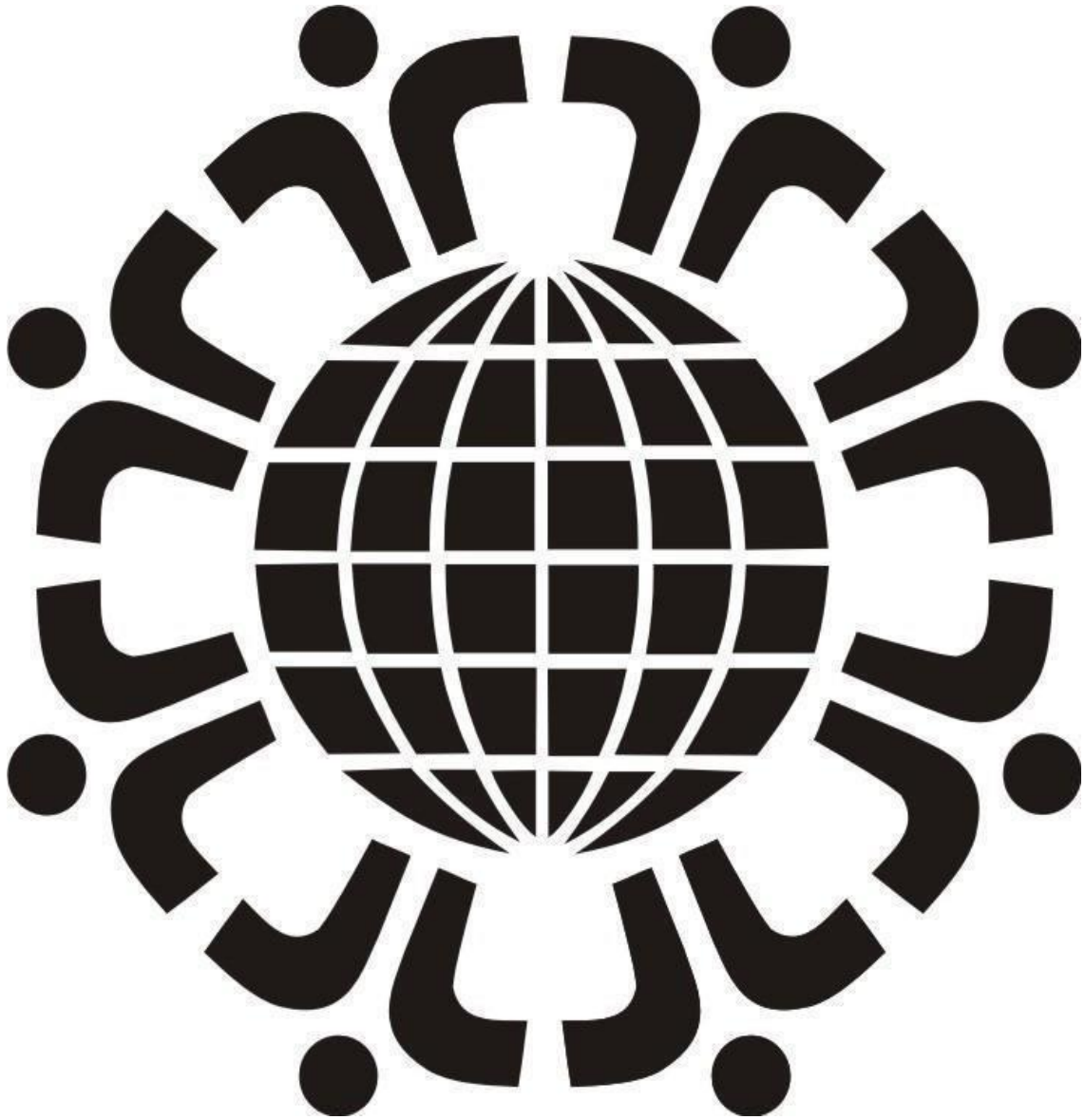


Random Password Generator

Project Report On “RANDOM PASSWORD GENERATOR”



