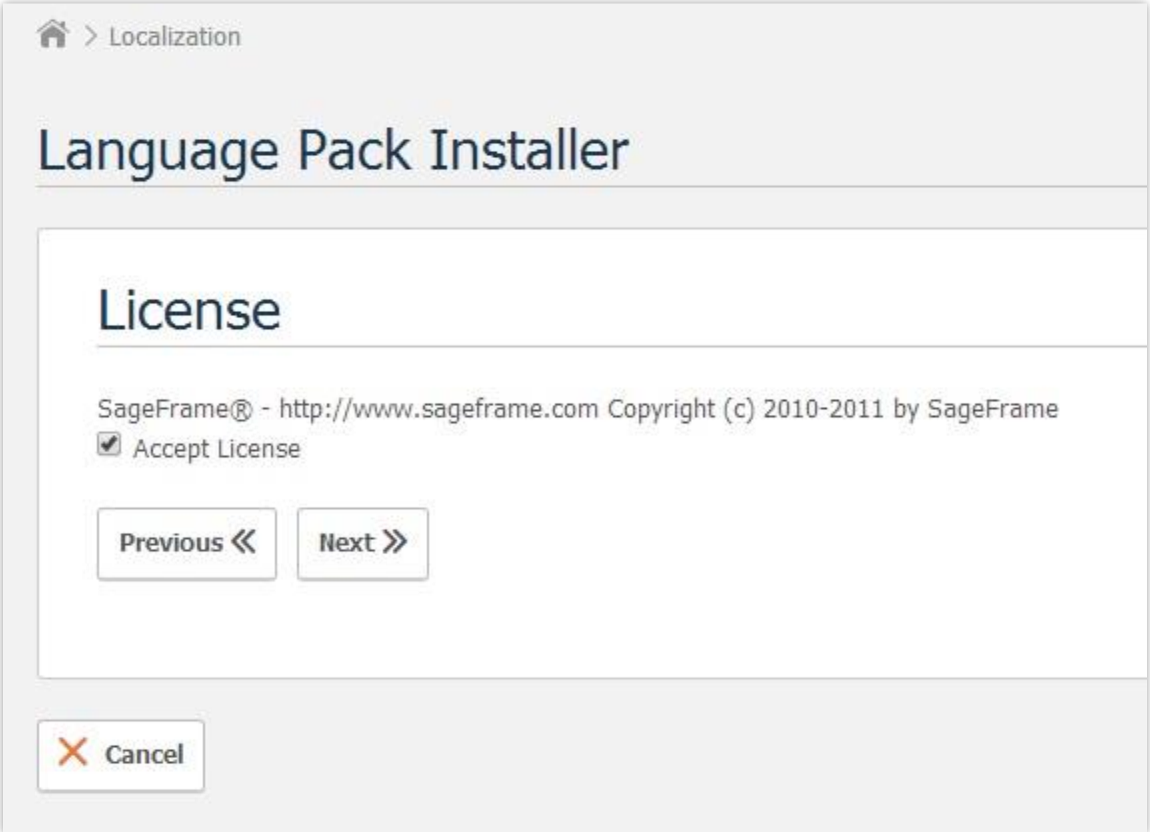
3. Here, upload a **Resource Language Pack** as **.zip file** and then click on **Next.**
4. **Package Information** will be displayed as shown in the image below. Click on **Next** to continue.



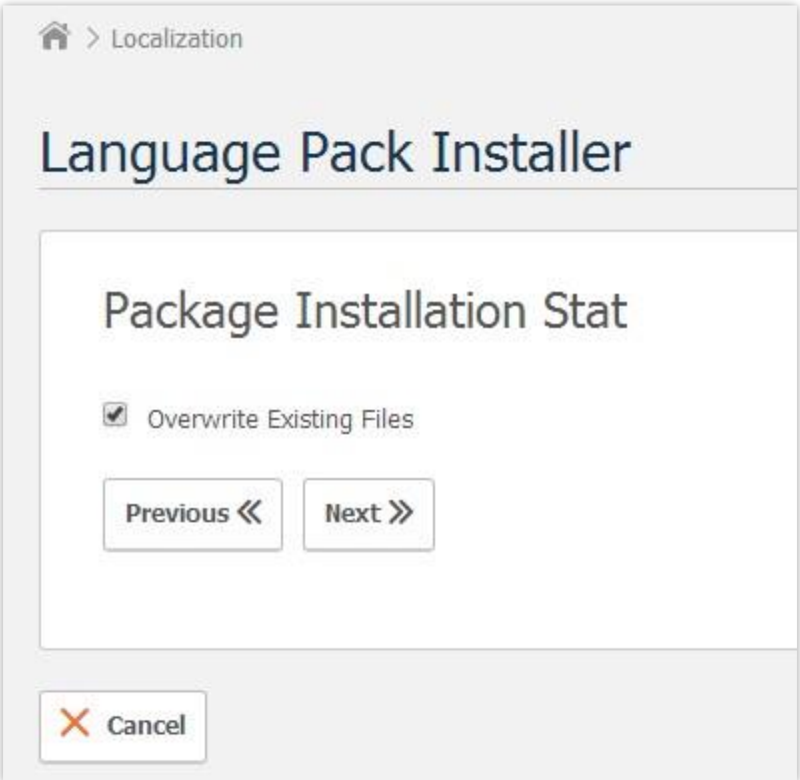
5. **Release Notes** will be displayed. Again click on **Next** to continue.



6. **License Agreement** will be visible. Checkmark to accept license and click on **Next** to continue.

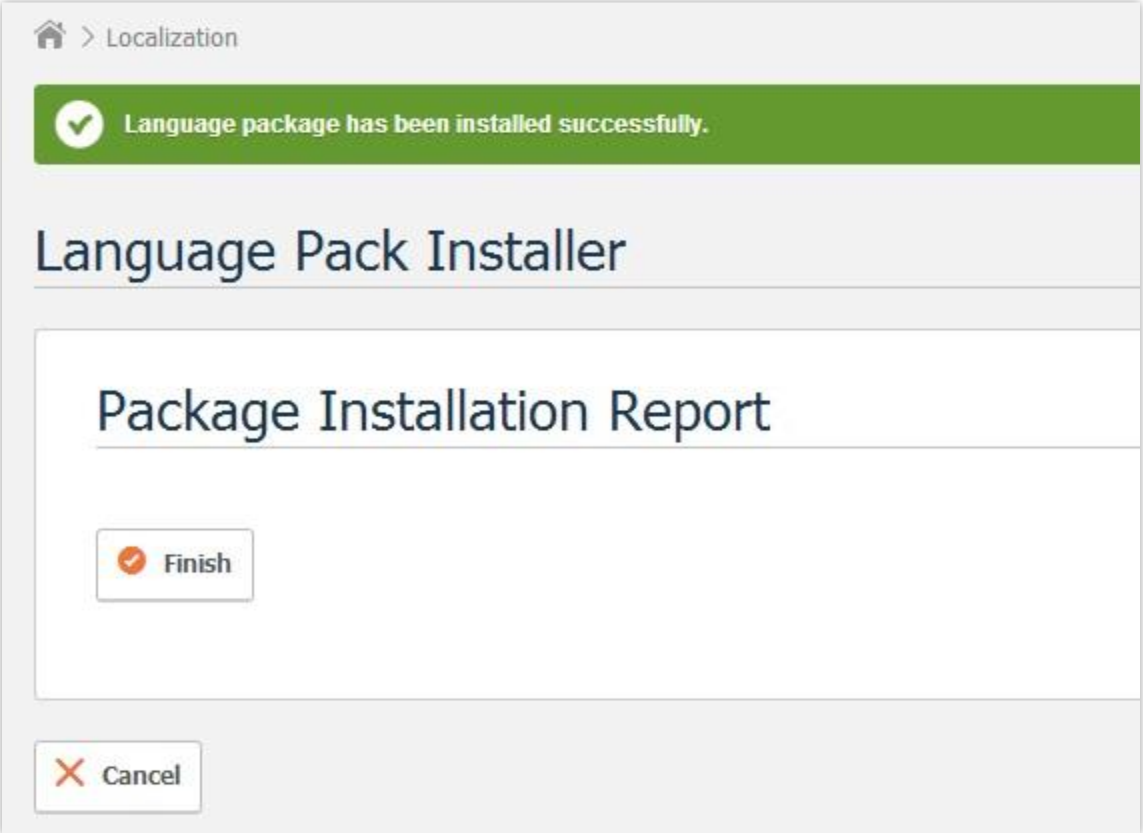


7. Now, you will be led to **Package Installation Stat** window. If you want to overwrite the existing files, then checkmark this. If not just click on **Next.**



*(**Note:** This step is optional and appears only if the same language pack was preinstalled.)*

8. This is the final step for installation. You will receive a message saying **Language package has been installed successfully** if the installation process is successful. Click on **Finish** button to complete language installation procedure.



Edit a Time Zone

Editing Time Zone in SageFrame facilitates the users to set or edit time zone for all portals as per their requirements.

Follow the steps mentioned below to edit a time zone.

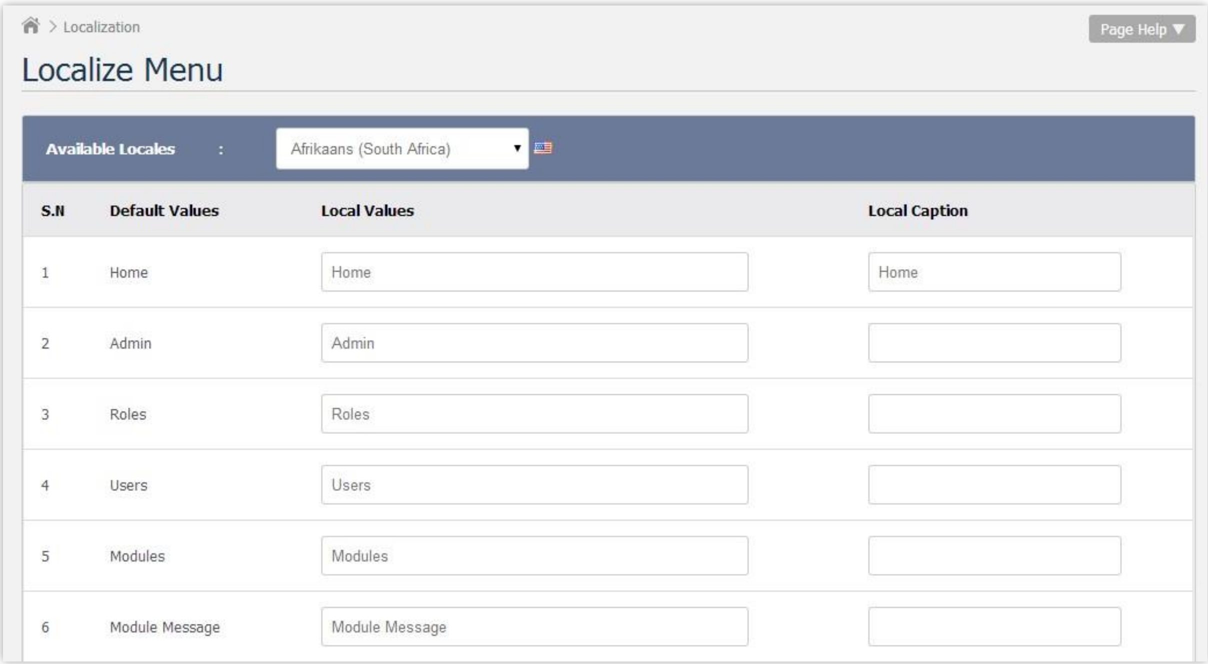
1. From your SageFrame **C-Panel**, click on **Localization.**
2. In the **Language Management** page, click on **Time Zone Editor** button.

3. Select the language/country from the dropdown list in **Available Locales.**
4. In the **Name** column, modify the time and/or names associated with one or more time zones. Once you are done with your amends, click on **Update** button.
5. Once completed, you will receive a message saying **TimeZone file is saved successfully.**

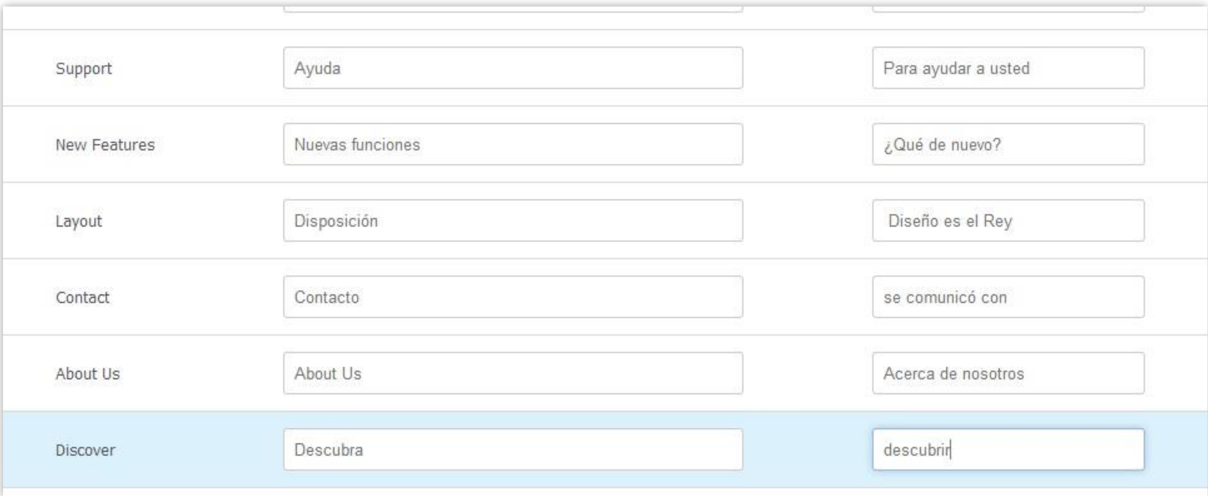
   *(**Note:** You can modify the time zone **Name** as per your needs.)*

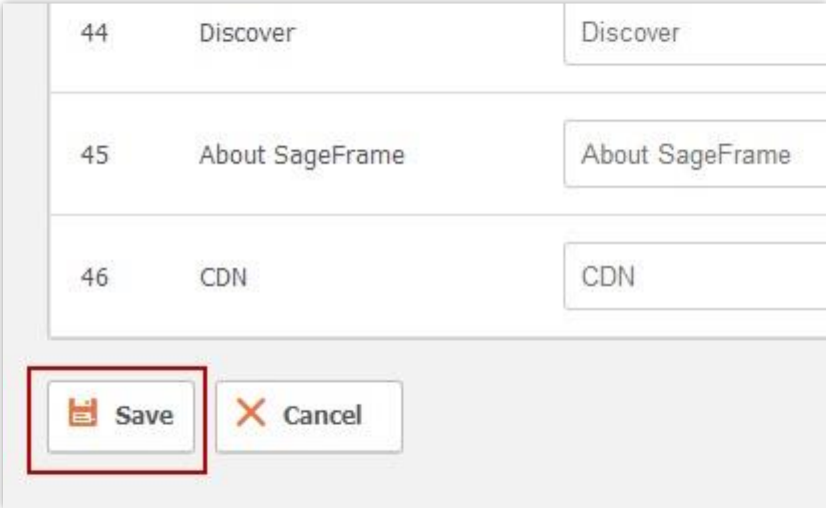
Localize the Menu

1. From your SageFrame **C-Panel**, click on **Localization.**
2. In the **Language Management** page, click on **Localize Menu** button.



Select the language/country from the dropdown list in **Available Locales.** Here, you can choose which default values are to be localized and write the local values as you want them to be displayed. This can be done for headers, footers, menus, etc. Further, you can write the local caption in the language that you prefer. For your convenience, we have chosen **Spanish (Spain)** for the image shown below.

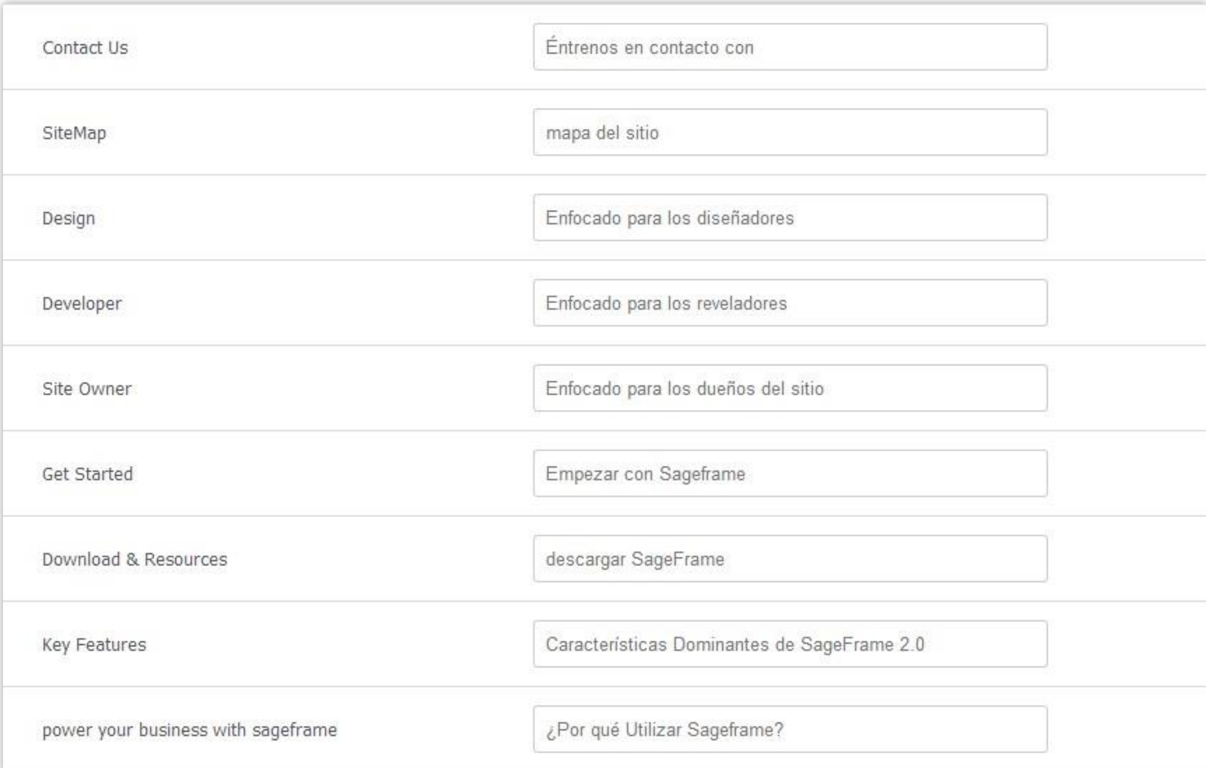




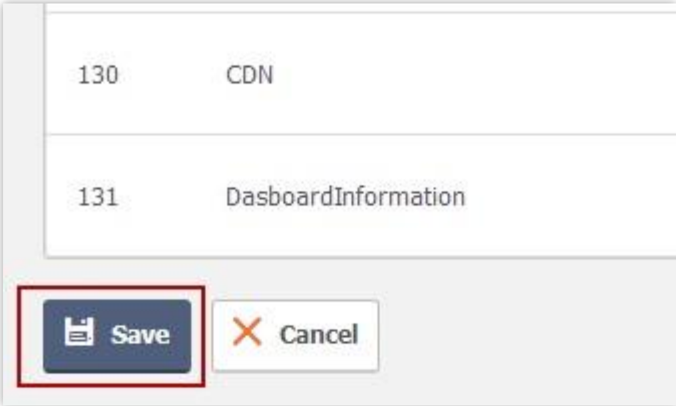
3. Click on **Save.**

Localize the Module Title

1. From your SageFrame **C-Panel,** click on **Localization.**
2. In the **Language Management** page, click on **Localize Module Title.**



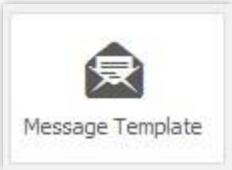
3. Select the language/country from the dropdown list in **Available Locales.** You need to localize the modules as shown in the form below. For your convenience, we have chosen **Spanish (Spain)** for the image shown below.



