PENCIL v2.0

The Stationary & Mart Management System

Advanced management software for Stationary, Mart & Super Market.

Developer manual

http://www.gigabyteltd.net

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Installation Manual

1. Upload the downloaded zip file to your server in the public_html directory.
2. Extract the zip file
3. Create a new database from your server mysql.
4. Create user to the database and link the database to the user.
5. Open the file database.php from the directory /application/config/database.php
6. Fill up these information's with your database hostname, database username, database password, database name respectively which you have created in the previous step.

```
'hostname' => '',
'username' => '',
'password' => '',
'database' => '',
```

7. Now from server phpmyadmin go to your database. Select import and choose the file pencil.sql located in uploads folder in root directory.
8. In the same directory /application/config/config.php open the file.
9. Find base_url and change the url with your domain name.

10. And you are ready to go now to browse the application.

☐ Now you can login with your existing credentials.

Demo Credentials

Default admin credentials
Email: demo@pencil.net
Password: 12345
Demo link : https://pencil.gigabyteltd.net/

Source Code Structure and Description

The application is developed on Codeigniter framework and completely follows MVC. The details of this framework can be found in
http://www.codeigniter.com/

The root directory contains

- Application
→ Contains the core files of the application.

- Assets
→ Contains all css styles and JavaScript files.

- system
→ Contains all the configurations and library files of the framework.

Uploads :

-partners
→ contains the partners logo images uploaded by admin himself

- customers
→ contains the uploaded images of customers

-prescription
→ contains the uploaded itemlist images by customers through userpanel.

- systemings
→ contains the system images of like logo and banner.

- users
→ contains the uploaded images of users who are using the adminpanel.

- **drivers**
→contains the uploaded images of drivers.

- **purchase**
-    contains the uploaded images of purchases or bills.
- **files**
→ contains the back up files of database.

- config
→ contains the configuration files of the application

Controllers :

Category.php
→ Contains the content for category like add, delete, update and select category.

Customers.php
→ Contains the content for customers like add, delete, update and select customers.

Email.php
→ Contains the content for sending emails which includes default functions of codeignior.

Frontend.php
→ Contains the functions for contact us and about us details.

Homepage.php
→ Contains the functions for dashboard in adminpanel.

Invoice.php
→ Contains the content of add, delete, edit and select invoices for adminpanel.

Layout.php

→ Contains the content of add, delete, edit and select layout settings for adminpanel.

Login.php

→ Contains the user authentication functions to identify user.

Main.php

→ Contains the fetch functions for landing page.

Item.php

→ Contains the content of add, delete, edit and select item function for adminpanel.

Sales.php

→ Contains the function for add invoice.

Sales_report.php

→ Contains report generation functions.

Stock_alert_report.php

→ contains the calling of crud functions for stock shortage report.

Stock_report.php

→ *contains the calling of crud functions for generating stock reports.*

Todolist.php

→ Contains the content of add, delete, edit and select function for todo in adminpanel.

User_email.php

→ Contains the content of add, delete, edit and select function for user email in adminpanel.

Users.php

→ Contains the content of add, delete, edit and select function for new user to login in adminpanel.

Multiple_roles.php

→ Contains the content of add, delete, edit and select function for assign roles to new users in adminpanel.

Return_items.php

→ Contains the content of items which are returned by customer to store.

Forget_password.php

→ Contains the content of Forget password functions like sending emails, change password etc.

Expense.php

→ Contains content of expenses which manage, add, fetch and delete expenses .

Supplier.php

→ Contains content of supplier which manage, add, fetch and delete supplier record.

Backup.php

→ Contains functions for taking and restore database backups.

Note:

For more details open controller folder and select file.php the code is properly commented for developers to edit it accordingly. if you feel any problem then you can visit into our website for any query.

Models

Accounts_model.php

$\rightarrow$ Contains some select data functions with some mathematical calculations like invoice creation, get invoice details from database through id and sales report.

Crud_model.php

$\rightarrow$ Contains all the database related activities like crud operations insert, update, select and delete data visit the crud_Model.php each code is properly commented on every defined function.

Transaction_model.php

$\rightarrow$ Contains all the transactions of accounts , invoices , return items .

Pos_transaction_model.php

$\rightarrow$ Contains the update quantity transactions of Pos and Whole sale .

Library :

printer.php

$\rightarrow$ Thermal printer integration functions in the file.

Views

View Structure of the Application

-**admin model**

$\rightarrow$The folder contains all the model used in admin panel of the application.

- add_delivery_model.php
- customer_profile_model.php

- forget_model.php
- password_model.php
- picture_model.php
- prescription_image_model.php

-add_models

→The folder contains all the model used in admin panel to add the data into database through these models.

- add_category_model.php
- add_customer_model.php
- add_item_model.php
- add_multipleroles_model.php
- add_partner_model.php
- add_return_model.php
- add_service_model.php
- add_somewords_model.php
- add_testamonials_model.php
- add_todolist_model.php
- add_user_model.php

-edit_models

→The folder contains all the model used in admin panel to edit the data of database through these models.

