

Social Network



→ idee: aplicație pt PenPals

- vorbesti cu oameni din lume prin chat

Funcționalități de bază (cerințe funcționale):

- Gestiunea utilizatorilor: operații CRUD (pt a avansa mai rapid propun să citim acești utilizatori, inițial dintr-un fisier csv.)
- Gestiunea relațiilor de prietenie între utilizatori: adăugare/ștergere prieten
- Determinarea comunității din care face parte un anumit utilizator (componenta conexă a rețelei care conține utilizatorul respectiv)
- Gestiunea mesajelor: trimitere/ștergere mesaj
- Adaugarea unui obiect de tipul Page
- Gestiunea evenimentelor: se va implementa şablonul Observer pentru notificări, abonare/dezabonare la un eveniment;
- Autentificare: logare/delogare
- Vizualare istoric evenimente pe o anumită perioadă calendaristică
- Vizualizare istoric utilizator pe o anumită perioadă calendaristică

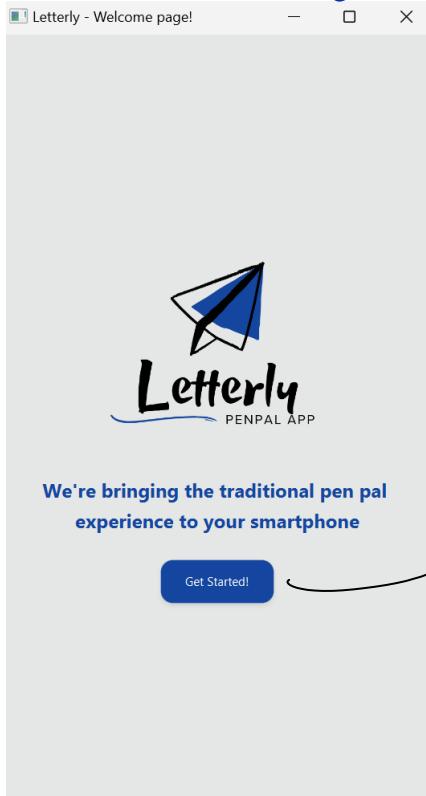
Obs. Vor mai fi adăugate și alte cerințe pe parcurs; aveți posibilitatea să contribuiți și voi la completarea acestei liste.

Paletă de culori:



Aplicația pe care am făcut schitele inițiale:
Canva

Welcome Page:



A screenshot of a computer window titled "Login". The window features the Letterly logo at the top left. The main area has a dark blue background with white text. It says "Log In:" at the top, followed by "Welcome back!" in large white letters. Below that are two input fields: "Username" with "am" typed in, and "Password" with three dots "...". At the bottom is a blue "Login" button.

Home Page - Main Page

The screenshot shows a desktop application window titled "Home Page". The interface is primarily blue and white.

- Notifications:** A blue button labeled "Notifications" is at the top right. A handwritten note next to it says "buton notificări".
- PenPals:** A section titled "PenPals" contains a list of names in two columns. A handwritten note next to it says "pentru pe care îl ai să-l dia".

Florina	Filip
Cristian	Moga
Ramona	Moga
Cristina	Matiu
Emanuel	Negru

- Friend Requests:** A blue button labeled "Friend Requests" is in the center. A handwritten note next to it says "deschide window".
- Add Friend:** A blue button labeled "Add Friend" is below the "Friend Requests" button. A handwritten note next to it says "deschide window".
- Remove Friend:** A blue button labeled "Remove Friend" is below the "Friend Requests" button. A handwritten note next to it says "pt delete friend: selectăzi un utilizator + push „remove friend”".
- Chat:** A white rectangular area labeled "Chat" is located at the bottom. A handwritten note next to it says "pt Chat: selectăzi un utilizator + push „Chat”".