Aptech Computer Education – MSG-Karachi

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Aptech-MSG-Karachi

Random Password Generator

CERTIFICATE



Certificate of Completion

This is to certify that Desktop Application for Random Password Generator has been completed with all functionality by the students of Pro201912B+11B. Raja Hammad, Ayan Altaf, Sudais Sami, Haris Sardar, Saif-ul-Hassan

Random Password Generator

Introduction

The thirst for learning, upgrading technical skills and applying the concepts in real life environment at a fast pace is what the industry demands from IT professionals today. However busy work schedules, far-flung locations, unavailability of convenient time-slots pose as major barriers when it comes to applying the concepts into realism. And hence the need to look out for alternative means of implementation in the form of ladder approach. The above truly pose as constraints especially for our students too! With their busy schedules, it is indeed difficult for our students to keep up with the genuine and constant need for integrated application which can be seen live especially so in the field of IT education where technology can change on the spur of a moment. *Well, technology does come to our rescue at such times!!*

Keeping the above in mind and in tune with our constant endeavour to use Technology in our training model, we at Aptech have thought of revolutionizing the way our students learn and implement the concepts using tools themselves by providing a *live and synchronous eProject learning environment!*

So what is this eProject?

eProject is a step by step learning environment that closely simulates the classroom and Lab based learning environment into actual implementation. It is a project implementation at your fingertips!! An electronic, live juncture on the machine that allows you to

- Practice step by step i.e. ladder approach.
- Build a larger more robust application.
- Usage of certain utilities in applications designed by user.
- Single program to unified code leading to a complete application.
- Learn implementation of concepts in a phased manner.
- Enhance skills and add value.
- Work on real life projects.
- Give a real life scenario and help to create applications more complicated and useful.
- Mentoring through email support.

The students at the centre are expected to complete this eProject and send complete documentation with source code to eProjects Team Looking forward to a positive response from your end!!

Objectives of the project

The Objective of this program is to give a sample project to work on real life projects. These applications help you build a larger more robust application. The objective is not to teach you the concepts but to provide you with a real life scenario and help you create applications using the tools. You can revise them before you start with the project. It is very essential that a student has a clear understanding of the subject.

Kindly get back to eProjects Team in case of any doubts regarding the application or its objectives.

Write a Python / R Program to find Armstrong number.

Having a weak password is not good for a system that demands high confidentiality and security of user credentials. It turns out that people find it difficult to make up a strong password that is strong enough to prevent unauthorized users from memorizing it. Creating a strong password and remembering it is a tedious task. You need to build a program that intakes some words from the user and then generates a random password using those words. The user can remember the password with the help of the words he gave as an input.

Random Password Generator

Hardware/ Software Requirements

Hardware

- A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better
- 128 Megabytes of RAM or better
- Windows 2000 Server (or higher if possible)

Software

Use software as per your requirement

- Windows OS /Python/R/JAVA/Notepad

The details are needed to be captured based on the type of the testing and as well based on the product.

The status of the testing and as well the detailed remarks is also needed to be captured.

An advanced search option is needed to be included so that one can fetch the details of the testing at an ease.

Random Password Generator

HARDWARE CONFIGURATION

- A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better.
- 128 Megabytes of RAM or better

Operating System

- LINUX / Windows 2000 Server (or higher if possible)

SOFTWARE CONFIGURATION

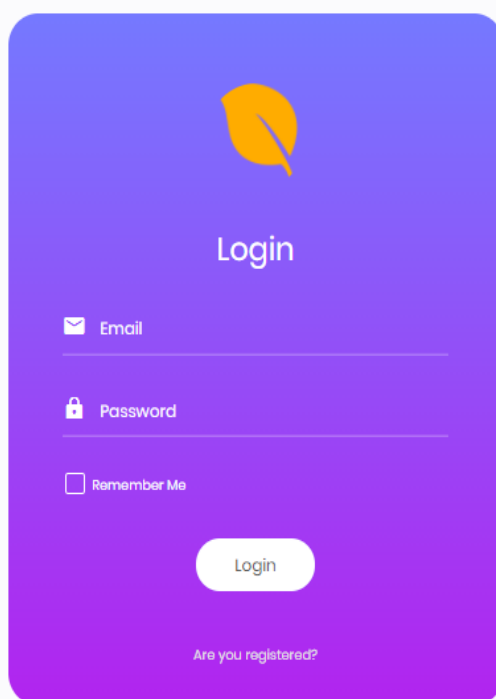
- PHP
- MySQL
- PERL
- Apache

Random Password Generator


Login


Email: aptech@gmail.com

Password: demo1234



Login

 Email

 Password

☐ Remember Me

Login

Are you registered?

