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Study Session Planner - Documentation

Application Functionality

Overview

The Study Session Planner is a simple web application that helps students organize group study sessions. It allows users to:

1. **Create Study Sessions**:
   * Name your study session (e.g., "Math Final Review")
   * Set a date and time for the session
   * Add multiple tasks to complete during the session
2. **Manage Sessions**:
   * View all upcoming sessions in chronological order
   * Delete sessions you no longer need
   * Track task completion by checking them off
3. **Data Persistence**:
   * All sessions are saved in your browser's local storage
   * Sessions remain even after closing and reopening the browser

Technical Details

* **Frontend Only**: No server or database required
* **Responsive Design**: Works on phones, tablets, and computers
* **Simple Storage**: Uses browser's localStorage to save your data

Usage Instructions

Creating a Study Session

1. In the left panel, fill out the form:
   * **Session Name**: Give your session a descriptive name
   * **Date**: Click the calendar icon to select a date
   * **Time**: Click the clock icon to set a time
   * **Tasks**: List what you need to study, separated by commas
     + Example: "Review chapter 1, Solve practice problems, Make flashcards"
2. Click the blue "Create Session" button

Managing Sessions

* **View Sessions**: All your sessions appear in the right panel, sorted by date
* **Complete Tasks**: Check the boxes next to tasks as you finish them
* **Delete Sessions**: Click the red "×" button to remove a session

Tips

* Plan ahead by creating sessions for your entire study week
* Break big topics into smaller tasks (e.g., "Chapter 1" instead of "Entire textbook")
* Use the task completion checkboxes to track your progress

Setup Process

For Users

1. Download these three files to the same folder:
   * index.html
   * style.css
   * script.js
2. Open index.html in any modern web browser:
   * Chrome, Firefox, Edge, or Safari
   * Does not require internet connection after setup

For Developers

1. **Prerequisites**:
   * Basic text editor (VS Code, Notepad++, Sublime Text)
   * Modern web browser
2. **Installation Steps**:
   * Create a new folder for the project
   * Create three empty files:
     + index.html
     + style.css
     + script.js
   * Write the respective code into each file
3. **Running the Application**:
   * Simply open index.html in your browser
   * No additional servers or installations needed
4. **Modifying the Code**:
   * Edit style.css to change colors and layout
   * Edit script.js to add new features
   * Edit index.html to change the structure

Troubleshooting

* If sessions don't save: Ensure your browser allows localStorage
* If layout looks wrong: Check all three files are in the same folder
* If checkboxes don't work: Try refreshing the page