- edit_category_model.php
- edit_customer_model.php
- edit_invoice_model.php
- edit_item_model.php
- edit_partner _model.php
- edit_return_model.php
- edit_service_model.php
- edit_somewords_model.php
- edit_testamonials_model.php

- edit_todolist_model.php
- edit_user_model.php

-frontend

→ Contains all the view files of landing page and popup models for login, signup, change password, change profile picture.

forget_model.php

→ Contains the content for email to send password to customer.

landing_page.php

→ Contains the content of landing page of the company.

login_model.php

→ Contains the content for login.

password_model.php

→ Contains the content for change password.

picture_model.php

→ Contains the content for change profile picture.

signup_model.php

→ Contains the content for signup into the userpanel / customer panel.

-user_panel

→ contains all the view files of user panel.

availability_check.php

→ Contains the content for customers to check the availability of medicines in pharmacy.

customer_email.php

→ Contains the content for email to admin.

customer_profile.php
→ Contains the content for personal profile of current login session.

error_invoices.php
→ contains the details of errors that is generated from any controller for userpanel.

footer.php
→ Contains the content for footer of user panel.

head.php
→ Contains the content for script and style links.

invoice_details.php
→ Contains the content for paypal express check out process.

navigation.php
→ Contains the top bar content like username, notifications or logout option.

online_invoice.php
→ Contains the content for invoice creation by customer itself.

online_sales_invoices.php

→ Contains the content of customer purchases list.

order_history.php
→ Contains the content for purchasing orders through user panel..

side_menu.php
→ Contains the navigation links for userpanel.

upload_prescription.php
→ Contains the content for upload prescription or item list.

user_panel.php

→ Contains the content of basic HTML code structure.

-expenselist.php

→ Contains the form for expenses.

-restore_backup.php

→ Contain the form for backups.

-stock_list.php

→ Contain the list for for stock details.

-supplier.php

→ Contain the list for supplier details.

-main

→ contains all the main view files of admin panel like header, footer etc.

- aside.php

→ Contains the navigation links of adminpanel.

- error_Invoices.php

→ Contains the content for error notification when no data returns from database.

- footer.php

→ Contains the footer content.

- header.php

→ Contains the header content.

- index.php

→ Contains the basic structure of HTML.

Main view folder

-contact_us.php

→ Contains the contact details form of the company like phone number, email address, social media pages link etc.

- customers.php

→ Contains the view files for customer Add customer form, edit form, View customer details form..

- dashboard.php

→ Contains the view content of dashboard like tiles, charts and remaining other tables appearing on dashboard.

- invoice.php

→ Contains the content for invoice creation in adminpanel.

- invoice_print.php

→ Contains the content of receipt to print.

- layout.php

→ Contains the content for layout setting like upload logo, banner and other details related to company.

- login.php

→ Contains the content for login in adminpanel.

- categories.php

→ Contains the content for Add category, edit and view category.

- **items.php**
    → Contains the content for Add item, edit and view items.

- **item_sales.php**
    → Contains the content for sales report.

- **online_sales_invoices.php**
    → Contains the content for invoice created by customer through userpanel.

- **order_history.php**
    → Contains the content for orders delivered to customer like shipped charges, discount etc.

- **partners.php**
    → Contains the content for Add partner, edit and view partner.

- **profile.php**
    → Contains the content for profile of current login session.

- **sales_invoices.php**
    → Contains single invoice receipt of sales.

- **services.php**
    → Contains the content for Add services, edit and view services for landing page.

- **somewords.php**
    → Contains the content for Add services, edit and view services for landing page.

- stock_alert_report.php
→ Contains the content for Stock alert report.

- stock_report.php
→ Contains the content for Stock report .

- temp_invoice.php
→ Contains the content for temp invoice when customer uploads item image into the userpanel. Now admin should create a temp invoice for customer because initially this invoice will not be included into actual record until customer will pay it through cash or paypal.

- testamonials.php
→ Contains the content for Add testimonials, edit and view testimonials for landing page.

- todolist.php
→ Contains the content for Add todo, edit and view todo

users.php
→ Contains the content for Add users, edit and view users.

multiple_roles.php
→ Contains the content for assign roles, edit and view roles.

transactions.php
→ Contains the content for transaction made through paypal.

Forget_password.php
→ Contains the content for forget password form to enter the emailed code and update the previous password .

Helpers

side_menu_helper.php
> → Avoids invalid/illegal access to any controller if that is not assigned to user from sideMenu.

url_auth_helper.php
> → Avoids invalid/illegal access to any controller if that is not assigned to user from url.

UI:

Admin LTE 2

The user interface uses in this application is admin lte2 you can freely download it from https://adminlte.io/ The UI is freely available you can download and can edit it according to your needs.