Activate Windows
Go to Settings to activate Windows.

Lab Automation System


REGISTRATION




Register

 Name

 Email

 Password

 Conform Password

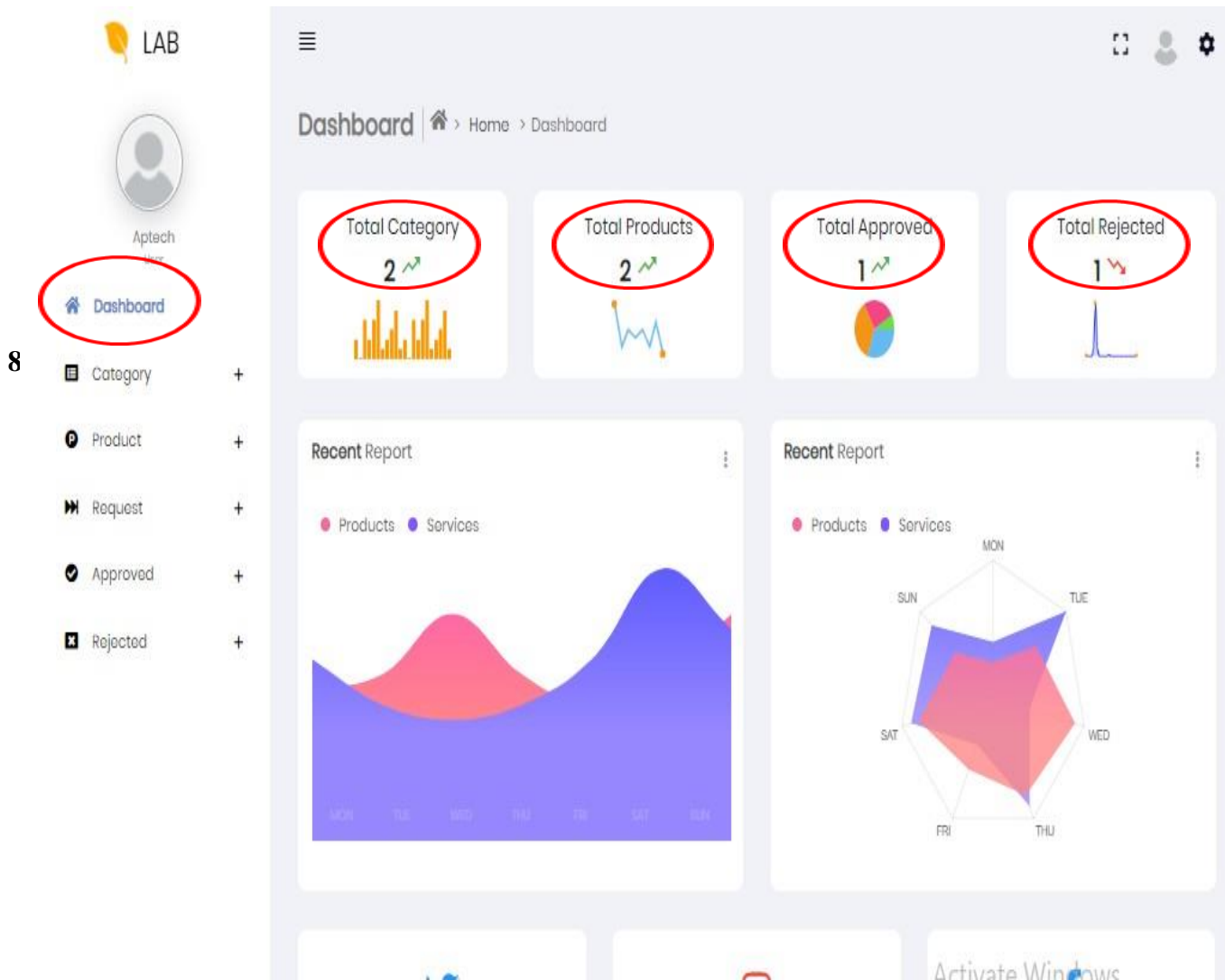
Register

[You already have a membership?](#)

