

JANE NDUTA KAMAU - PORTFOLIO

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About Me

I am a passionate developer with experience in building functional and user-friendly systems using Python, PHP, and WordPress. I enjoy solving problems through technology and have completed several personal and group projects that showcase my technical skills, creativity, and ability to deliver real solutions.

Core Skills:

- Python (Flask, Django basics)
- PHP and WordPress (Theme Customization, Plugins)
- HTML, CSS, JavaScript
- MySQL Database Management
- API Integration
- Problem-Solving and Debugging

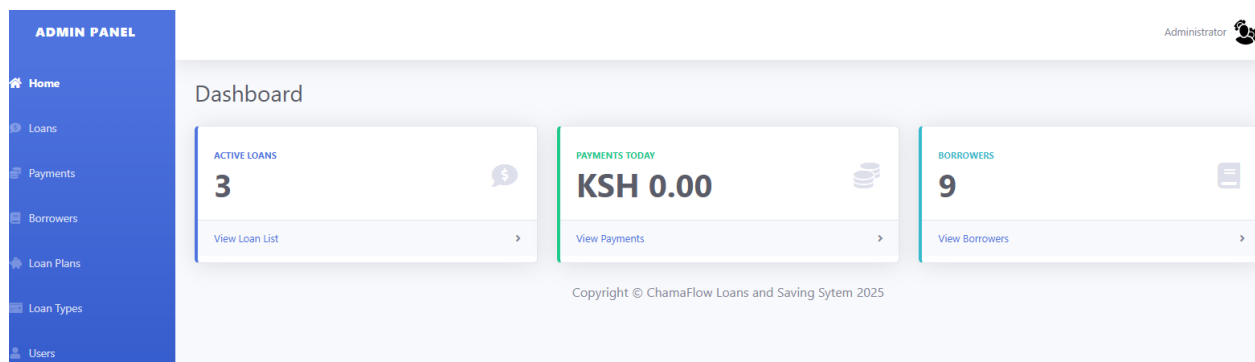
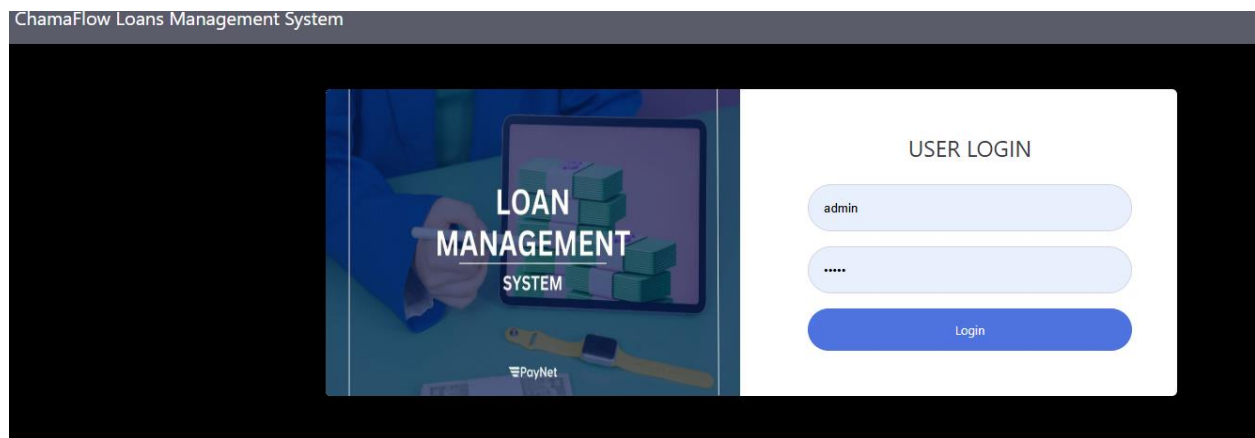
PROJECT 1:

1. Chamaflow Loans Management System

- **Description:** A loan management system for small savings groups (chamas). Allows admins to track member contributions, approve loans, and manage repayments.
- **Tech Used:** JavaScript, MySQL, HTML, CSS
- **My Role:** Designed database structure, built backend logic, and integrated UI forms.