4. Click on **Save.**

Working with Message Template

Message Template provides fundamental facilities for controlling the generation of auto-generated emails, message boards and their messages. There are sixteen default message templates listed in SageFrame. You can edit or delete those templates as you wish.

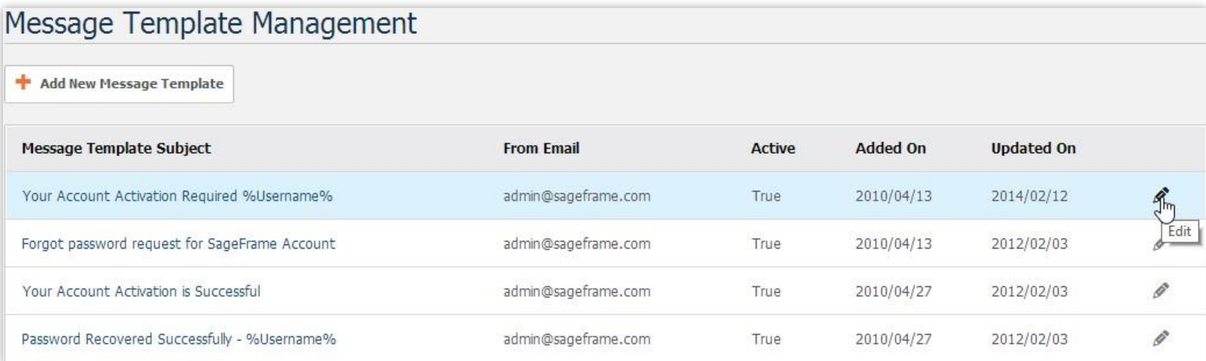


You can do the following from this page.

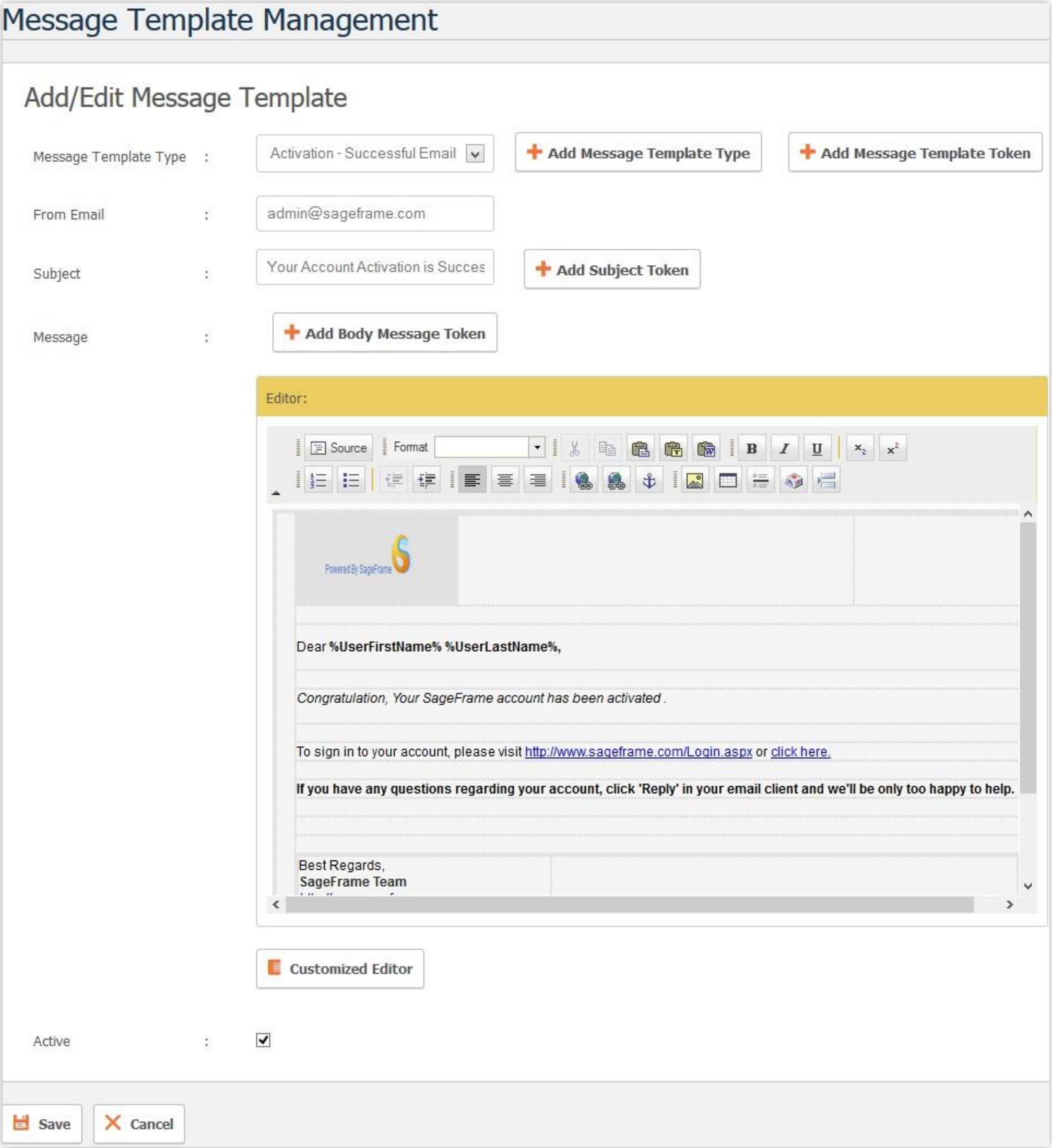
- Edit or delete message template
- Add a new message template

Edit a Message Template

1. From your SageFrame **C-Panel,** click on **Message Template.**
2. **Message Template Management** page opens up that displays the list of all the default messages.
3. Based on your requirements you can add or delete the template. Click on the **Pencil** icon placed on the right side of the message template that you want to edit.



4. This opens the **Add/Edit Message Template** page of the selected message type. You can edit any field as per your preference.



5. You can see the following fields.

- **Message Template Type:** It displays the list of available message template from the dropdown list. If you have added any message template other than the default one, it is also listed here. With this, you can also add your own **Message Template Type** and **Message Template Token.**

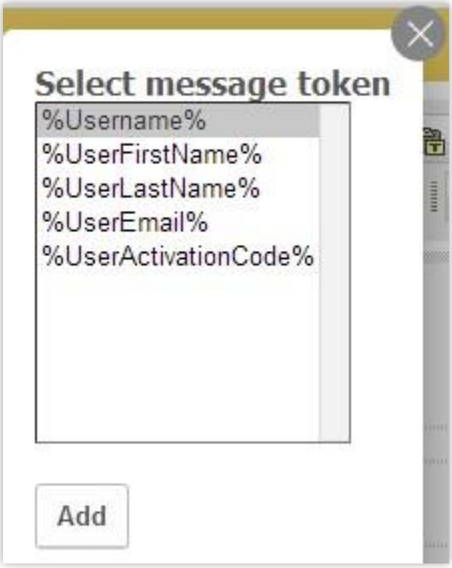
  Add Message Template Type: Click on **Add Message Template Type** button right next to **Message Template Type** and the following screen appears.

Enter a name for message template type and click on **Add** button.

Add Message Template Token: A token is a standard format that is used to extract name, email, code or other required information of the users. Click on **Add Message Template Token** button right next to **Add Message Template Type** and the following screen appears.

Enter a name for message template token and click on **Add** button.

- **From Email:** This is the email address of the sender. By default, admin@sageframe.com is listed **From Email**, but you can replace it with your email id.
- **Subject:** You can write a default subject line to your message template. You can add a token for your subject by clicking on **Add Subject Token** button. A window will pop open that shows the list of previously added tokens. Choose a message token and click on **Add.**



- **Message:** Firstly, the default message of message template is displayed. You can edit the message easily just by using WYSIWYG editor as per your requirement.

  If you need to add any token to your message, you can click on **Add Body Message Token** button. A window will pop open as shown above. All the tokens that were previously added will be listed. Click on **Add** button to use any of the tokens that you need for your message body.

  You can also customize the WYSIWYG editor according to your need. The default view shows the basic options required for the message. However, if you want more options, you can do that by simply clicking on **Customize Editor** button.

6. Click on **Active** checkbox to enable the message template.
7. Click on **Save** button to save the changes made to the message template.

Refer to the table below to learn more about the functionality of each message template.

Message Template	Function
SageFrame – Account Activation Required% Username%	This is the email format containing the activation link. This email is sent to the user who registers to your site. Users should click on this activation link to activate their user accounts.
Forgot password request for SageFrame Account Activation Successful	Email format for user’s request to change the password.
Activation Successful	Activation Successful message is sent to a user’s email ID after their user account gets activated.

Recovery Password Successfully - %Username%	After the users successfully change their password, a successful message for password change is displayed on the screen.
Sorry Activation Fail	User accounts may not get activated because of the missing information or duplicate information. Activation Fail message is displayed if the activation gets failed because of the above mentioned reasons.
Activation Successful	This message template is displayed after the user's account gets activated.
Password Forget Template	This message template is displayed after users click **Forgot Password.** Give them the instruction to reset the password.
Password Recovery Fail	If the users fail to provide the required information to recover password or if the recovery time exceeds.
Password Recovery Successful	Successful password recovery message template is displayed after the password is recovered successfully.
User Registration Help	This message template helps those users that want to register.
User Registration Successful – None	This message template is displayed after the user's account gets successfully registered as **None** user.
User Registration Successful – Private	This message template is displayed after the user's account gets successfully registered as **Private** user.
User Registration Successful – Public	This message template is displayed after the user's account gets successfully registered as **Public** user.
User Registration Successful – Verified	This message template is displayed after the user's account gets successfully registered as **Verified** user.
Username and Password matched!	When the username and password entered by the user matches, this message is displayed.
Password Recovery – Help	This provides with directions to recover the password.

Add New Message Template

Administrators or superusers can create and add their own message template as required.

Follow the steps mentioned below to add new message template.

1. From your SageFrame **C-Panel,** click on **Message Template.**
2. You will land on **Message Template Management** page, click on **Add New Message Template** button.
3. This will lead you to **Add/Edit Message Template** page. Enter the details with valid information as explained in **Edit Message Template** section.
4. Click on **Save** button.

Working with SQL

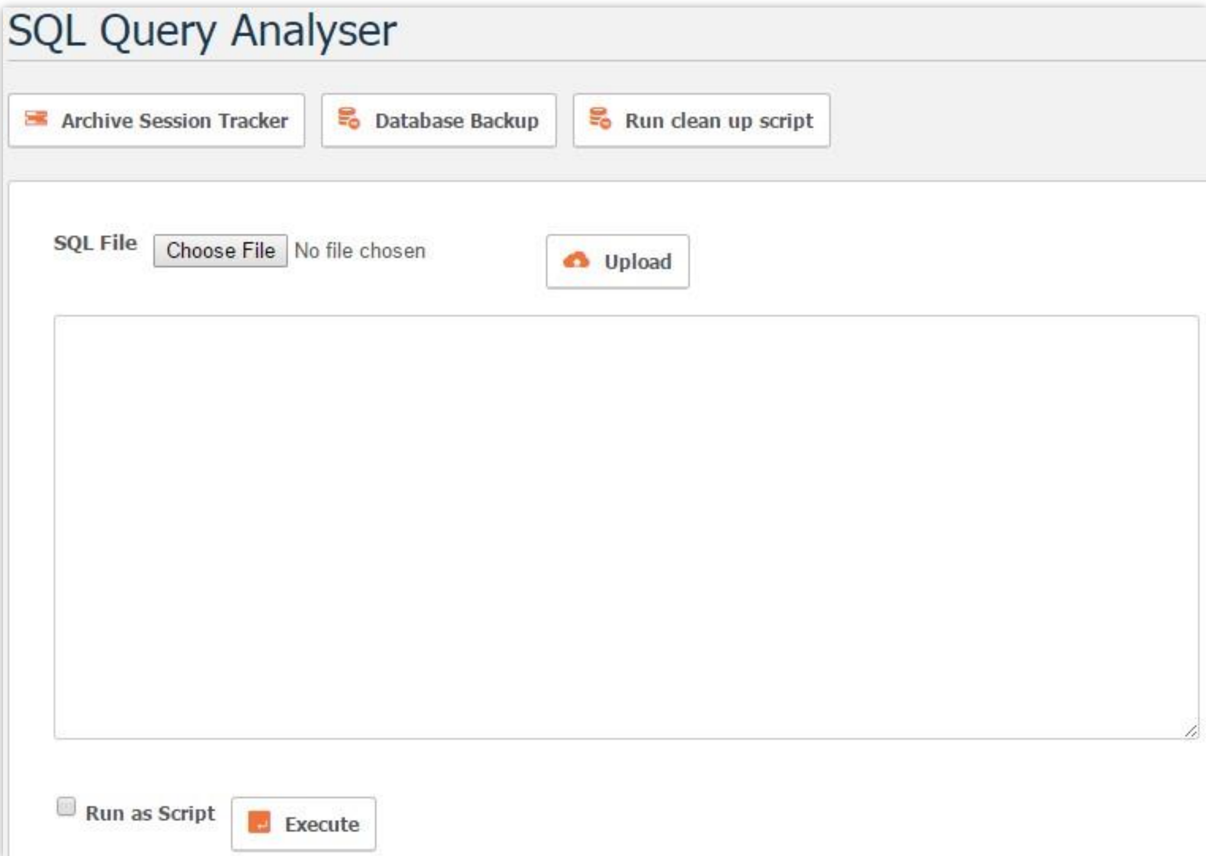
The **SQL** module in SageFrame enables the superuser to execute SQL queries against the available database. Not only execute, you can even load the database file and alter the table.

You can do the following from this page.

- Execute the query
- Upload and execute SQL

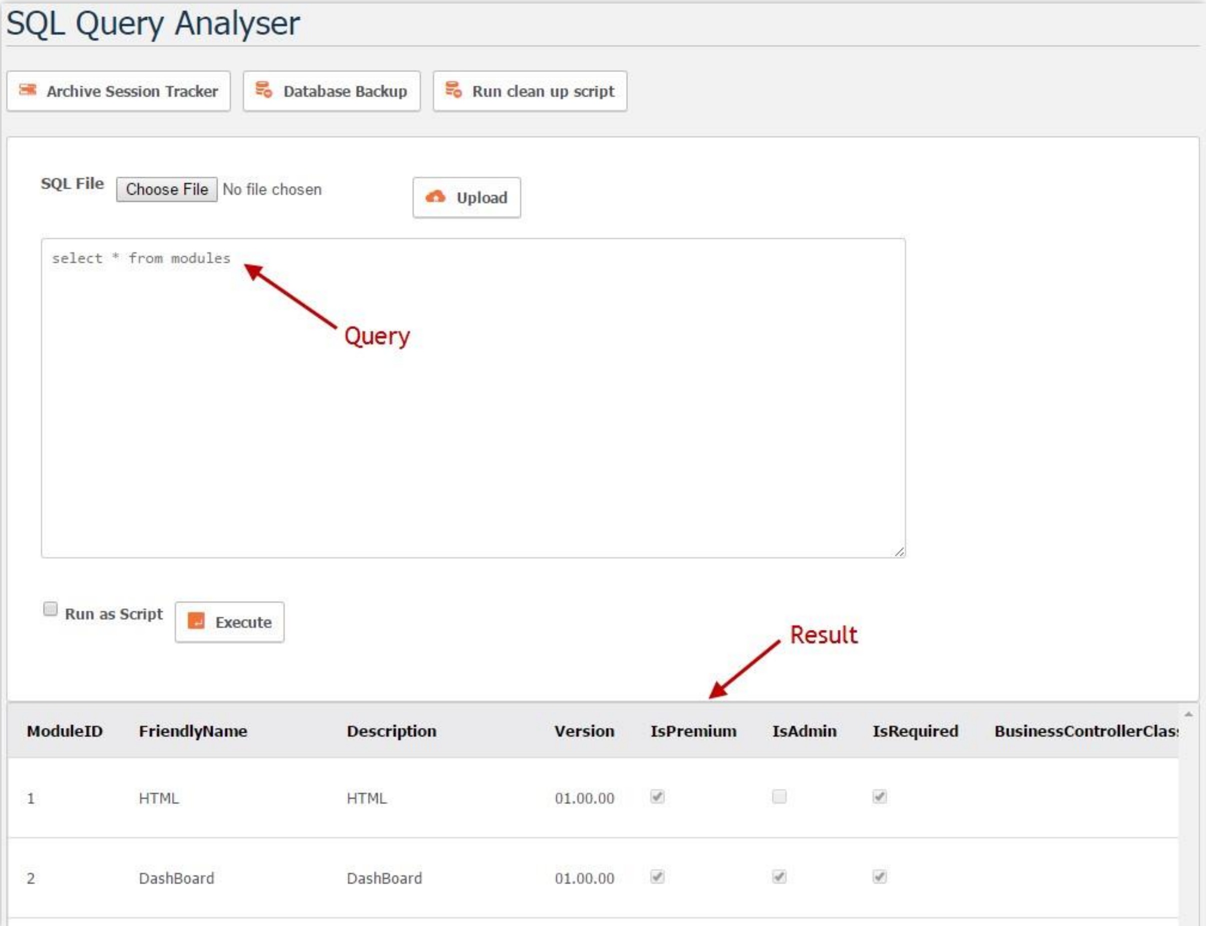
Execute the Query

1. From your SageFrame **C-Panel,** click on **SQL.**
2. You will land on **SQL Query Analyzer** page. Enter the SQL query in the text area.



3. Check the checkbox **Run as Script** if the SQL does not return a value and only acts on the database to make changes.
4. Click on **Execute.** You will see the result displayed of the executed queries just below the text area.

The results from the SQL are displayed below the SQL entry screen if **Run as Script** checkbox is unchecked.

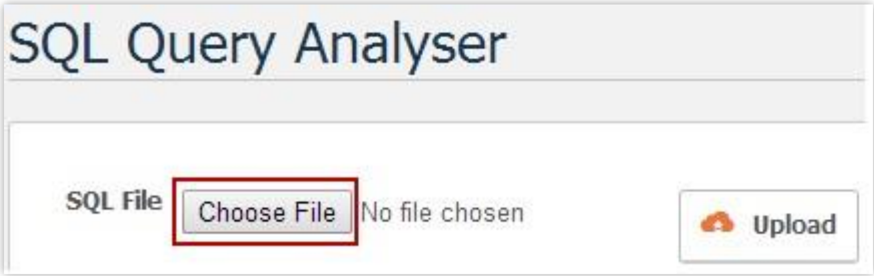


The **Database Backup** button will download the backup database file in .bak format and save it.

