

Login & Loan Application System Overview

Python Tkinter app for user login, sign up, and loan applications.

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User Authentication



Sign In

Check username and password from datasheet.txt



Sign Up

Create account with username and password confirmation



Error Handling

Show error if invalid credentials or mismatched passwords

Sign Up Interface

Input Fields

- Username
- Password
- Confirm Password

Features

- Placeholder text and focus events
- Validation on password match
- Success message on sign up



Loan Application Form



Fields

Applicant Name, Age, Monthly
Income, Loan Amount



Loan Types

Home, Car, Personal,
Education



Validation

Age limits, positive income
and loan amount, income
minimums

Application Submission & Validation

Input Checks

Age 18-65, positive income and loan amount

Income Minimums

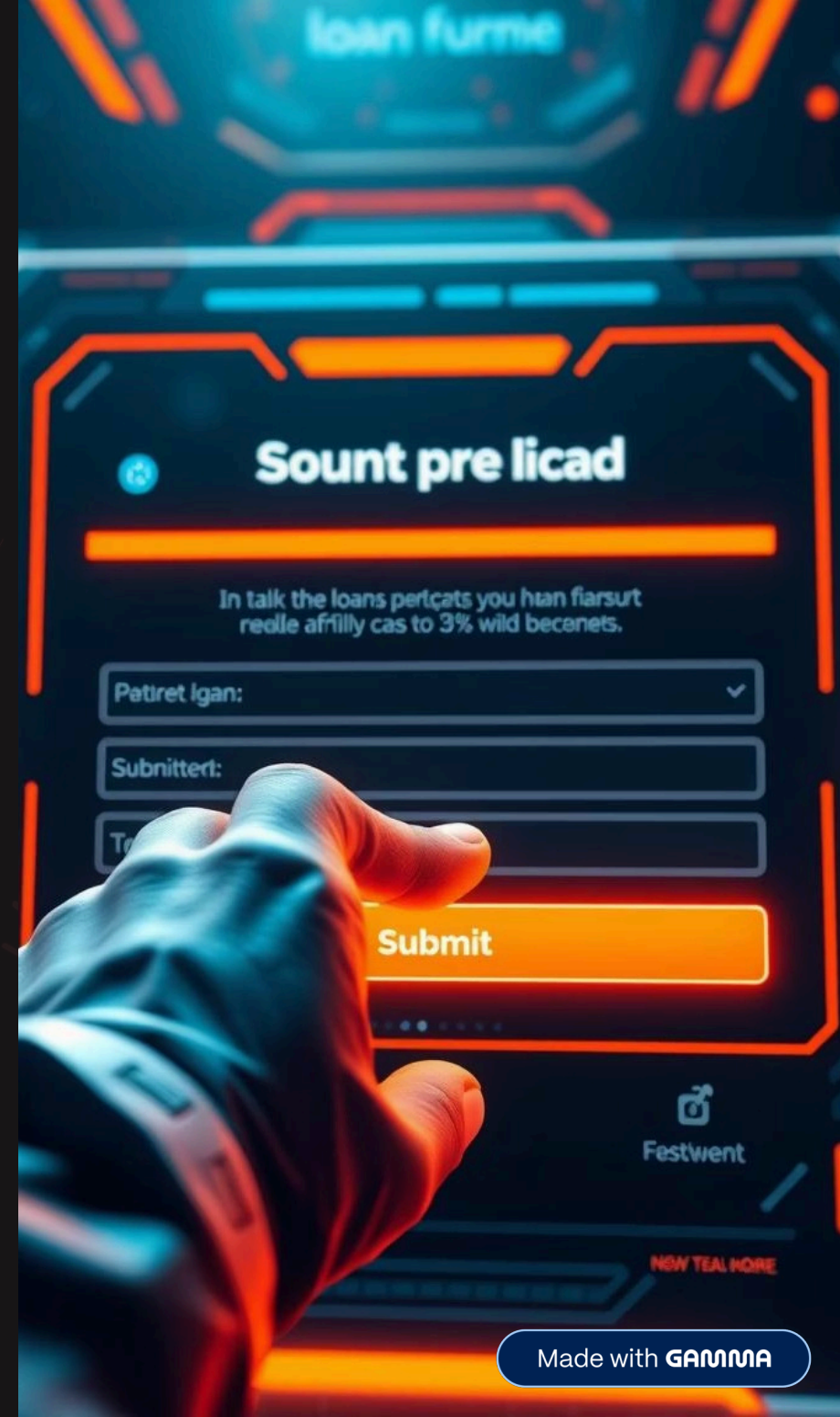
Varies by loan type, enforced before submission

Loan Limit

Loan amount max 20x monthly income

Feedback

Error messages or success confirmation



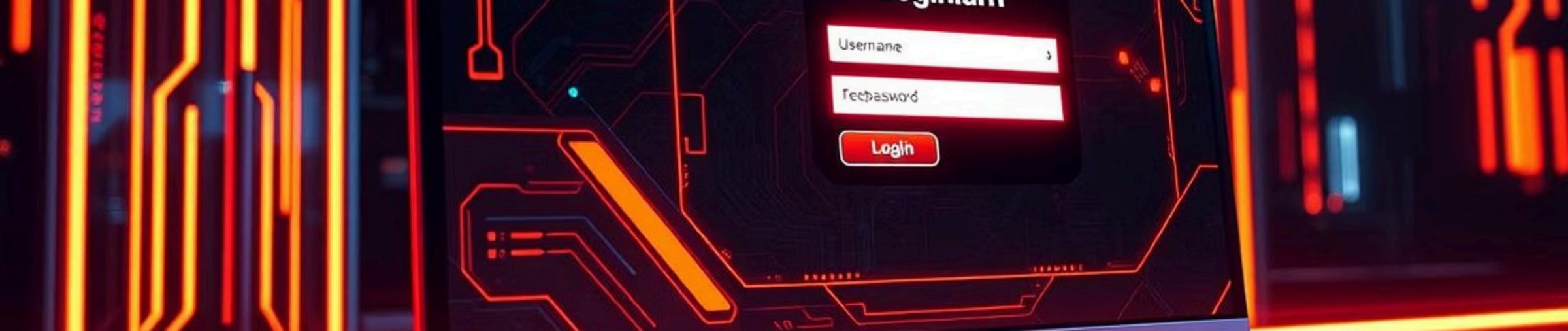
Viewing Loan Applications

Summary Page

Displays all submitted loan applications

Features

- Scrollable text area
- Read-only display
- Close button to exit



Main Login Window UI

1

Username Entry

Placeholder and focus
events

2

Password Entry

Masked input with
placeholder

3

Sign In Button

Triggers authentication

4

Sign Up Link

Opens sign up window



Summary & Next Steps

User Management

Secure login and registration

Loan Processing

Validated application form

Data Storage

Users and applications saved to files

Future Enhancements

Improve UI and add database support