taskDay18: Digital Egypt Pioneers Initiative (DEPI)

Enhancing User Experience with localStorage

**Objective:**

Build a personalized user experience by utilizing localStorage to remember user preferences and settings. The task involves creating a specific webpage with the following features:

**Page Requirements:**

1. **Login Page:**
   * Create a login page with input fields for username and password.
   * Add a "Remember Me" checkbox next to the login button.
   * When the user logs in and checks "Remember Me," store the username in localStorage.
   * On future visits, automatically fill in the username field if it was saved in localStorage.
2. **Profile Settings Page:**
   * Create a profile settings page where users can customize their preferences:
     + **Theme Mode:** Add options for "Light Mode" and "Dark Mode."
     + **Font Size:** Allow users to choose between different font sizes (e.g., Small, Medium, Large).
     + **Language Preference:** Provide language options (e.g., English, Arabic).
   * When the user changes any of these settings, save them in localStorage.
   * Apply the user’s saved preferences immediately and ensure they are persisted across sessions.
3. **Welcome Back Message:**
   * Display a welcome back message that includes the last visit date and time, stored in localStorage.
   * This message should appear when the user logs in again, based on the data saved from the previous session.
4. **To-Do List Page:**
   * Create a to-do list where users can add, edit, and delete tasks.
   * Store the to-do list items in localStorage so that they persist across sessions.
5. **First Visit Notification:**
   * Implement a notification that appears only on the user's first visit, guiding them on how to use the new features. Store a flag in localStorage to ensure this message doesn't appear on subsequent visits.
6. **Theme and Language Switching:**
   * On the profile settings page, implement buttons or toggles to switch between Light/Dark mode and change the language.
   * These changes should be saved in localStorage and applied on all future visits.

**Expected Output:**

* **Login Page:** Automatically fill in the username if "Remember Me" was selected during the last session.
* **Profile Settings Page:** User preferences for theme, font size, and language are applied immediately and persist across sessions.
* **Welcome Back Message:** Display the last visit date and time after login.
* **To-Do List Page:** Tasks remain saved and accessible between sessions.
* **Theme and Language Switching:** Users can switch themes and languages, and these preferences persist across sessions.

**Extra Points:**

* Add a reset button on the profile settings page to clear all localStorage data and reset the page to its default settings.

**Submission:**

* Submit your HTML/JS files along with a brief description of how your project works, focusing on how you used localStorage to enhance the user experience.