The **Run clean up script** will erase all the user modules and portal pages creating a clean slate to start from scratch with just the home page and admin page remaining. Some of the tables in the database will also be truncated.

Upload and Execute SQL

1. From your SageFrame **C-panel,** click on **SQL.**
2. You will land on **SQL Query Analyzer** page. Click on **Choose File** button to upload a SQL file from your computer.



3. Click on **Upload.** You will see the SQL file content loading in the text area.

Working with Event Log

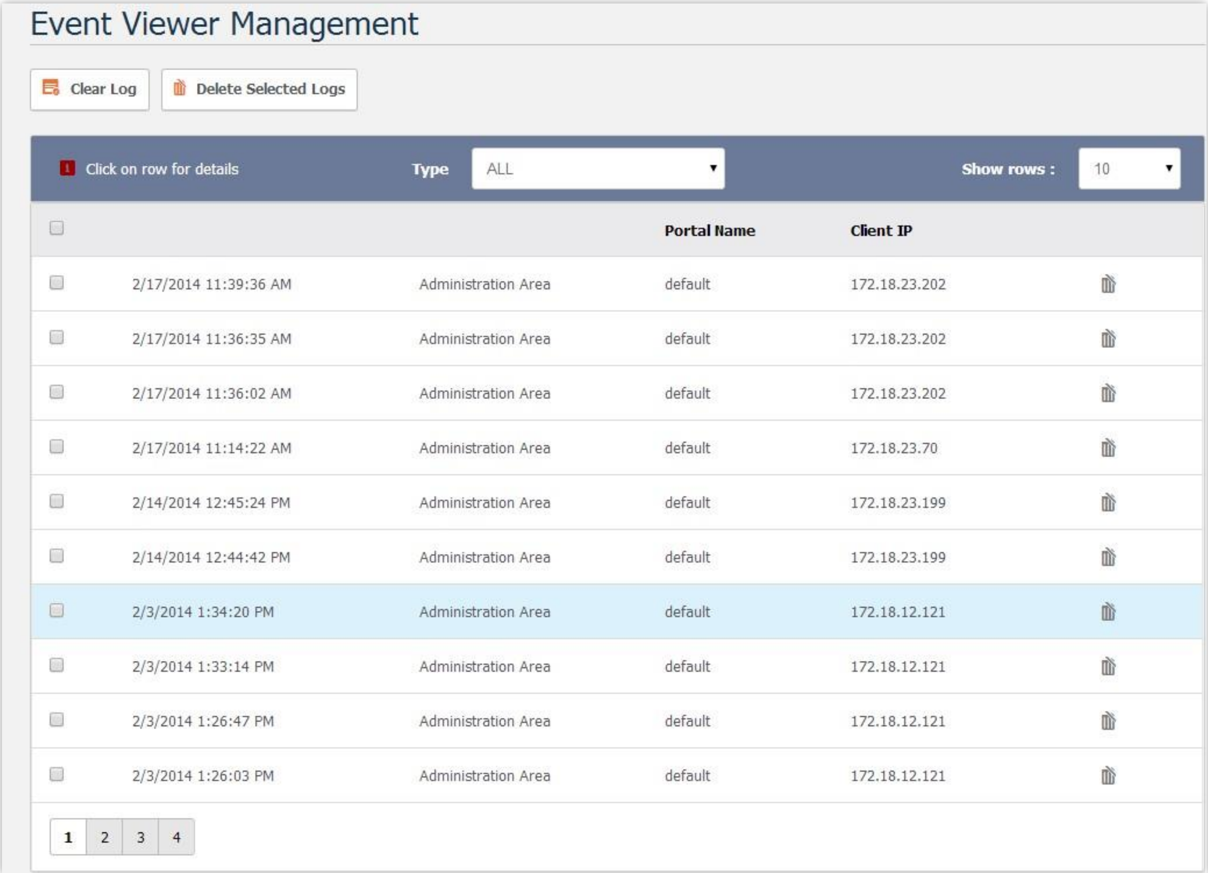
Event View Manager in SageFrame logs details of each and every events that occur in the site. This module helps webmasters track problems in less time. It has logs of all the problems along with portal names, client IP addresses and page URL.

Why you should use Event Viewer

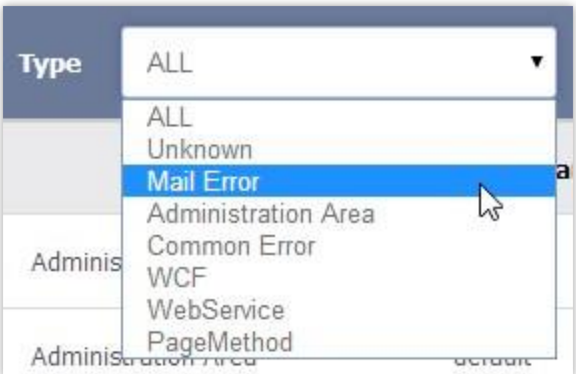
- To easily find out errors and its details.
- To view historical logs of database events such as activities related to user accounts, security roles or page changes.
- To send exception to any email address.
- To add, edit and delete event records for all portals (like superuser).

Display Problem Log

1. From your SageFrame **C-Panel,** click on **Event Log.**
2. You will land on **Event Viewer Management** page.

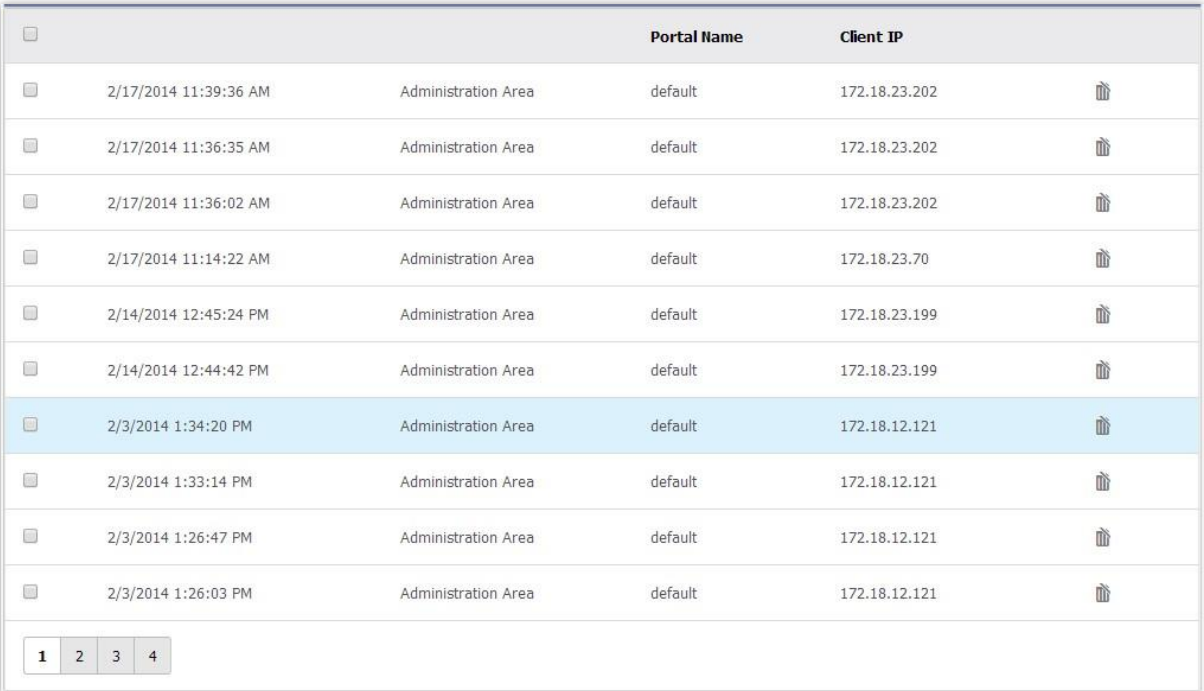


3. This page shows list of event logs. You can view the logs by **Type** and display **row** wise.
4. Click on the dropdown list and view the options to display the problems according to **Type.**



5. Choose the number of **Rows** that you want to display on the screen.

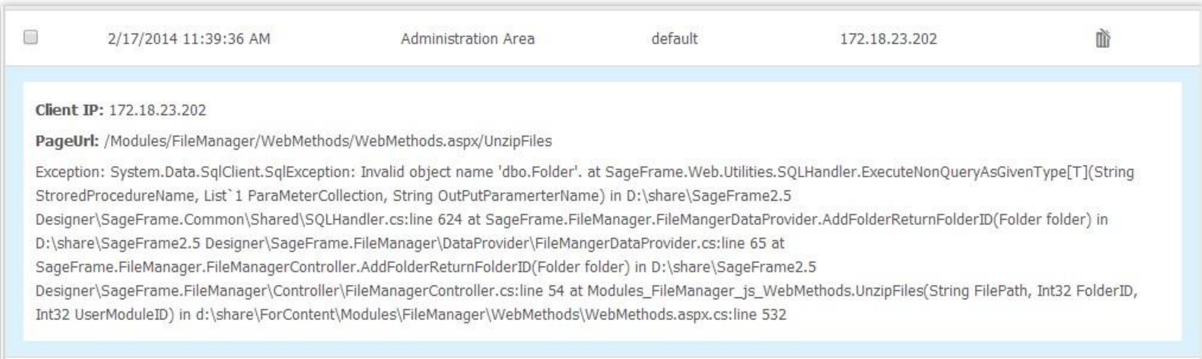
6. When you set **Type** and number of **Rows** for display, a list of logs will be displayed as defined. Refer to the image below.



			Portal Name	Client IP	
	2/17/2014 11:39:36 AM	Administration Area	default	172.18.23.202	
	2/17/2014 11:36:35 AM	Administration Area	default	172.18.23.202	
	2/17/2014 11:36:02 AM	Administration Area	default	172.18.23.202	
	2/17/2014 11:14:22 AM	Administration Area	default	172.18.23.70	
	2/14/2014 12:45:24 PM	Administration Area	default	172.18.23.199	
	2/14/2014 12:44:42 PM	Administration Area	default	172.18.23.199	
	2/3/2014 1:34:20 PM	Administration Area	default	172.18.12.121	
	2/3/2014 1:33:14 PM	Administration Area	default	172.18.12.121	
	2/3/2014 1:26:47 PM	Administration Area	default	172.18.12.121	
	2/3/2014 1:26:03 PM	Administration Area	default	172.18.12.121	

1 2 3 4

7. Click on any log to view its details.



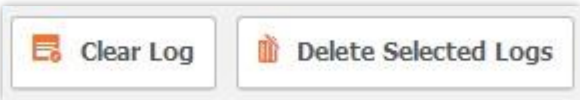
A brief description for Event Logs are defined below.

Field	Description
Client IP	This is the IP address on which the problem has occurred.
Page URL	This is the URL of the page where the error occurred.
Exception	This gives details on the mentioned error.

8. Once the problem is fixed, this log can be deleted. You have two options for this.

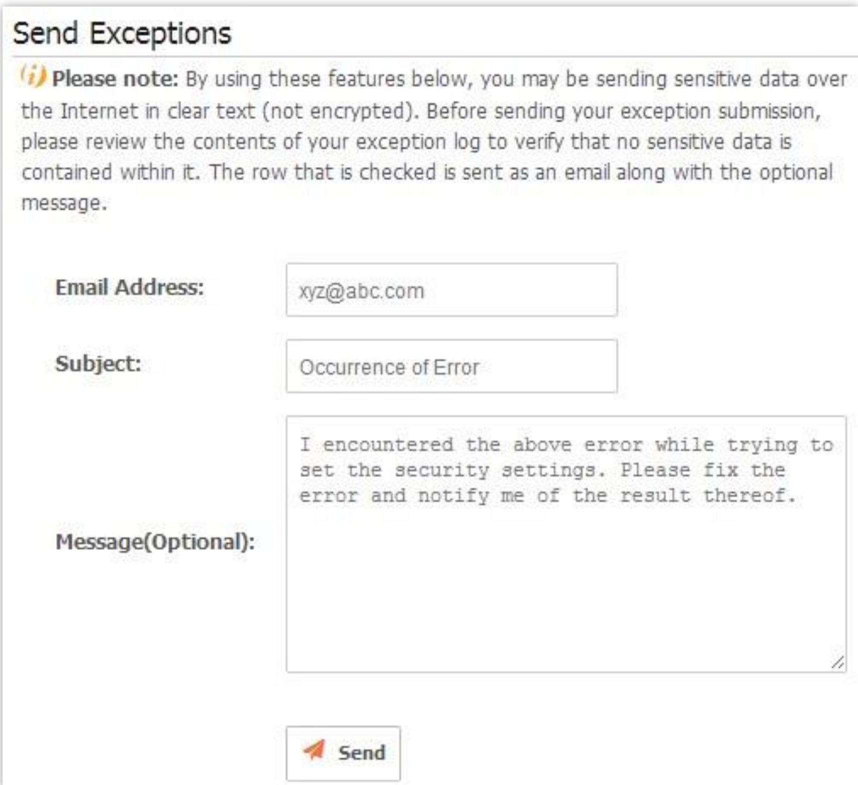
   Clear Log: This option will delete all the logs that are shown in the list.

   Delete Selected Logs: This option will only delete the logs that you have manually selected from the list.



Send Exceptions

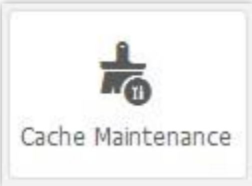
Once you encounter an exception, you can email others with a request to fix the error. Make sure that you read **Please Note** section placed at the top before you email the exceptions.



Working with Cache Maintenance

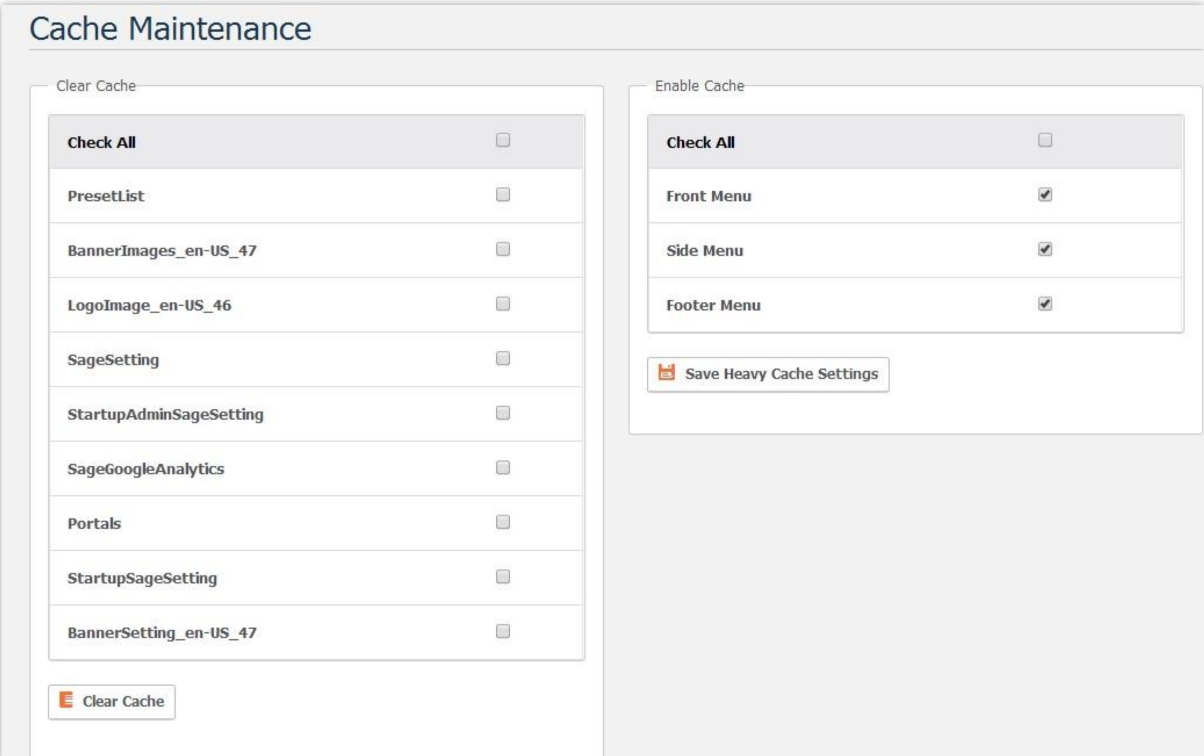
Cache Maintenance allows admin to take control over the cache system. The cache memory can be cleared to flush out useless data stored on cache server from your local system.

Cache is useful because once a visitor visits SageFrame, cache enables certain data to be stored in the user's browsers so that next time the site is visited and data on the cache gets displayed without relying on the server. This enables faster site upload. In order to get cache maintenance, you need to be logged in.