Key Features:

- Patient appointment booking system
- Admin panel for managing doctors & services
- Mobile-responsive design



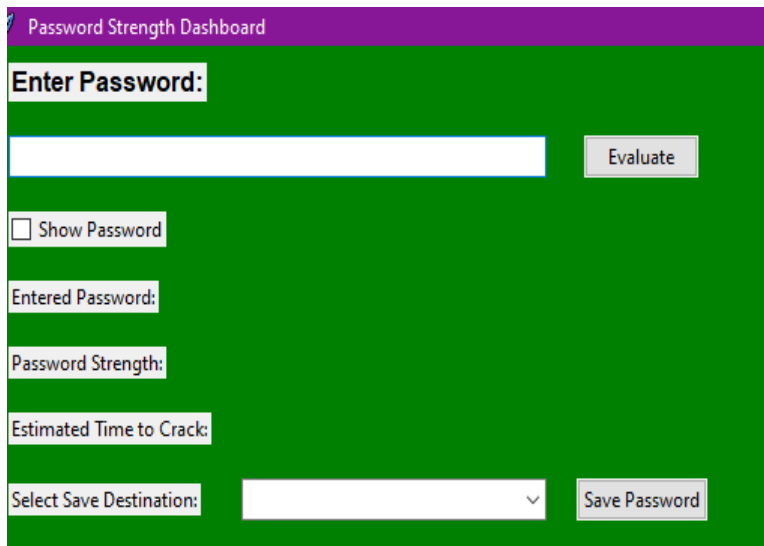
PROJECT 2:

2. Password Strength Checker

- **Description:** A security tool that analyzes and scores passwords based on length, complexity, and common patterns.
- **Tech Used:** Python
- **My Role:** Developed logic to analyze passwords and give user-friendly feedback.

Key Features:

- Real-time feedback
- Color-coded strength meter
- Suggestions for stronger passwords



The screenshot shows a web application titled "Password Strength Dashboard" with a purple header. The main interface has a green background and contains the following elements:

- Enter Password:** A label above a white text input field.
- Evaluate:** A button to the right of the password input field.
- Show Password:** A checkbox with the label "Show Password".
- Entered Password:** A label above a white text area.
- Password Strength:** A label above a white text area.
- Estimated Time to Crack:** A label above a white text area.
- Select Save Destination:** A label above a white dropdown menu.
- Save Password:** A button to the right of the dropdown menu.

Enter Password:

Evaluate

☐ Show Password

Entered Password: QWERTY123#

Password Strength: Strong

Estimated Time to Crack: 311.70 days

Select Save Destination:

Email

Save Password

Favorite Animal:

Dog

Favorite Color:

Blue

Submit 2FA

 2FA Successful ✕

 Two-factor authentication complete!

OK

PROJECT 3:

3. Lucky Medical Center

- **Description:** A clinic management system for patient registration, appointment scheduling, and medical record keeping.
- **Tech Used:** JavaScript, MySQL, HTML, CSS
- **My Role:** Created backend APIs, designed database, and implemented the appointment scheduling logic.

Key Features:

- Patient appointment booking system
- Admin panel for managing doctors & services
- Mobile-responsive design

Sign Up ×

First Name

Last Name

Your Email

Your IC Number

Password

Confirm Password

Birth Date

Month ▼ Day ▼ Year ▼

Gender ☐ Male ☐ Female

By clicking Create my account, you agree to our Terms and that you have read our Data Use Policy, including our Cookie Use.

CREATE MY ACCOUNT

Already have an account? [Login](#)

IC Number

Password

SIGN IN

Appointment is being made.

Your appointment list.

List of Appointment						
Doctor Name	Patient IC	Patient Name	Schedule Date	Start Time	Symptom	Patient History
Paul Karanja	2290	Kamau Mary	2024-04-01	10:04	Headache	Mental Disorder

Table	Action	Rows
admin	Browse Structure Search Insert Empty Drop	6
appointment	Browse Structure Search Insert Empty Drop	10
doctor	Browse Structure Search Insert Empty Drop	1
doctors_list	Browse Structure Search Insert Empty Drop	6
doctors_schedule	Browse Structure Search Insert Empty Drop	23
medical_specialty	Browse Structure Search Insert Empty Drop	8
patient	Browse Structure Search Insert Empty Drop	11
7 tables	Sum	65