Question: Build a Simple Bank System

You are tasked with implementing a banking system in JavaScript. This system must include the following features:

User Registration
- Allow users to register with a unique username and password.
- Use arrays or objects to store user data, including their balance.

Login/Logout System
- Allow users to log in using their username and password.
- Display a personalized welcome message upon successful login.
- Include a "Logout" button to allow users to log out manually.

Account Management
- Allow users to:
    - View their current balance.
    - Deposit money (credit).
    - Withdraw money (debit), ensuring they cannot withdraw more than their balance.

Session Timeout
- After 2 minutes, automatically log the user out and redirect them to the login page.

Data Persistence
- Use the browser's localStorage to persist user data, including balances and login state, across sessions.

Dynamic DOM Manipulation
- Use DOM manipulation to dynamically display the user interface based on the current state (e.g., login page, dashboard, etc.).

Requirements
- Use JavaScript arrays, strings, map, filter, and reduce as appropriate to handle data.
- Implement efficient data validation for user input (e.g., check if a username is unique during registration).

- Provide a clean and interactive user interface with responsive DOM updates.
- Use pure function

Bonus
- Add a transaction history feature, allowing users to view their last 5 transactions (credit/debit) with timestamps.