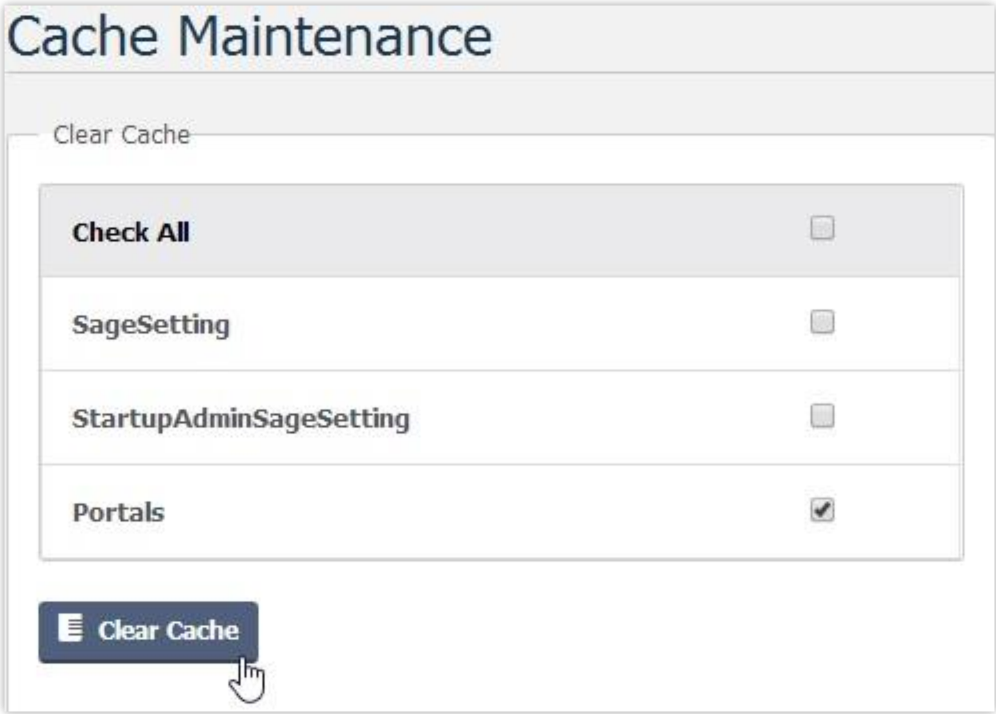


Clear Cache

Click on **Cache Maintenance** on the SageFrame C-Panel. There are two sections – **Clear Cache** and **Enable Cache.**

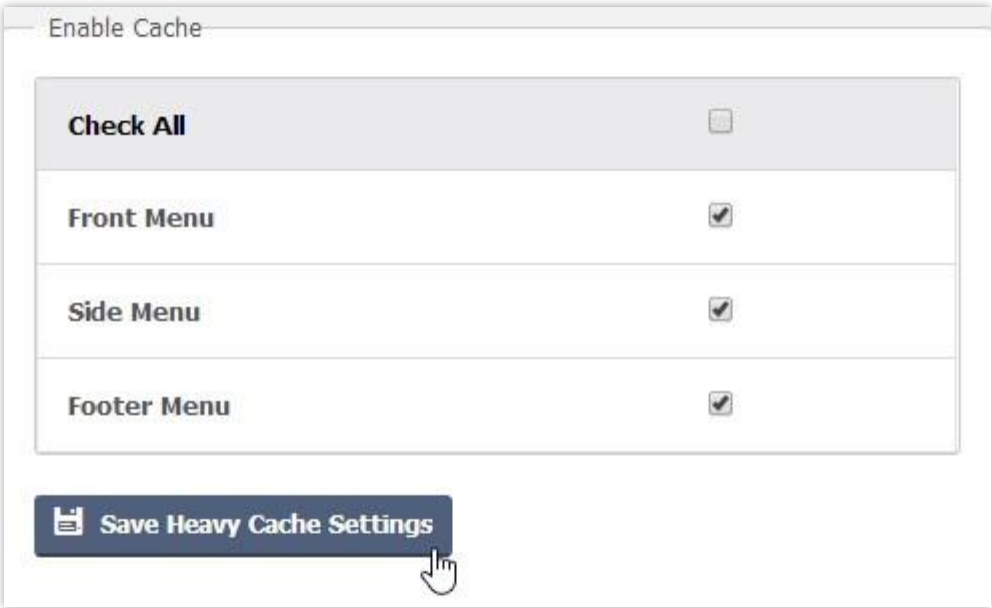


Sometimes due to the excessive use of cache, the performance of the site goes down. Hence, as seen in the picture above, you can clear the cache by checking on the corresponding cache element checkbox. Then click on **Clear Cache** button to clear the unwanted cache.



Enable Cache

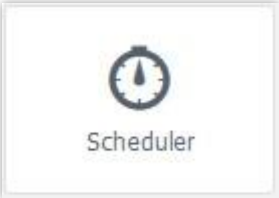
Similarly, SageFrame lets you choose whether to enable heavy cache settings or not.



These cache are heavier and a site user can choose whether to enable them or not. To enable, simply check the corresponding cache element checkboxes and click on **Save Heavy Cache Settings** button.

Working with Scheduler

Scheduler is a function that allows the users to assign particular tasks to be carried out at a specific time. The users can schedule a task that runs automatically in an allotted period of time.

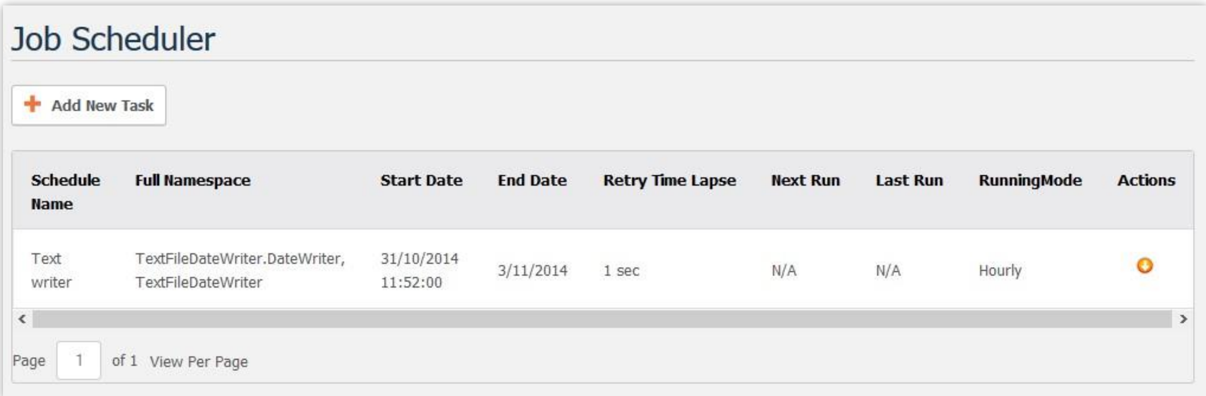


You can do the following from this page.

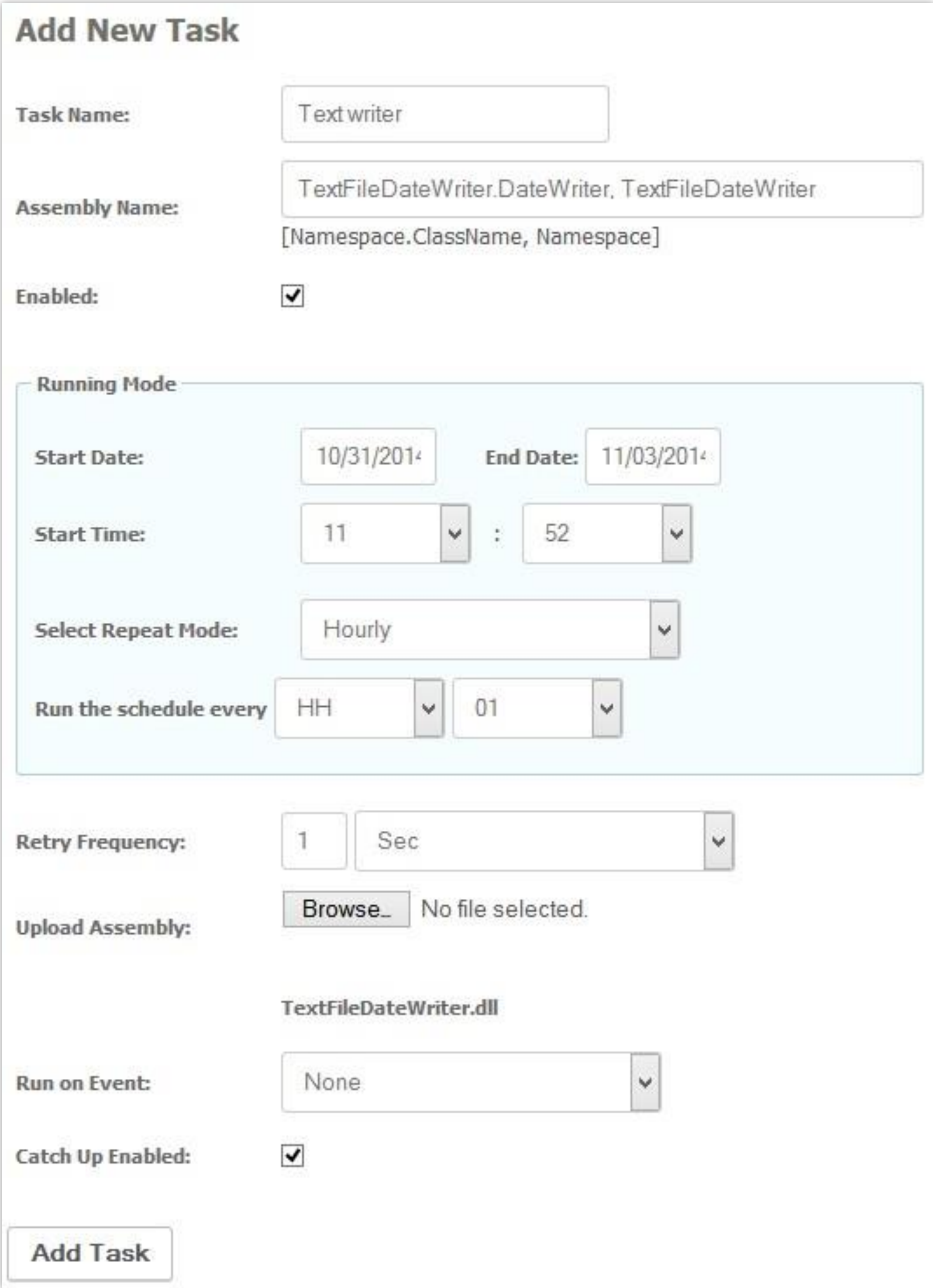
- Add new task
- Edit a task
- Delete a task
- View history of task

Add New Task

1. From your SageFrame **C-Panel,** click on **Scheduler.**
2. You will land on **Job Scheduler** page.



3. Click on **Add New Task.**


Add New Task
Task Name:
Text writer
Assembly Name:
TextFileDateWriter.DateWriter, TextFileDateWriter
[Namespace.ClassName, Namespace]
Enabled:
Running Mode
Start Date:
10/31/2014
End Date:
11/03/2014
Start Time:
11
:
52
Select Repeat Mode:
Hourly
Run the schedule every
HH
01
Retry Frequency:
1
Sec
Upload Assembly:
Browse...
No file selected.
TextFileDateWriter.dll
Run on Event:
None
Catch Up Enabled:
Add Task

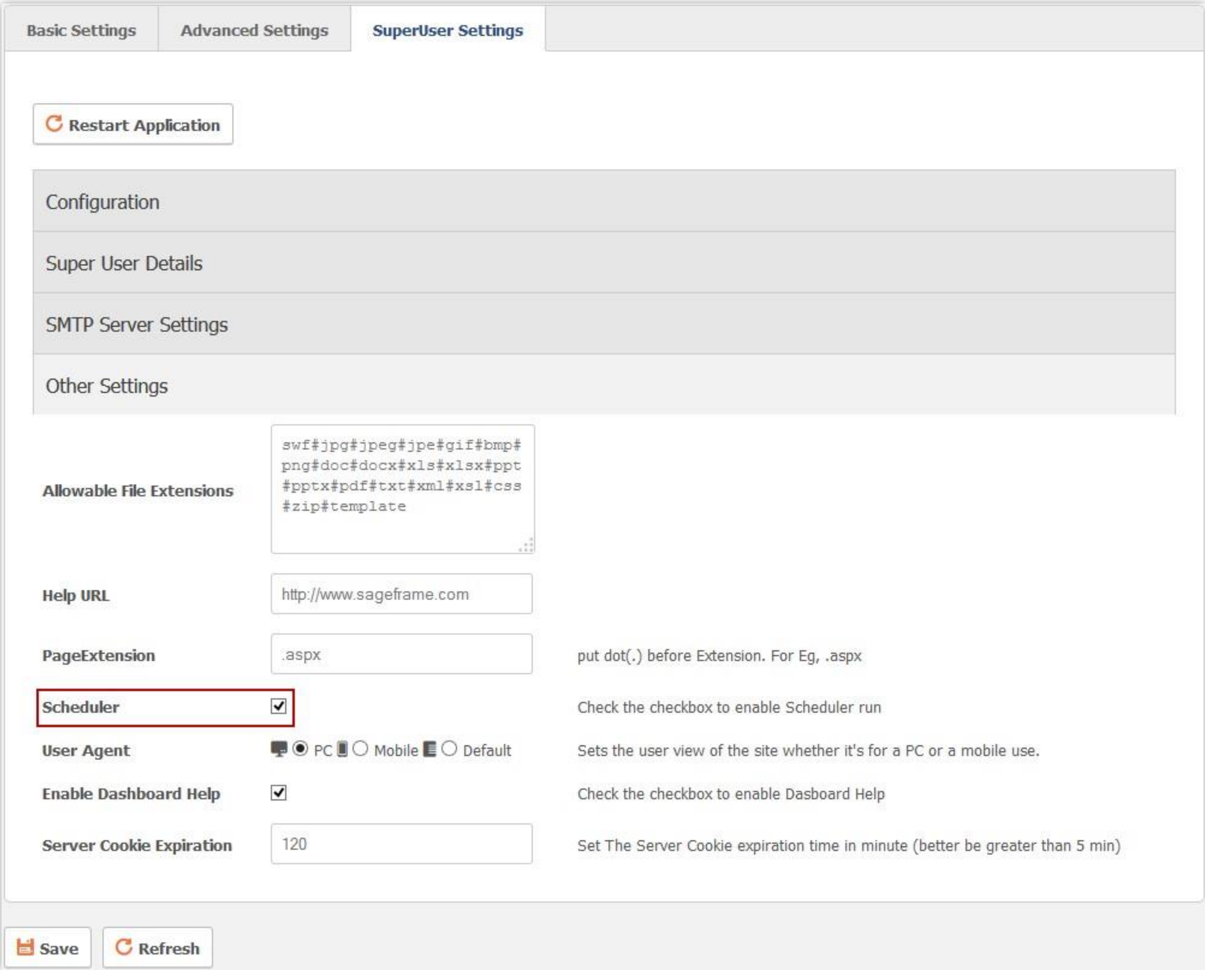
4. Enter the form with valid information. Refer to the table below for more information.

Fields	Description
Task Name	Enter a suitable name for the task.
Assembly Name	Enter the Module Assembly Name. This must follow a definite pattern like [Namespace, Classname, Namespace]. ***Note:*** *You must enable this feature to make use of it.*
Enabled	Click on the checkbox to enable **Assembly Name.**
Start Date	Enter the starting date for the task to begin.
End Date	Enter the date for the task to end.
Start Time	Select the time period for the task to occur.
Select Repeat Mode	Select the mode from the dropdown list whether to repeat the task **Hourly, Daily, Calendar** or **Once.**
Retry Frequency	Enter time to retry task in case of error or any kind of interruption.
Upload Assembly	Upload the DLL file of the task.
Run on Event	Select the event that you need to run from the dropdown list.
Catch Up Enabled	Enable this to run the respective DLL and to properly complete a scheduled task.

The following message will appear when you click on **Add Task.**

The newly added task can be seen in **Scheduler** page.

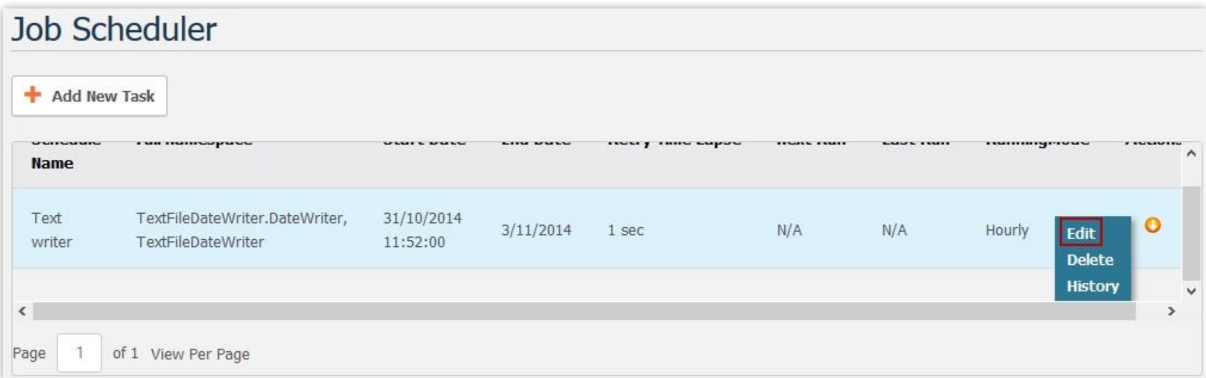
To complete the task, go to **Settings>>SuperUser Settings>>Other Settings.** Checkmark on **Scheduler** as shown in the image below.



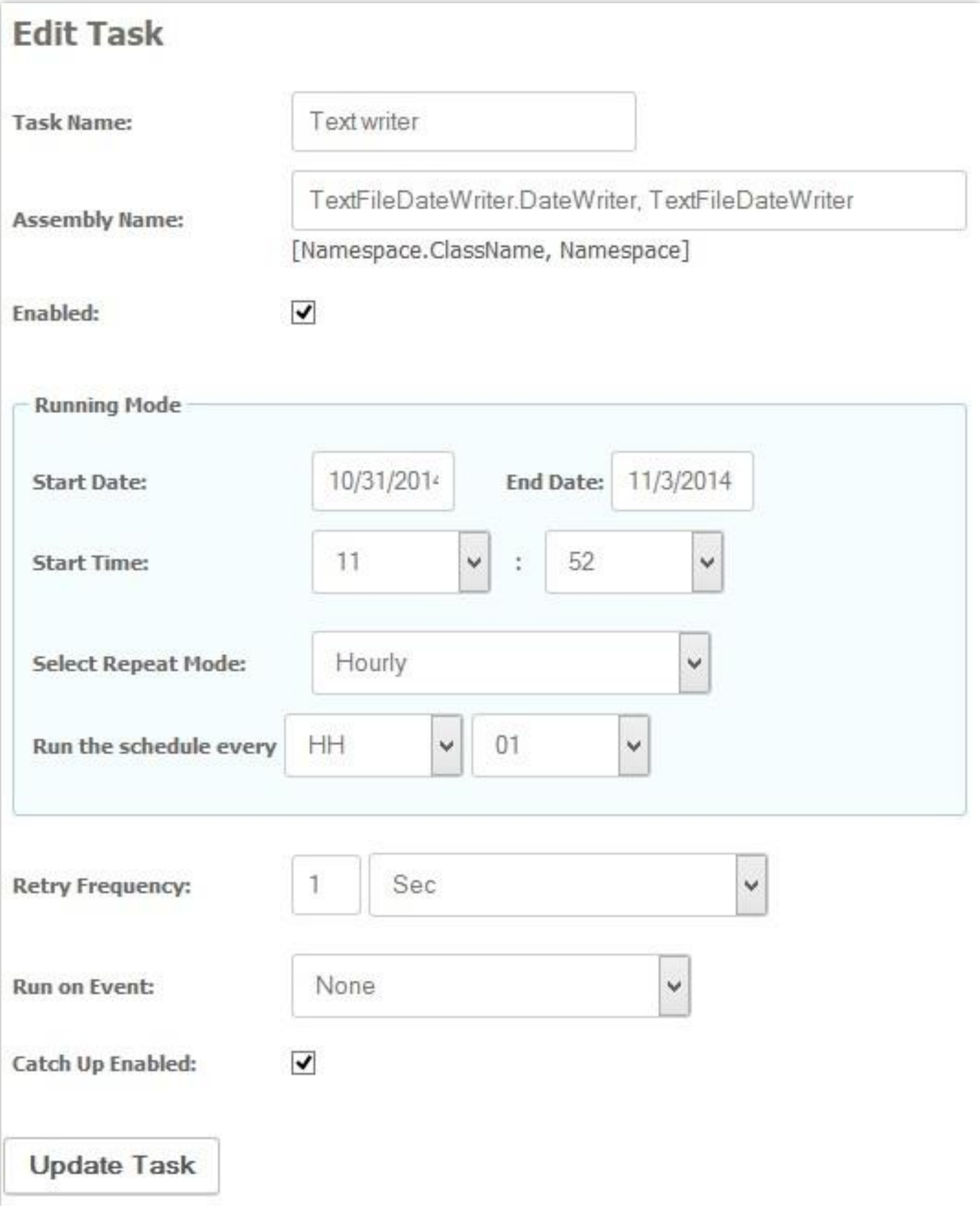
Click on **Save** and then click on **Restart Application** to complete the process.