Add Friend:

The screenshot shows a window titled "Add Friend". At the top right is a "Letterly" logo. Below it is a message: "neu zu mir im friend Requests mich im Friends". A callout bubble points from this message to the text "Add your new PenPals!" located below the table. The table has columns: "Username", "First Name", and "Last Name". The data is as follows:

Username	First Name	Last Name
at	Antonia	T
dr	Dana	Rusu
ana	Ana	Popescu
mi	Mihai	Pop

At the bottom are "Previous" and "Next" buttons, and a large "Add Friend" button.

Friend Requests:

The screenshot shows a window titled "Friend Requests". The main title is "Connect with new penpals". Below it is a table with columns: "Username", "First Name", and "Last Name". There is one entry: "dl", "Daria", "Lazar". At the bottom are "Accept" and "Decline" buttons.

Notifications:

The screenshot shows a window titled "Home Page". The "Notifications" tab is selected. The message "Welcome, Antonia!" is displayed. A callout bubble points from the text "You have unanswered friend requests. Check them out!" to the text "2 optium" above the "Friend Requests" button. The "Friend Requests" button is highlighted in blue. Below it are "Add Friend" and "Remove Friend" buttons. At the bottom is a "Chat" button.

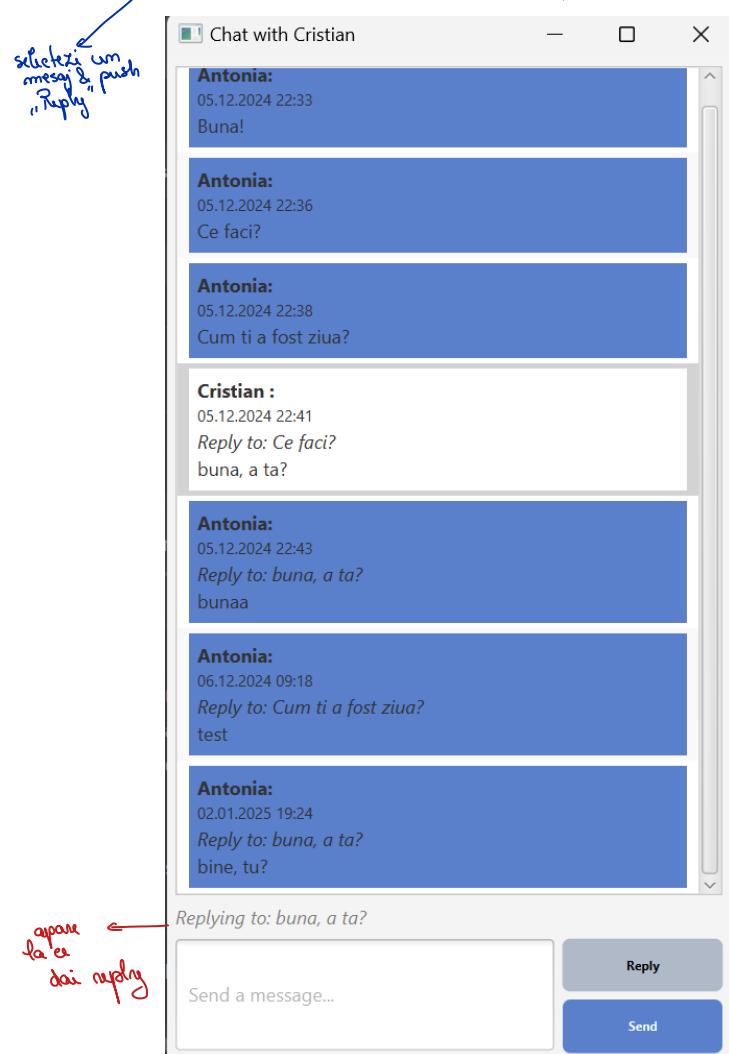
The screenshot shows a window titled "Home Page". The "Notifications" tab is selected. The message "Welcome, Dana!" is displayed. The "Friend Requests" section shows "No new friend requests." Below it are "Friend Requests", "Add Friend", and "Remove Friend" buttons. At the bottom is a "Chat" button.

