***Momentum***

***"Build your streak, build your life."***

**1. User Management**

* **User Profile:**
  + Allow users to set and edit their profile (name, avatar, motivational tagline).
  + Display the profile information at the top of the dashboard.
  + Store the profile data in localStorage and retrieve it on page load.
* **Personal Statistics:**
  + Show user-specific stats like total habits created, streak count, and badges earned.
  + Provide an overview of progress (e.g., “You’ve maintained a streak for 10 days!”).

**2. Habit Management**

* **Add New Habits:**
  + Provide a form for users to add habits with details like name, description, frequency (daily/weekly), and reminders.
  + Save habits as a list of objects in localStorage.
* **Edit/Delete Habits:**
  + Allow users to update habit details or delete habits they no longer wish to track.
  + Reflect changes immediately on the UI and update localStorage.
* **Pause/Resume Habits:**
  + Enable users to temporarily pause habits without losing their streaks.

**3. Habit Tracking**

* **Mark Habit as Complete:**
  + Provide checkboxes or buttons to mark habits as complete for the day/week.
  + Update streak counts and save completion dates in localStorage.
* **Calendar View:**
  + Display a visual calendar for each habit to show completion history.
* **Streak Tracking:**
  + Automatically update streaks based on habit completion.

**4. Analytics and Insights**

* **Visual Reports:**
  + Show weekly/monthly habit completion stats using charts (bar charts, pie charts, or heatmaps).
  + Highlight trends (e.g., “You’re most consistent on Mondays!”).
* **Habit Insights:**
  + Provide habit-specific insights, such as longest streak or consistency percentage.

**5. Gamification**

* **Badges and Rewards:**
  + Unlock badges for milestones like maintaining a 7-day streak or completing 50 habits.
  + Display earned badges in a gallery.
* **Points System:**
  + Reward users with points for completing habits and maintaining streaks.
  + Show total points in the user profile.

**6. Notifications and Reminders**

* **Daily Reminders:**
  + Notify users to complete their habits for the day via browser alerts.
* **Missed Habit Alerts:**
  + Notify users if they miss marking a habit on time.

**7. Social Features (Optional)**

* **Friend System:**
  + Allow users to add friends and view their progress (shared streaks or habits).
* **Leaderboards:**
  + Rank users based on streaks or total points.

**8. Customization**

* **Themes:**
  + Offer unlockable themes (e.g., dark mode, pastel mode) for personalization.
* **Habit Categories:**
  + Organize habits into categories like Health, Productivity, Fitness, etc.

**9. Accessibility**

* **Responsive Design:**
  + Ensure the site is usable on desktop, tablet, and mobile devices.
* **Language Support:**
  + Allow users to choose their preferred language for the interface.

**10. Data Management**

* **Data Storage:**
  + Use localStorage to save all user data, including:
    - Profile details
    - Habit list
    - Completion dates and streaks
    - Earned badges and points
* **Offline Support:**
  + Ensure the app works seamlessly offline by retrieving and saving data locally.

**11. Export/Import Data (Optional)**

* **Export Data:**
  + Allow users to download their progress as a JSON file.
* **Import Data:**
  + Provide an option to upload the JSON file to restore progress.

**12. Admin Panel (Optional)**

* Manage public challenges and leaderboards.
* Update or reset milestones and rewards.

**User Interface (UI) Overview**

1. **Home Dashboard:**
   * Displays a summary of user stats, ongoing habits, and progress charts.
2. **Habit Management Page:**
   * Lists all habits with options to add, edit, delete, or pause them.
3. **Analytics Page:**
   * Visual charts and insights about user habits and performance.
4. **Profile Page:**
   * Allows editing profile details and viewing badges or rewards.
5. **Settings Page:**
   * Provides options for theme customization, language settings, and data export/import.

**Why This Works Without Backend**

* All user data is stored locally in the browser using localStorage, enabling offline functionality.
* Features like profile management, habit tracking, and analytics work seamlessly without requiring server-side support.