Edit a Task

1. From your SageFrame **C-Panel,** click on **Scheduler.**
2. You will land on **Job Scheduler** page. Click on the yellow arrow under **Actions** and click on **Edit.**

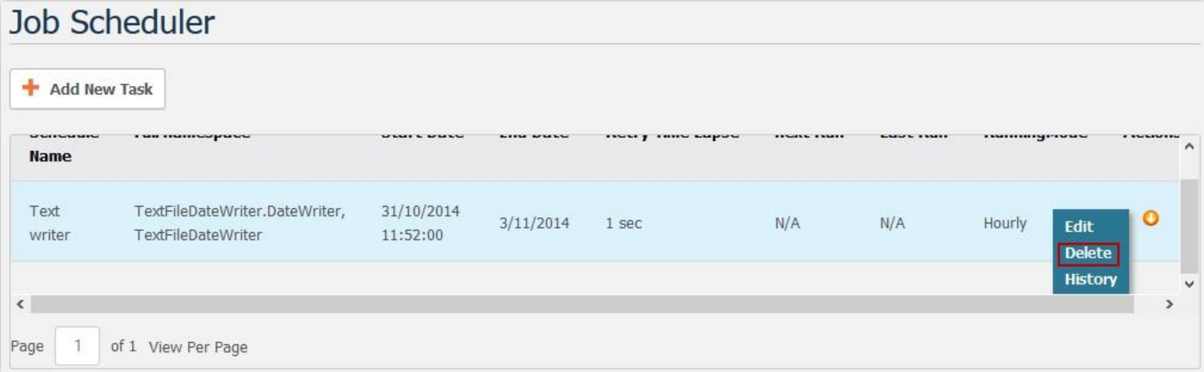


3. You will land on **Edit Task** page. Make the necessary changes and click on **Update Task.**

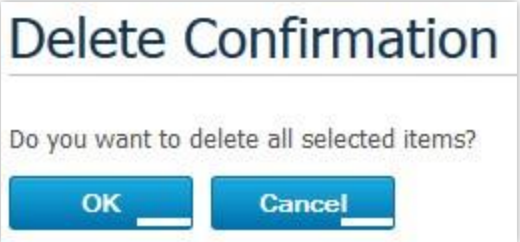

Edit Task
Task Name:
Text writer
Assembly Name:
TextFileDateWriter.DateWriter, TextFileDateWriter
[Namespace.ClassName, Namespace]
Enabled:
Running Mode
Start Date:
10/31/2014
End Date:
11/3/2014
Start Time:
11
:
52
Select Repeat Mode:
Hourly
Run the schedule every
HH
01
Retry Frequency:
1
Sec
Run on Event:
None
Catch Up Enabled:
Update Task

Delete a Task

1. From your SageFrame **C-Panel,** click on **Scheduler.**
2. You will land on **Job Scheduler** page. Click on the yellow arrow under **Actions** and click on **Delete.**

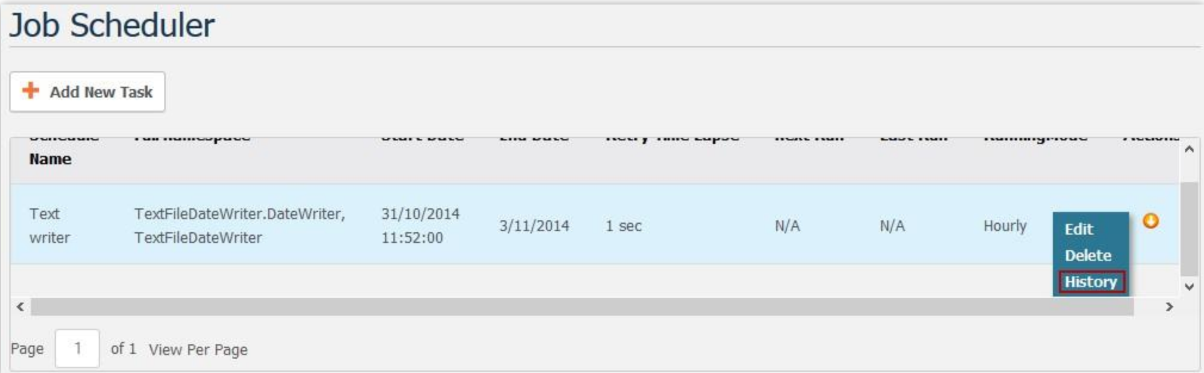


3. A confirmation box as shown below will appear. Click on **OK** to confirm deletion.

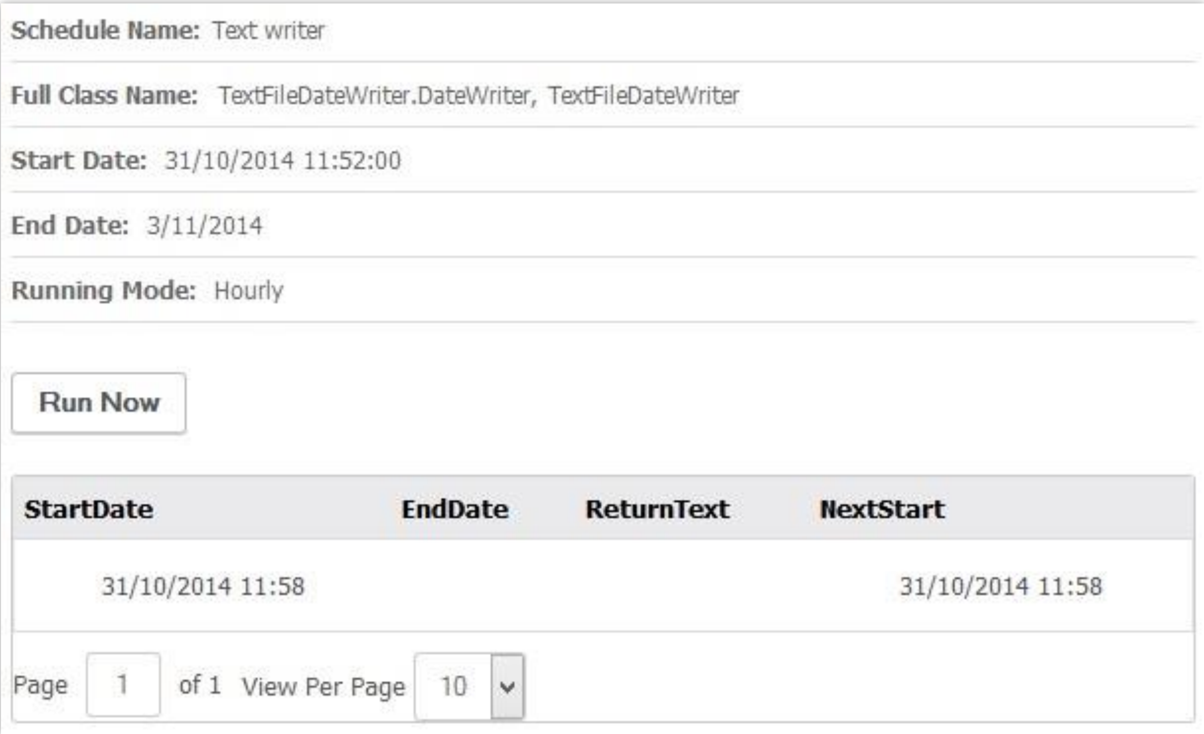


History of Task

1. From your SageFrame **C-Panel,** click on **Scheduler.**
2. You will land on **Job Scheduler** page. Click on the yellow arrow under **Actions** and click on **History.**



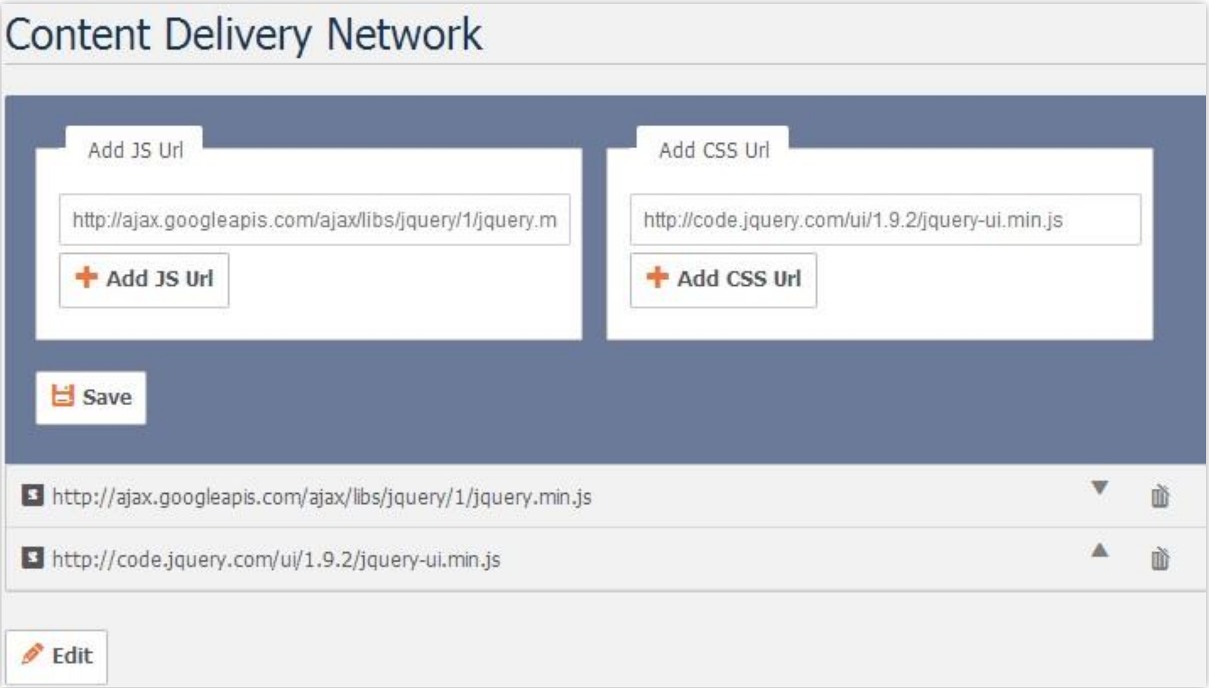
3. The Scheduler History will appear with details as shown in the image below.


Schedule Name: Text writer
Full Class Name: TextFileDateWriter.DateWriter, TextFileDateWriter
Start Date: 31/10/2014 11:52:00
End Date: 3/11/2014
Running Mode: Hourly
Run Now
StartDate
EndDate
ReturnText
NextStart
31/10/2014 11:58
31/10/2014 11:58
Page
1
of 1
View Per Page
10

Working with Content Delivery Network

A Content Delivery Network (CDN) is an interconnected system of computers on the internet that provides web content rapidly to numerous users by duplicating the content on multiple servers and directing the content to users based on proximity. The CDN enables you to add JS and CSS URL contributing to high availability and performance of the site. This feature optimizes the speed with which the content is delivered to its end users. It is here that you can submit links and edit or delete them as per your requirement.

From your dashboard, click on **CDN.** A window as shown below will appear.



Add JS URL

To add **JS URL,** enter the corresponding URL in the textbox and click on **Add JS URL** button.

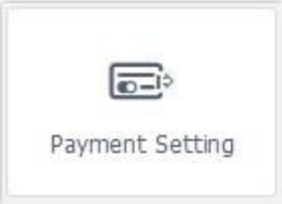
Add CSS URL

To add CSS URL, enter the corresponding URL in the textbox and click on **Add CSS URL** button.

Click on **Save** button to save your details or click on **Edit** button if any changes are to be made.

Working with Payment Gateway Setting

The **Payment Gateway Setting** page is a module added for the benefit of the developers where the settings of a number of payment gateway service provider can be managed. This reduces the time and effort to maintain the setting table.

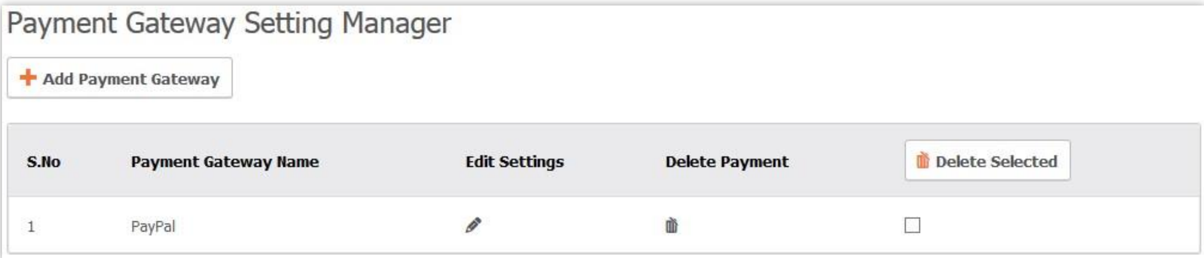


You can do the following from this page.

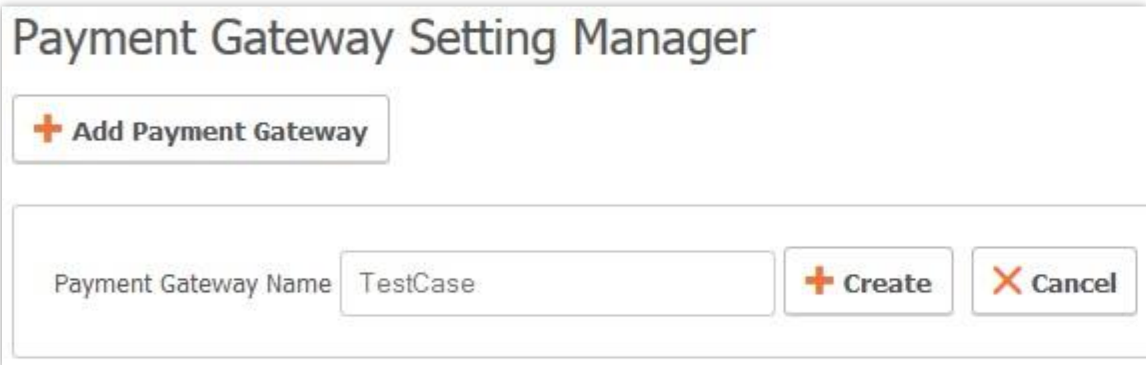
- Add a new payment gateway setting
- Edit payment gateway setting
- Delete payment gateway setting

Add New Payment Gateway Setting

1. From your SageFrame **C-Panel,** click on **Payment Setting.**
2. You will land on **Payment Gateway Setting Manager** page.

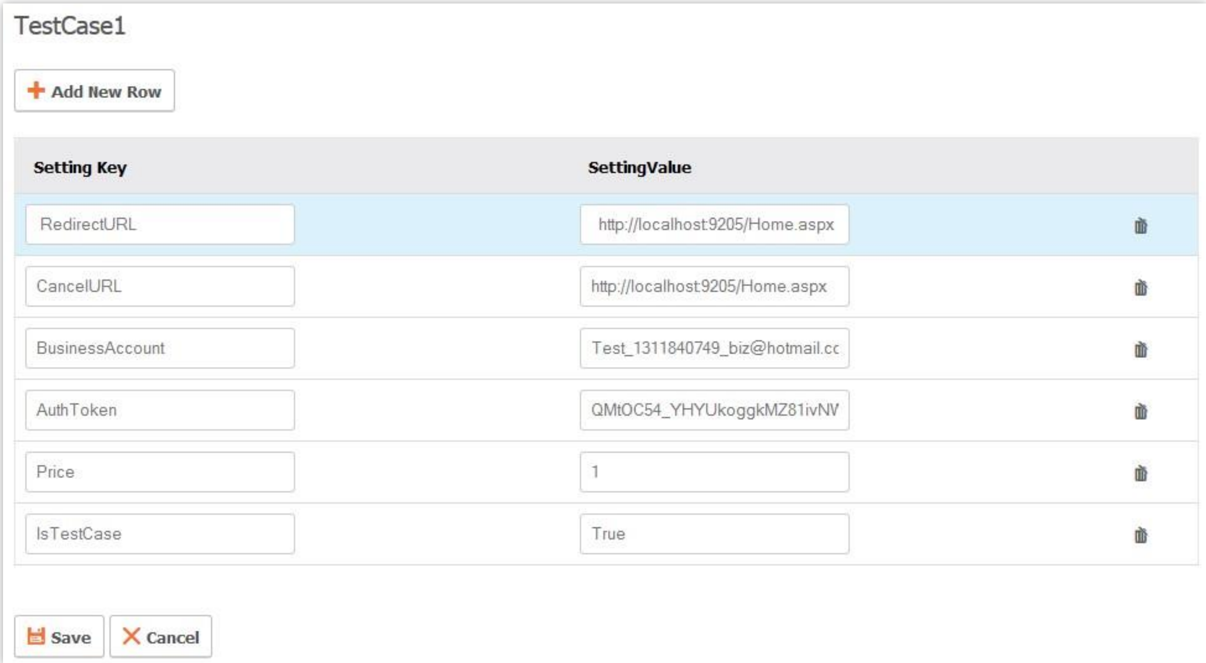


3. Click on **Add Payment Gateway.**

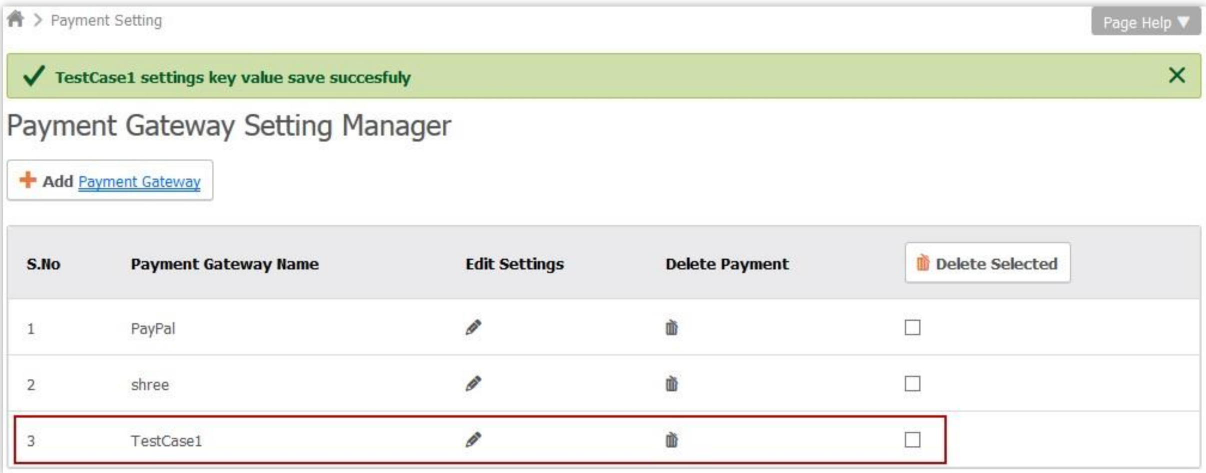


4. Enter **Payment Gateway Name** and click on **Create.**

5. You will land on **Payment Gateway Setting Manager** page. Enter the **Setting Key** and **Setting Value.** Click on **Add New Row** button to add as many rows as you want.