Activate Windows
Go to Settings to activate Windows.

Lab Automation System

USER DASHBOARD



Lab Automation System

ADD CATEGORY



Aptech
User

[Dashboard](#)

[Category](#) +

[Product](#) +

[Request](#) +

[Approved](#) +

[Rejected](#) +



Add Category

BACK

Status



Enable



Disable

Category Name

Type Category Name Here

ADD CATEGORY

Activate Windows

Lab Automation System

ALL CATEGORY

Apps

LAB

Aptech
User

Dashboard

Category

Product

Request

Approved





Rejected

All Category

BACK

Showing 10 entries

Search:

ID	Category Name	Category Status	Actions
1	Pharmacy	Enable	 
2	Agriculture	Enable	 


Showing 1 to 2 of 2 entries


Previous 1 Next

Activate Windows
Go to Settings to activate Windows.

Lab Automation System

ADD PRODUCT

 LAB



Aptech
User

[Dashboard](#)

[Category](#) +

[Product](#) +

[Request](#) +

[Approved](#) +

[Rejected](#) +

☰

🖥️

👤

⚙️

Price

Type Price Here

Sale Price

Type Sale Price Here

Short Description

Type Short Description Here

Long Description

File Edit View Insert Format Tools Table

↶ ↷ Paragraph ▾ **B** *I* [List Icons] [Link Icon]

p

File Upload


FILE


Activate Windows

Go to Settings to activate Windows.

Lab Automation System

ALL PRODUCTS


LAB


Aptech
User

[Dashboard](#)


[Category](#) +

[Product](#) +

[Request](#) +

[Approved](#) +

[Rejected](#) +









All Products

BACK

Show 10 entries

Search:

ID	Category	Product	Code	Price	Sale	Image	Status	Actions
1	Pharmacy	Toddler	xxx	4500	3500		Enable	 
1	Agriculture	Coragan	xyz	5000	4500		Enable	 

Showing 1 to 2 of 2 entries

Previous 1 Next

Activate Windows

TESTING REQUEST

Aptech
User

Dashboard

Category

Product

Request

Approved

Rejected

Testing Request

BACK

Status

☒ Enable☐ Disable

Category Name

Pharmacy

Product Name

Toddler

Testing Request

Request

Request

File Edit View Insert Format Tools Table

Paragraph

B I

P


POWERED BY TINY

ADD REQUEST

Lab Automation System

ALL APPROVED

LAB



Aptech
User

[Dashboard](#)

[Category](#) +

[Product](#) +

[Request](#) +

[Approved](#) +

[Rejected](#) +

All Approved

BACK

Show 10 entries

Search:

ID	Category Name	Product Name	Approved
1	Pharmacy	Toddler	approved


Showing 1 to 1 of 1 entries


Previous 1 Next

Activate Windows
Go to Settings to activate Windows.

Lab Automation System

ALL REJECTED


LAB


Aptech
User

[Dashboard](#)

[Category](#) +

[Product](#) +

[Request](#) +

[Approved](#) +


[Rejected](#) +

All Rejected

BACK

Show 10 entries

Search:

ID	Category Name	Product Name	Rejected	Reason
1	Agriculture	Coragan	rejected	

Showing 1 to 1 of 1 entries

Previous

1

Next

Activate Windows

Go to Settings to activate Windows.