Chat :

Simplu:



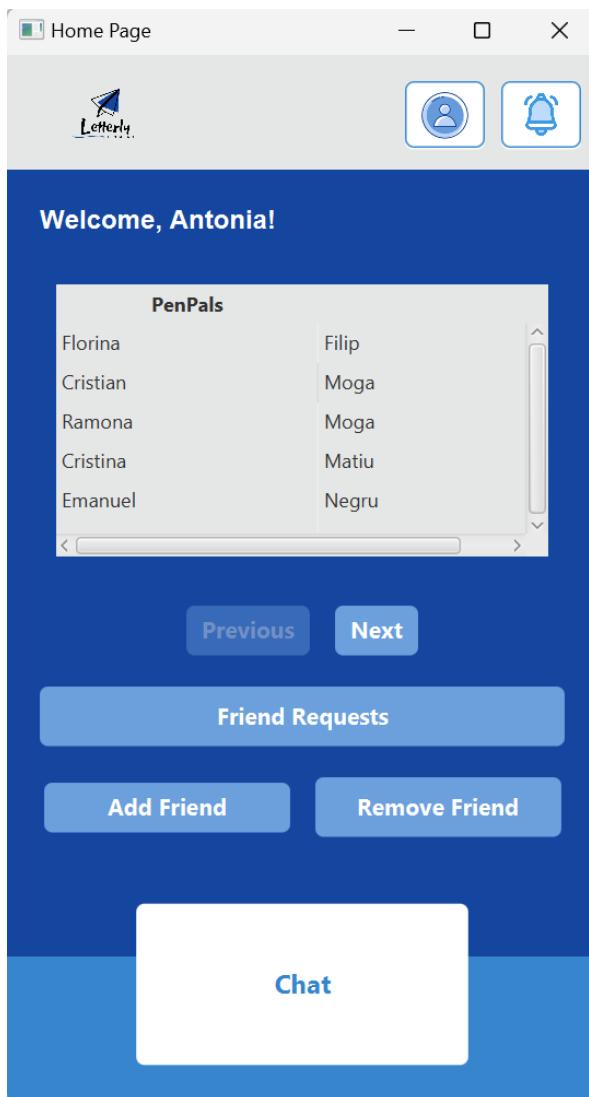
Când e selectat un mesaj pt reply:



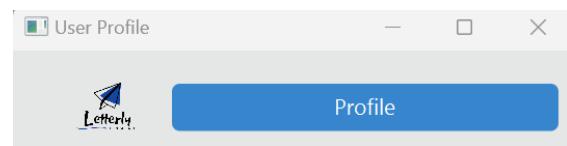
Labonator 11

Cerinte funcționale:

- 1) Autentificarea utilizatori (Login) → parole hashuite
- 2) GUI : Pagină de profil



→ am modificat Home Page:
2 butoane: Profile & Notifications
| deschide :



About me:

Tech geek | UBB Computer Science | "Code your future."

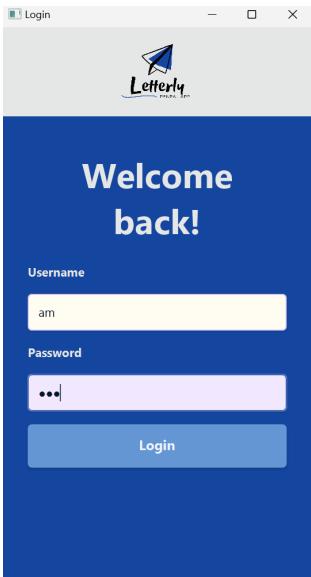
PenPals: 7

From:

Oradea, Romania

1) **Login:** parolele hash-wize cu SHA-256

→: textul introdus în text field se criptază cu SHA-256 și se verifică egalitatea cu varianta criptată din DB



GUI: Profile

User Profile

Profile

Sienna Evans
@sienna.evans

About me:
Fashionista | Stanford English & Political Science
| "Your voice is your power"

PenPals: 4

From:
New York City, New York, USA

→ first name + last name
→ @username

→ Bio salvată în BD

→ numărări prietenii

→ salvat în BD