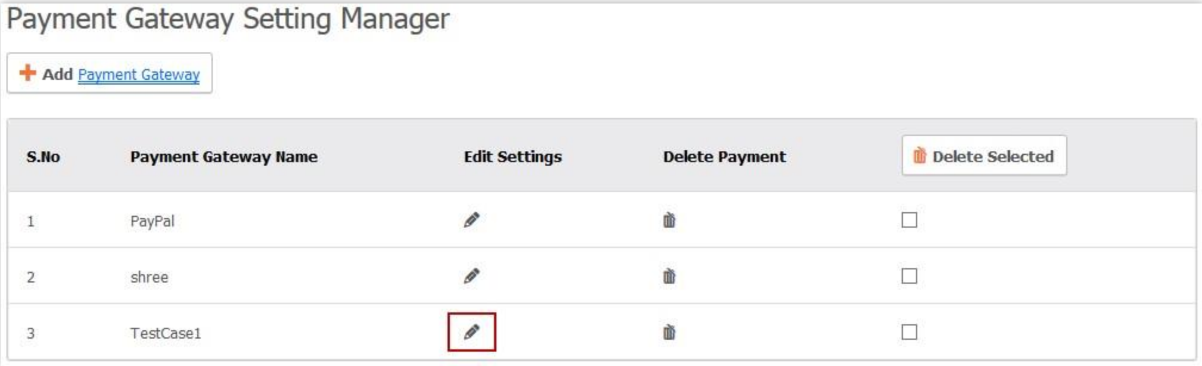


6. Click on **Save.**
7. The newly added Payment Gateway Setting will be listed as shown in the image below.



Edit Payment Gateway Setting

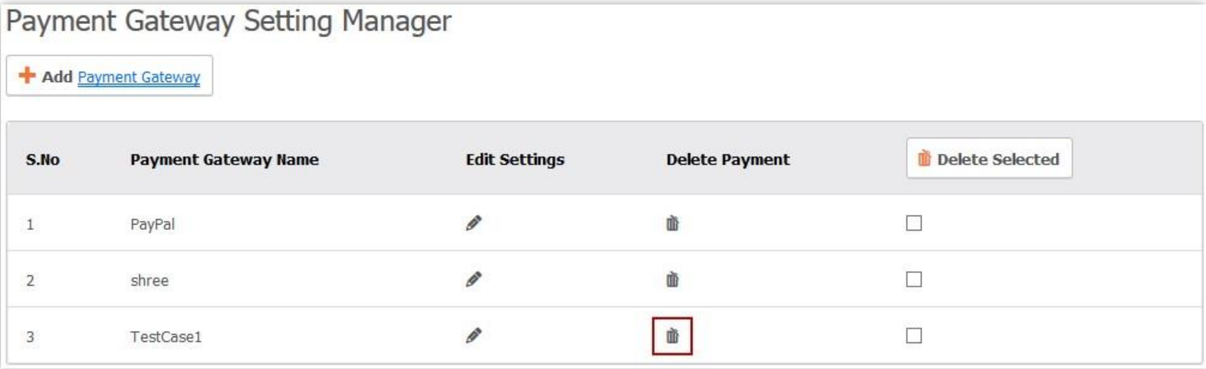
1. From your SageFrame **C-Panel,** click on **Payment Setting.**
2. On **Payment Gateway Setting Manager** page, click on the **Pencil** icon below **Edit Settings** to edit that particular Payment Gateway.



3. You will land on a similar page as **Add Payment Gateway.** Make the necessary changes and then click on **Save.**

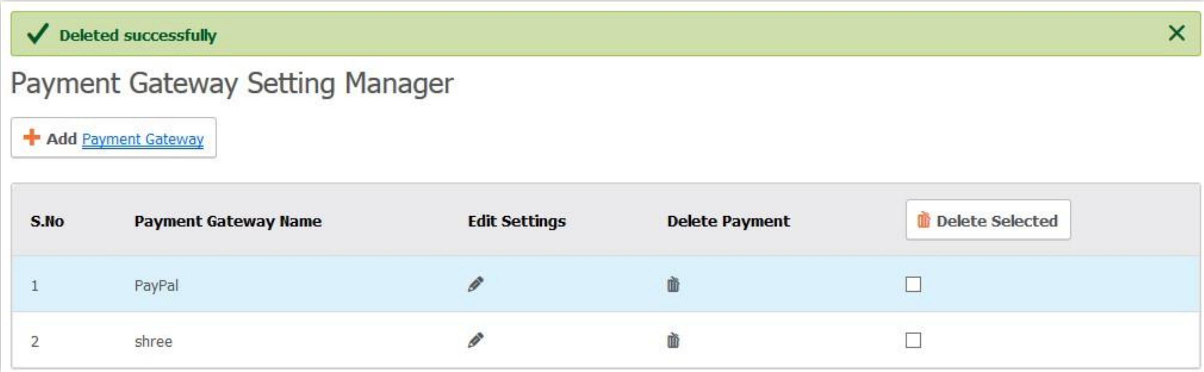
Delete Payment Gateway Setting

1. From your SageFrame **C-Panel,** click on **Payment Setting.**
2. On **Payment Gateway Setting Manager** page, click on the **Delete** icon below **Delete Payment** to delete that particular Payment Gateway.



3. A confirmation message for delete will appear as shown below.

4. Click on **OK** to confirm the deletion or **Cancel** to cancel it. The Payment Gateway will be deleted and you will receive the following message as shown in the image below.


Deleted successfully
Payment Gateway Setting Manager
Add Payment Gateway
S.No
Payment Gateway Name
Edit Settings
Delete Payment
Delete Selected
1
PayPal
2
shree

Application Upgrader

Application Upgrader is a feature that consists of a zip file to upgrade the system or modules to a better or newer version. Zip files can be made for individual modules which can be upgraded module wise. Other systems using SageFrame like AspxCommerce and HRIS can also use this zip file. This feature I also used for bug fixing. If there are patches or any kind of error, they can be fixed with this zip file. However, the size of the zip file should not exceed 10MB. This upgrader can only be used for the present and succeeding versions.

You can do the following from this page.

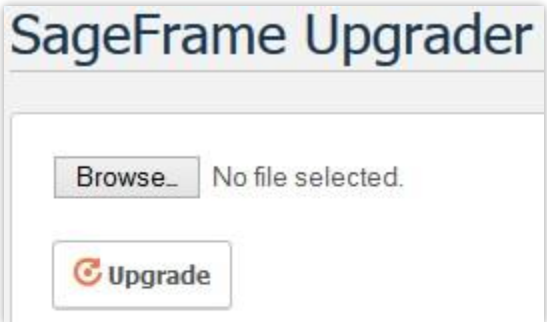
- Upgrade the system or individual modules into newer version.
- Create zip file

Upgrade System

Follow the steps as shown below to upgrade your system or any module.

1. Click on **Upgrade** button placed on the left side of the Top Sticky Bar.

2. You will land on **SageFrame Upgrader** page.

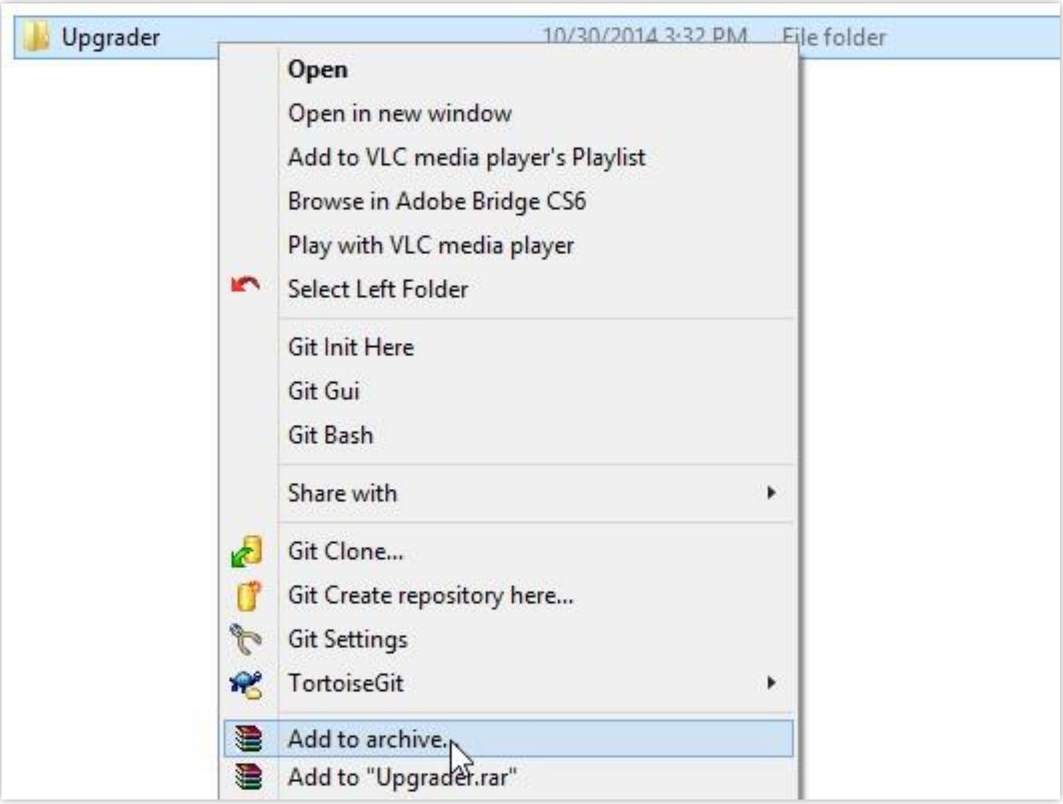


3. Click on **Browse** and select the zip file. Then click on **Upgrade** button. You will see the following image indicating that the system is upgrading.

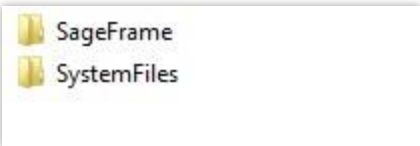
4. Once the upgrading process is complete, the new upgraded version can be seen on the **Top Sticky Bar.**

Create a Zip File

The zip file for SageFrame should be manually created by the developer. For your convenience, let's view the following example. Here, a zip file names as **Upgrader** is present. This file should be archived into the main folder.

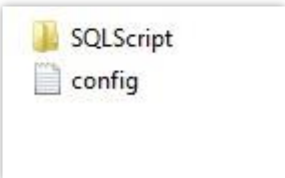


This Upgrader file consists of two more folders – **SageFrame** and **SystemFiles.**



SageFrame folder – This folder further consists of **Modules** and **CSS** files. It is important to maintain the hierarchy of this folder with the file path to upgrade the system or module.

SystemFiles folder – This folder further consists of **SQLScript** folder and **config.**



- **SQLScript** folder – The database scripts are stored in this folder in SQL format.
- **Config** – This is an XML file that holds the version and the file path. This path should be the same as the hierarchy used in the **SageFrame** folder.

```
<?xml version="1.0" encoding="utf-8" ?>
<CONFIG>

<SAGEFRAME VERSION="3.2"></SAGEFRAME>
  <FILES>
    <FILE path="SageFrame\Modules\HTML\HTMLView.ascx"></FILE>
    <FILE path="SageFrame\Bin\SageFrame.Common.dll"></FILE>
  </FILES>
</CONFIG>
```

Creating and Managing User Account

New users can register into the system by registering to the site and becoming a public user. The Administrator on the other hand has the power to manage the settings for the user registration.

You can do the following from this page.

- Sign up to become a registered user of the site.
- How to login and log out.
- Retrieve a password in case you forget it.
- Troubleshoot when login fails.
- Troubleshoot when password retrieval fails.
- Login using Open ID.

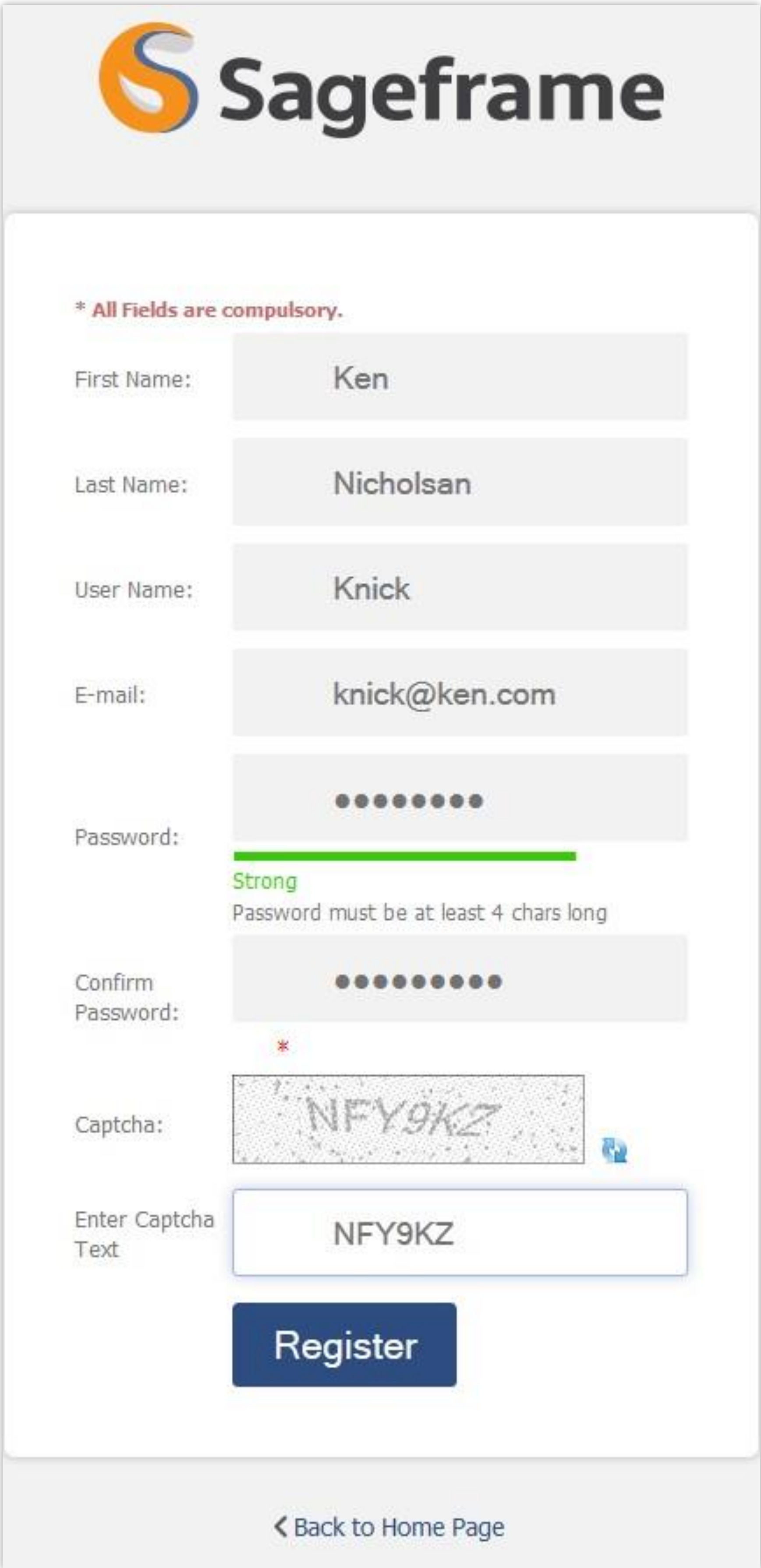
Sign up to become a registered user of the site

You can gain instant access to the site by registering as a public user and become a member without any verification.

To do this, follow the steps shown below.

1. Click on **Register** option placed at the top right corner of the site.

2. A **User Registration** page will open.


Sageframe
* All Fields are compulsory.
First Name:
Ken
Last Name:
Nicholsan
User Name:
Knick
E-mail:
knick@ken.com
Password:
Strong
Password must be at least 4 chars long
Confirm Password:
*
Captcha:
NFY9KZ
Enter Captcha Text
NFY9KZ
Register
Back to Home Page

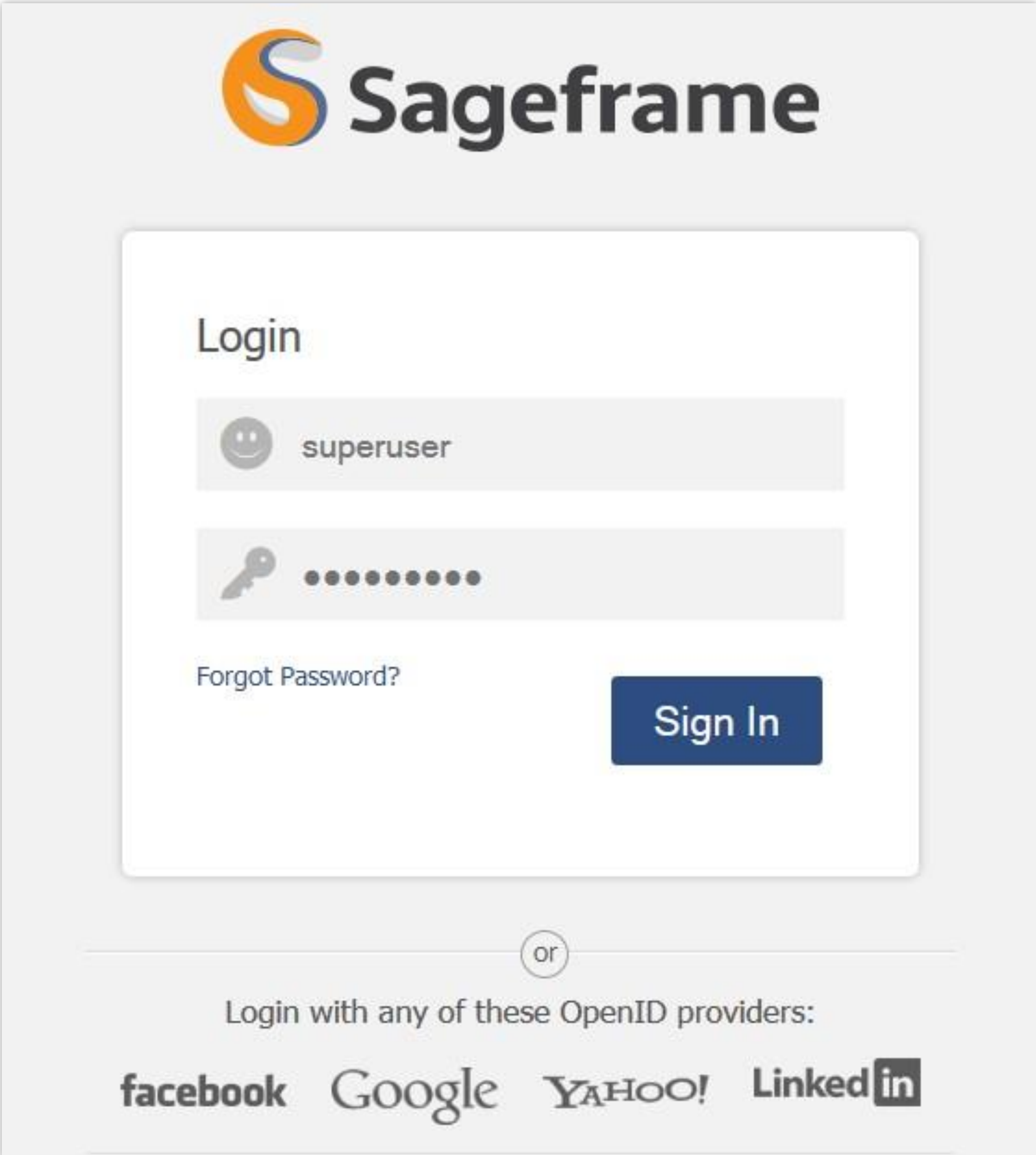
3. Fill in the required details with valid information and click on **Register** button to create your user account.