Lab Automation System

LOGOUT

The screenshot displays the Lab Automation System dashboard. The browser address bar shows the URL `127.0.0.1:8000/home`. The dashboard includes a sidebar with navigation links: Dashboard, Category, Product, Request, Approved, and Rejected. The main content area features four summary cards: Total Category (2), Total Products (2), Total Approved (1), and Total Rejected (1). Below these are two 'Recent Report' sections, each containing a line chart for Products and Services. The bottom of the dashboard has social media links for Twitter, Instagram, and Facebook. A red circle highlights the 'Logout' button in the top right corner of the dashboard.

127.0.0.1:8000/home

LAB

Aptech User

Dashboard

Category

Product

Request

Approved

Rejected

Dashboard

Home > Dashboard

Total Category

2

Total Products

2

Total Approved

1

Total Rejected

1

Recent Report

Products Services

Recent Report

Products Services

MON

SUN

TUE

WED

THU

FRI

SAT

SUN

Twitter

Instagram

Facebook

Logout

Random Password Generator

USER DATABASE

← → ↻ ⓘ localhost/phpmyadmin/index.php?route=/sql&server=1&db=laravelproject&table=users&pos=0 🔍 ☆ ⚙️ 👤 ⋮

📱 Apps | 📖 Reading list

phpMyAdmin

Server: 127.0.0.1 > Database: laravelproject > Table: users

🔍 Browse 📄 Structure 📄 SQL 🔍 Search 📄 Insert 📄 Export 📄 Import 📄 Privileges ⚙️ Operations 📄 Tracking 📄 More

(3 total, Query took 0.0007 seconds.)

[[Edit]] [[Explain SQL]] [[Create PHP code]] [[Refresh]]

Number of rows: 25 Filter rows: Search this table Sort by key: None

	id	name	email	email_verified_at	is_admin	password	erp_cell_number
Delete	1	Raja Hammad	raja123@gmail.com	NULL	1	\$2y\$10\$13RBA6fdMGubosus2uN.M.PE1WMFZWz05YObO2RMHqR...	03101010101
Delete	2	Aptech	aptech@gmail.com	NULL	0	\$2y\$10\$UFDJl6kZ4aXX1RouEFV2BubJoWGzlgdSYuIMwMnG2b...	NULL
Delete	3	fahad	fahad@gmail.com	NULL	0	\$2y\$10\$leQ8DlloDT6Y8XWYvCxVuY1eF18YcWP0QDefiORJ...	NULL

With selected: 📄 Edit 📄 Copy 📄 Delete 📄 Export

Number of rows: 25 Filter rows: Search this table Sort by key: None

📄 Copy to clipboard 📄 Export 📄 Display chart 📄 Create view

SQL query

☐ Let every user access this bookmark

Query

📄 Console

Activate Windows
Go to Settings to activate Windows.

Bookmarks Options History Clear

Random Password Generator

CATEGORY DATABASE

phpMyAdmin

Recent Favorites

Type to filter these, Enter to search all X

- laravelpro
- laravelproject
 - New
 - approveds
 - categories
 - dashboards
 - failed_jobs
 - migrations
 - password_resets
 - personal_access_tokens
 - products
 - profiles
 - rejecteds
 - testers
 - testings
 - testing_requests
 - users
 - user_details
- lms
- lmsphp
- mahnat
- majeed
- mydatabase
- myshopdb
- mysql
- myword
- performance_schema
- phpmyadmin

Server: 127.0.0.1 Database: laravelproject Table: categories

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking More

Showing rows 0 - 1 (2 total, Query took 0.0008 seconds.)

```
SELECT * FROM 'categories'
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

				id	erp_user_id	erp_status	erp_category_name	created_at	updated_at
<input type="checkbox"/>	Edit	Copy	Delete	3	2	1	Pharmacy	2021-10-20 11:02:35	2021-10-20 11:02:35
<input type="checkbox"/>	Edit	Copy	Delete	6	2	1	Agriculture	2021-10-20 11:15:53	2021-10-20 11:15:53

☐ Check all With selected: Edit Copy Delete Export

☐ Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Label: ☐ Let every user access this bookmark

Bookmark this SQL query

Activate Windows
Go to Settings to activate Windows.

Console Bookmarks Options History Clear