   *(**Note:** Fields marked with an asterisk are mandatory.)*

   Once your account is created, you will be logged in and prompted with a welcome message. This can be changed from the settings maintained by the superuser.

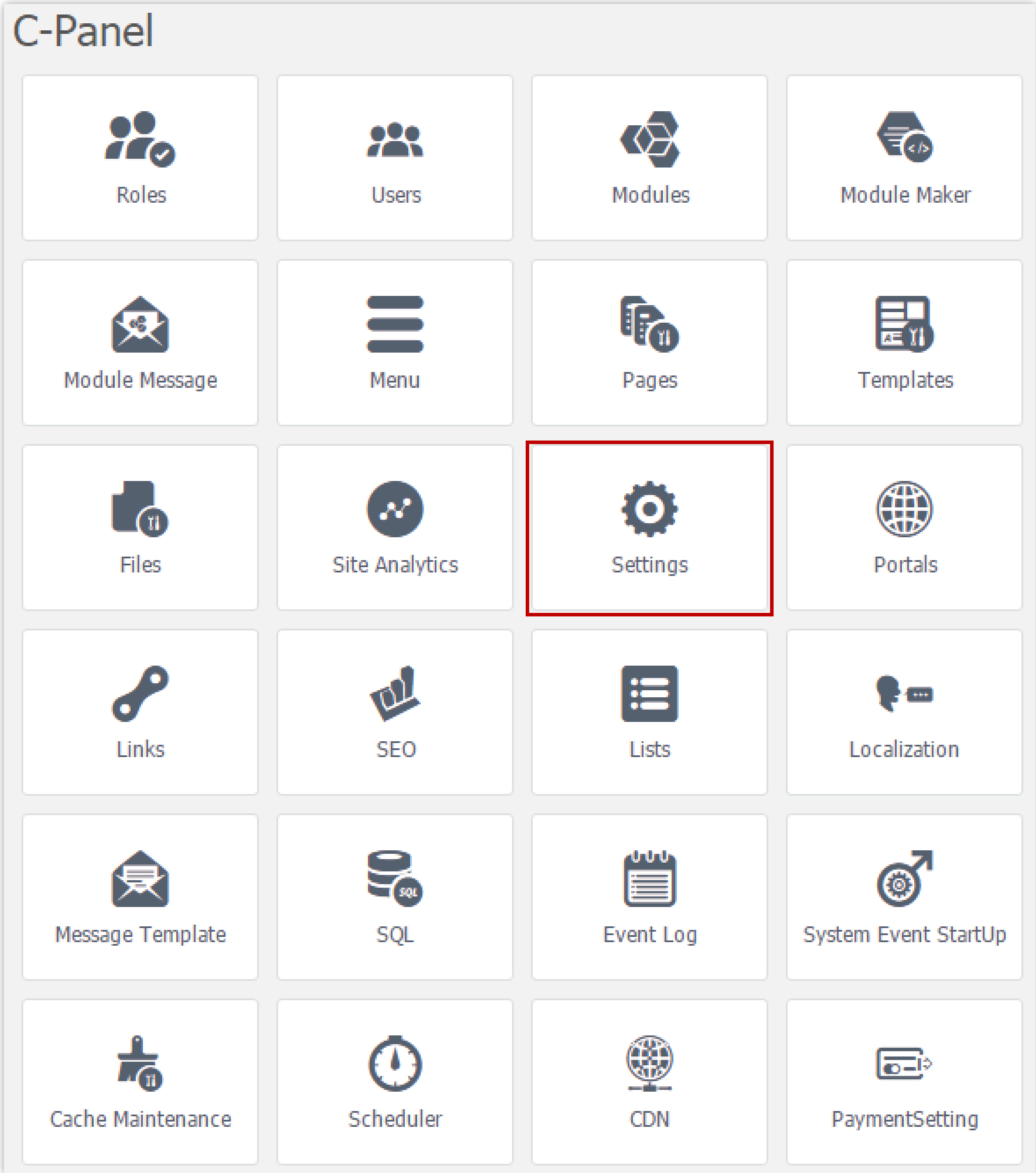
   If you want to view this, login as a superuser.

   To do this, click on the **Login** button and enter your superuser **Username** and **Password.**

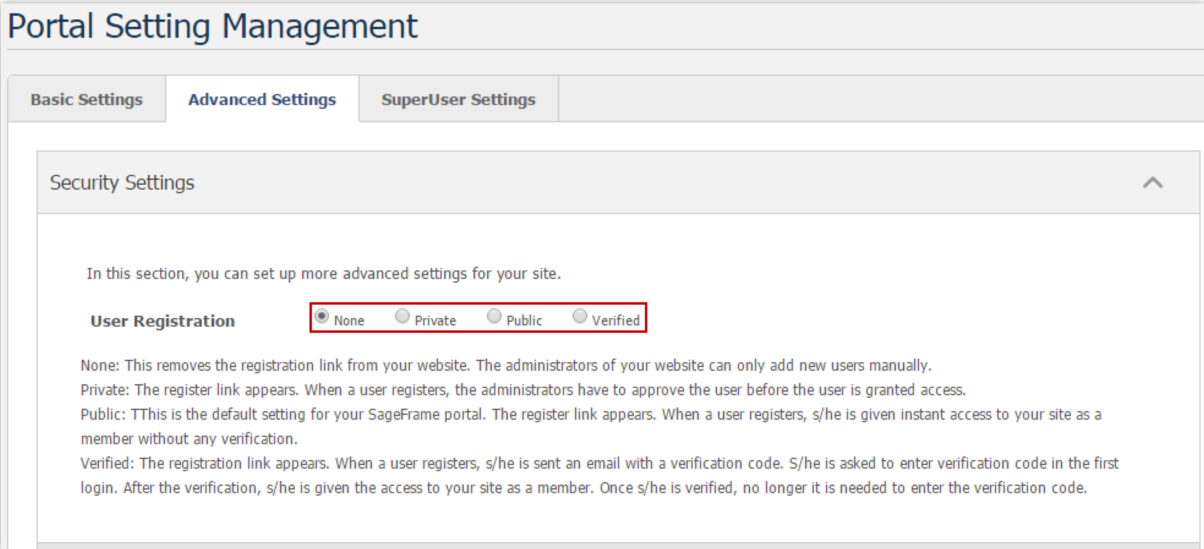


Once you are logged in, click on **Dashboard** icon placed at the top left of the page.

This will open SageFrame Dashboard. In the **C-Panel** section, click on **Settings.**



Portal Setting Management page will open consisting of three tabs. Click on **Advanced Settings** tab.



In **Security Settings** section, you can see four option for **User Registration.**

None: This option removes the registration link from your website. The administrators of your website can only add new users manually.

Private: This option provides you with a registration link. When a new user registers, the administrators have to approve the user before the user is provided with access to the site.

Public: This option is the default setting for SageFrame portal. You will be provided with a link for registration. When a new user register, they are given instant access to your site as a member without any verification.

Verified: This option provides you with a registration link. When a new user registers, they are sent an email consisting of a verification code. When this user logins for the first time, they are asked to enter the verification code. Only when they enter the correct verification code, they can access the site as a member. This verification is done the first time only.

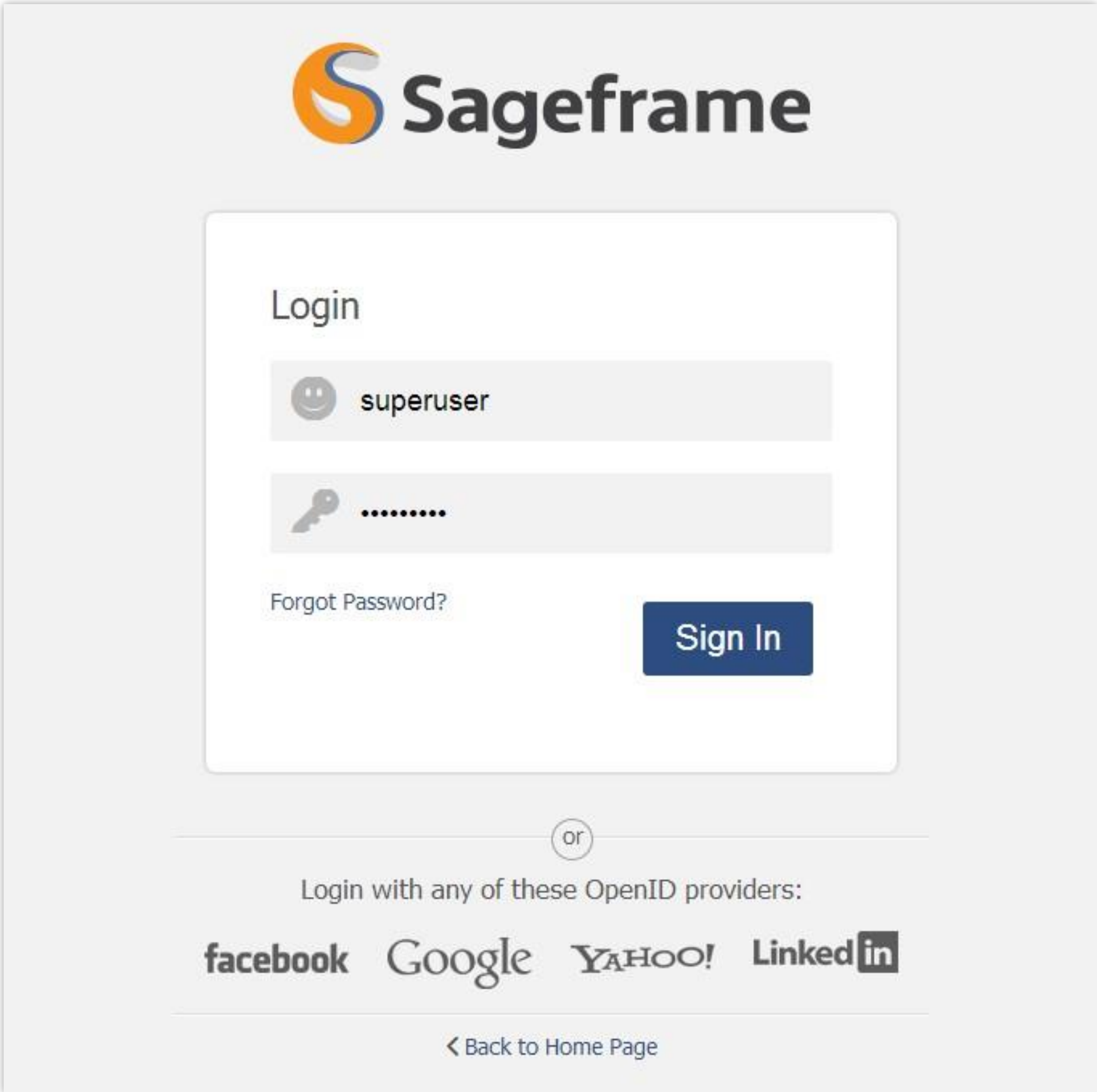
Logging In and Out

Let's learn about the basic of logging in and logging out of the SageFrame site.

Logging into a Site

1. Click on the **Login** module at the top right corner of the website or navigate to an account login module.

2. Enter the **Username** and **Password** that you have registered with and click on the **Sign In** button to login to the system.

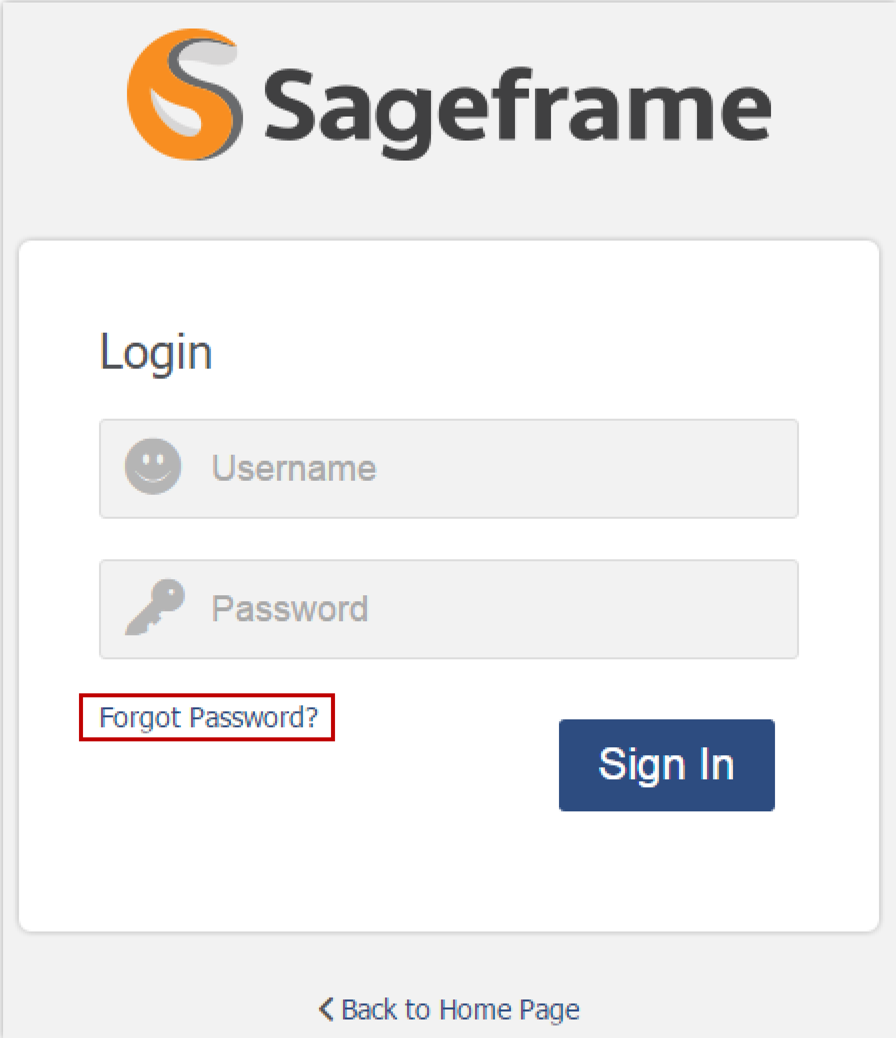


Logging Out of the Site

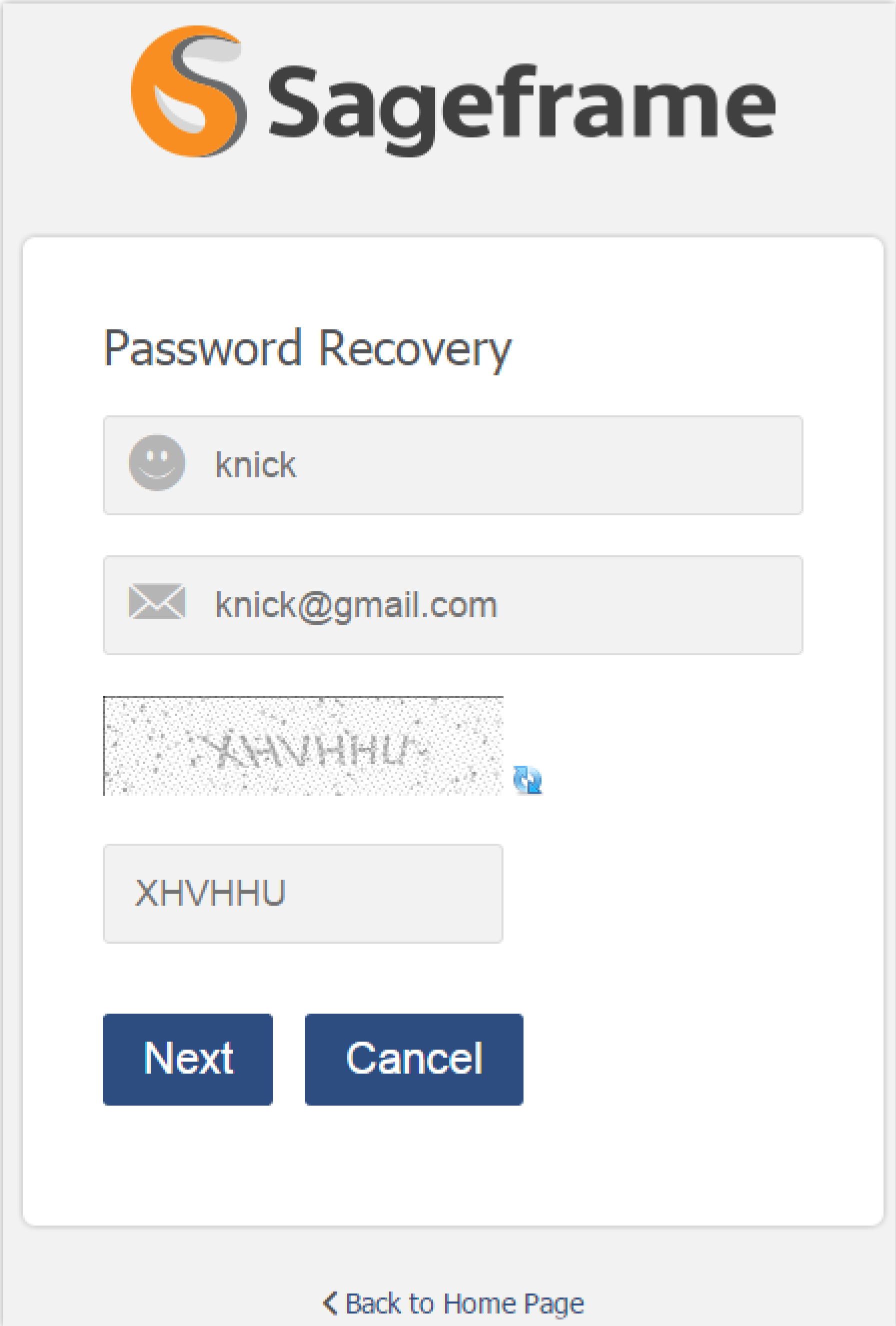
Click on **Logout** option placed at the top right side of the page next to **My Account.**

Retrieving a Password

1. At times when you forget your password, you can have a temporary password sent to your email address by clicking on **Forgot Password?** option in the **Login** page.



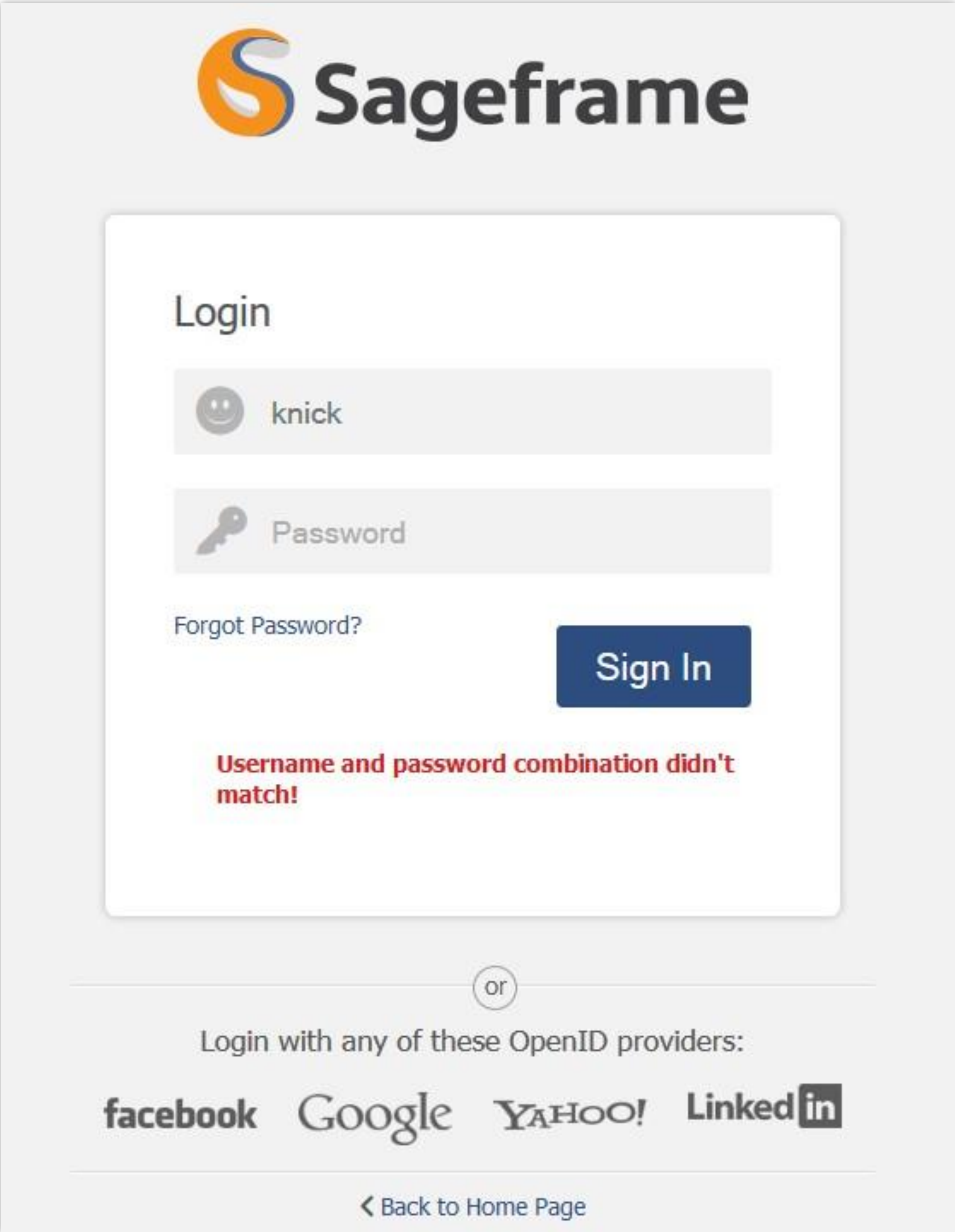
2. This will land you on the following page. Enter your **Username, Email** and **Captcha.** Then click on **Next.**



3. You will receive a message as shown in the image below. Also, an email will be sent to your corresponding email address. Click on **Finish** and check your mail for the temporary password.

Troubleshoot when Login Fails

At times your login might fail if you insert incorrect Username or Password. No need to worry. Login again and make sure that you enter the correct Username and Password. Also, make sure that you have turned off your **Caps Lock.**



Troubleshoot for Failed Password Retrieval

There are two conditions for Password retrieval fails.

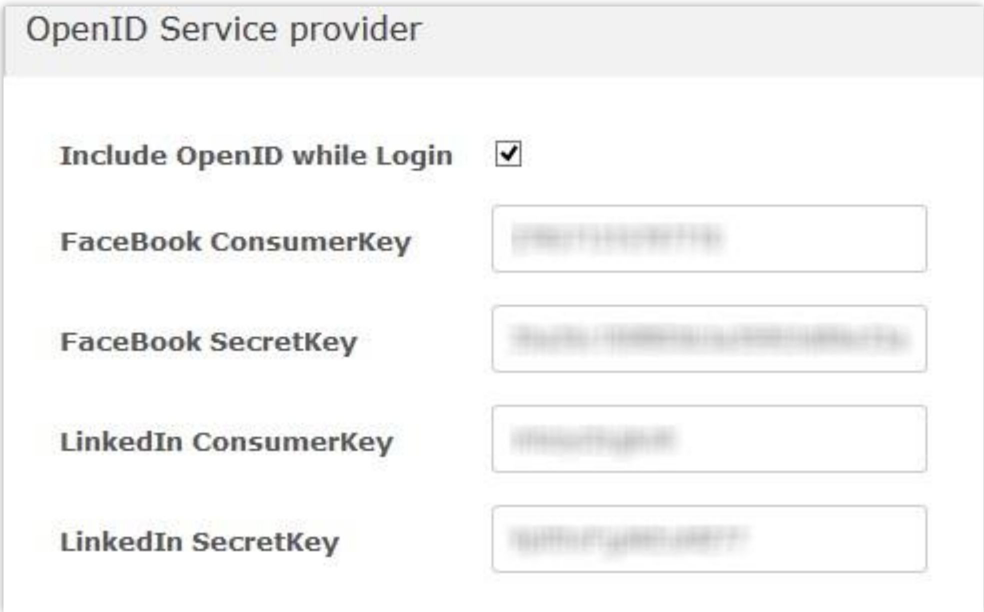
Username and Password didn't match: In this case, retry with a different Username and Password or email the administrator for further assistance.

Username or Email Address didn't match: In this case, enter a different Username and Password or email the administrator for further assistance.

Login Using OpenID

SageFrame provides you with options to login using OpenID accounts like **Facebook, Google, Yahoo** and **LinkedIn.**

To enable these OpenID providers, you need to click on **Settings** from SageFrame C-Panel and view **Basic Settings** tab. At the bottom of the page, in **OpenID Service provider** section, fill in the given fields.



To include **OpenID,** you need to checkmark **Include OpenID while Login** field. You need to get the unique consumer and secret keys for **Facebook** and **LinkedIn** but not necessarily for **Google** and **Yahoo** IDs.

Manage User Profile

From this page, you can manage and edit users and their profiles. It helps in editing roles, delete users, update user profile info and change passwords.

Edit User Profile

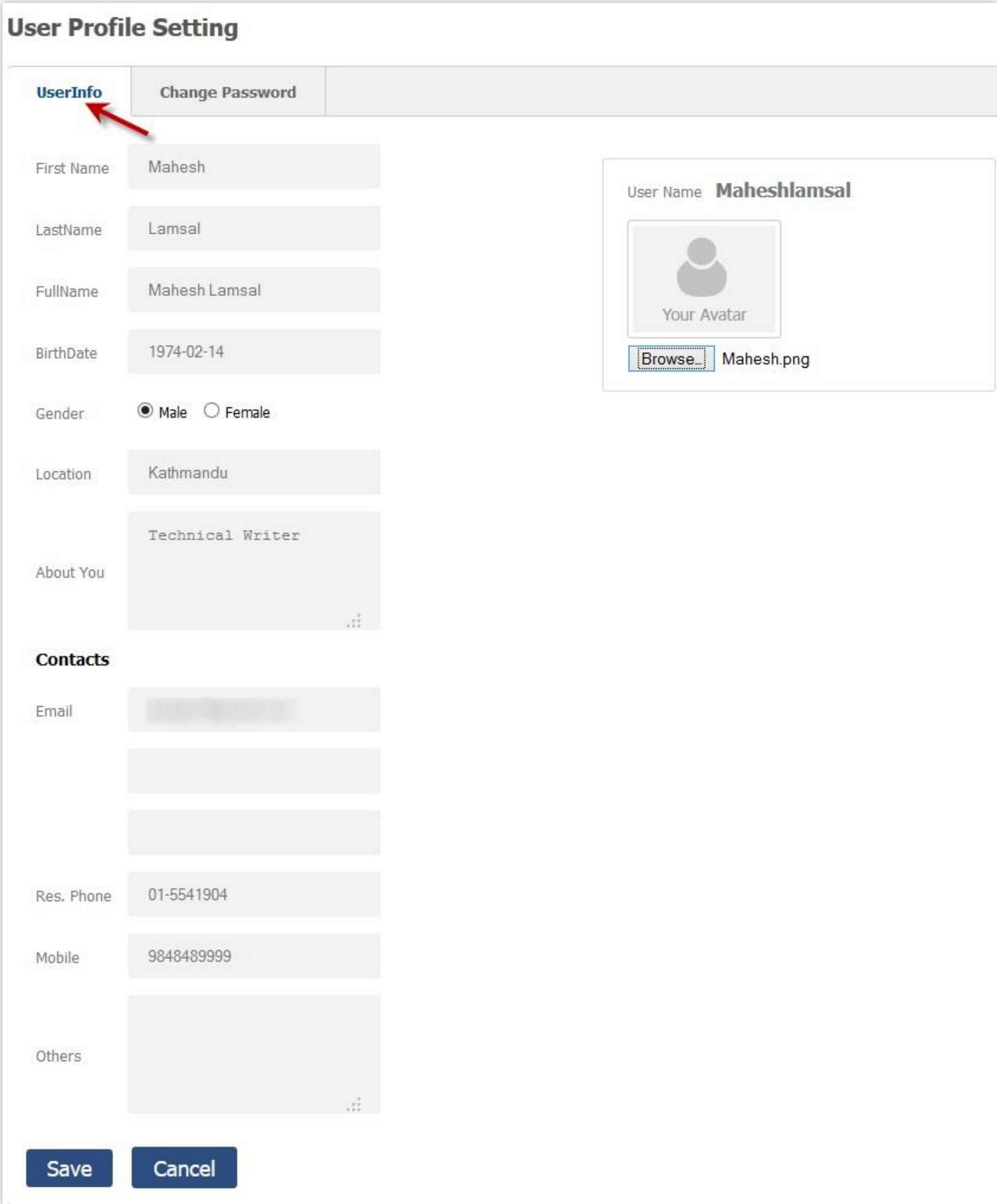
1. Login to your account using **Username** and **Password** provided at the time of registration.
2. Click on **My Account** option placed at the top right corner of the page.

Two tabs are present – **User Info** and **Change Password.**

User Info

The present user information is displayed in **User Profile** page. To edit this information, click on **Edit** button placed at the bottom of the page.

You will land on the following page.

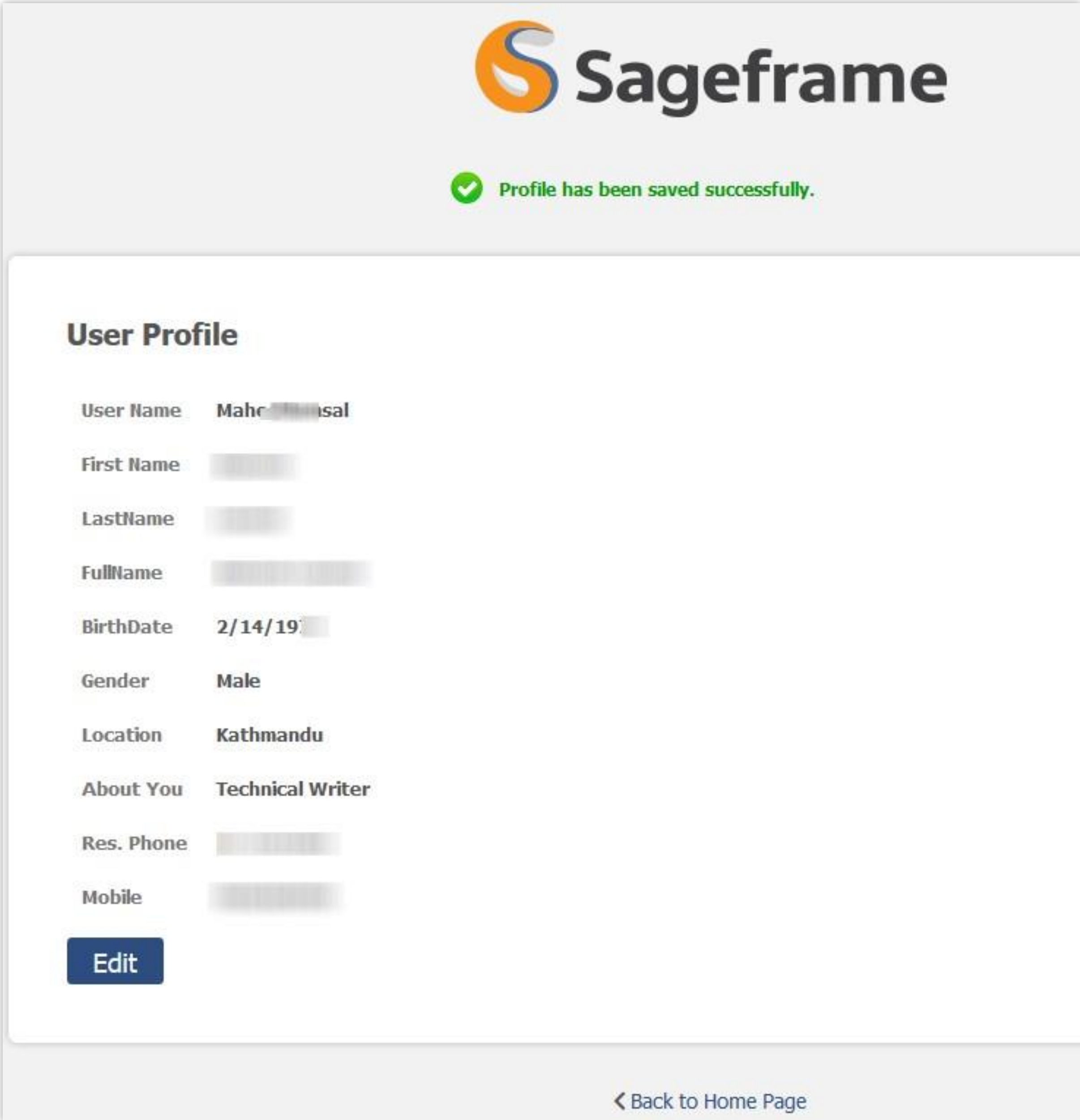


Change the fields with the information that you want and click on **Save** to save this information. You can click on **Cancel** button if you want to go back.

Change Password

Go the **Change Password** tab to edit your password. Enter your new password and make sure that you retype the same password correctly. Click on **Save.**

You will now land back on **User Profile** page where you can see a message in green saying – **Profile has been saved successfully** as shown in the image below.



You can still edit the information if you want. If you are satisfied, then click on **Back to Home Page** to go back.

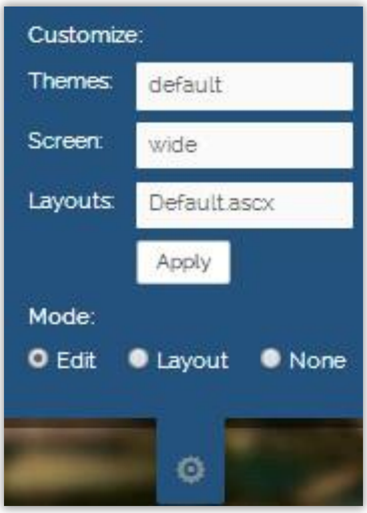
Working with Front End C-Panel

SageFrame provides you with the option to customize your site the way you want from the front end as well as the back end. The benefit of working from the front end is that the preview can be seen then and there.

How to customize your site from the Front End

Follow the steps shown below to customize your site.

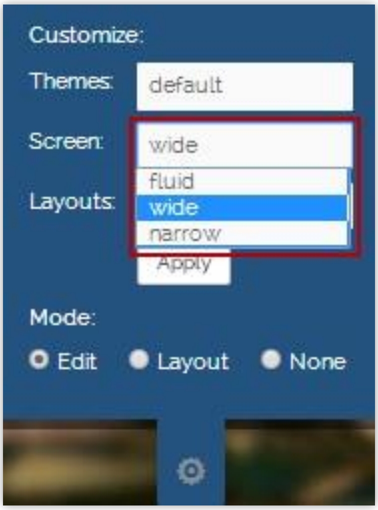
1. Click on the **Settings** icon placed at the middle of the Top Sticky Bar. A **Customize** window as shown in the image below will pop up.



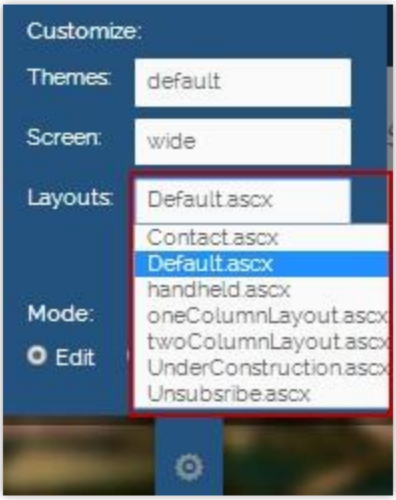
2. On the **Customize** window, you can make the following changes.

   Themes: Customize the themes from the list of options available in the dropdown list.

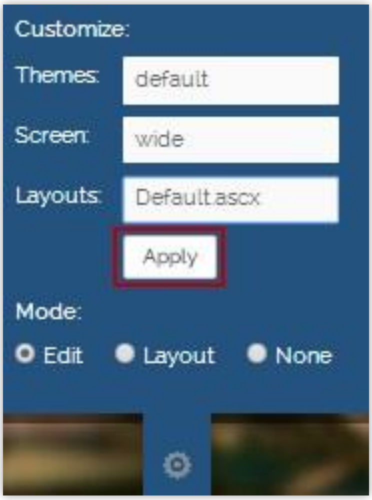
   Screen: You can select the screen to be **Fluid, Wide** or **Narrow** from the dropdown list.



Layouts: You can also customize the layouts from the option available in the dropdown list.



3. Click on **Apply** button to save your changes and to view the customized front end.

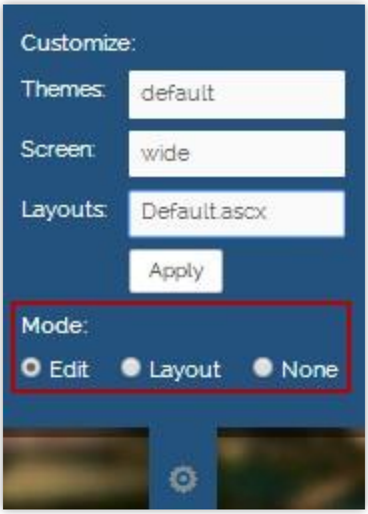


4. The front end can be viewed in the following modes.

   Edit: This mode enables you to edit different modules available in the Home page. Click on the **Pencil** icon to make necessary changes.

   Layout: This mode gives you the layout of the site. You can easily change the layout by dragging the modules from one place to another as required.

   None: This mode gives you the final preview of the site. You cannot change anything when choosing this mode.


Customize:
Themes:
default
Screen:
wide
Layouts:
Default.ascx
Apply
Mode:
Edit
Layout
None