FinFit

Group 8 AI Generated Contribution:

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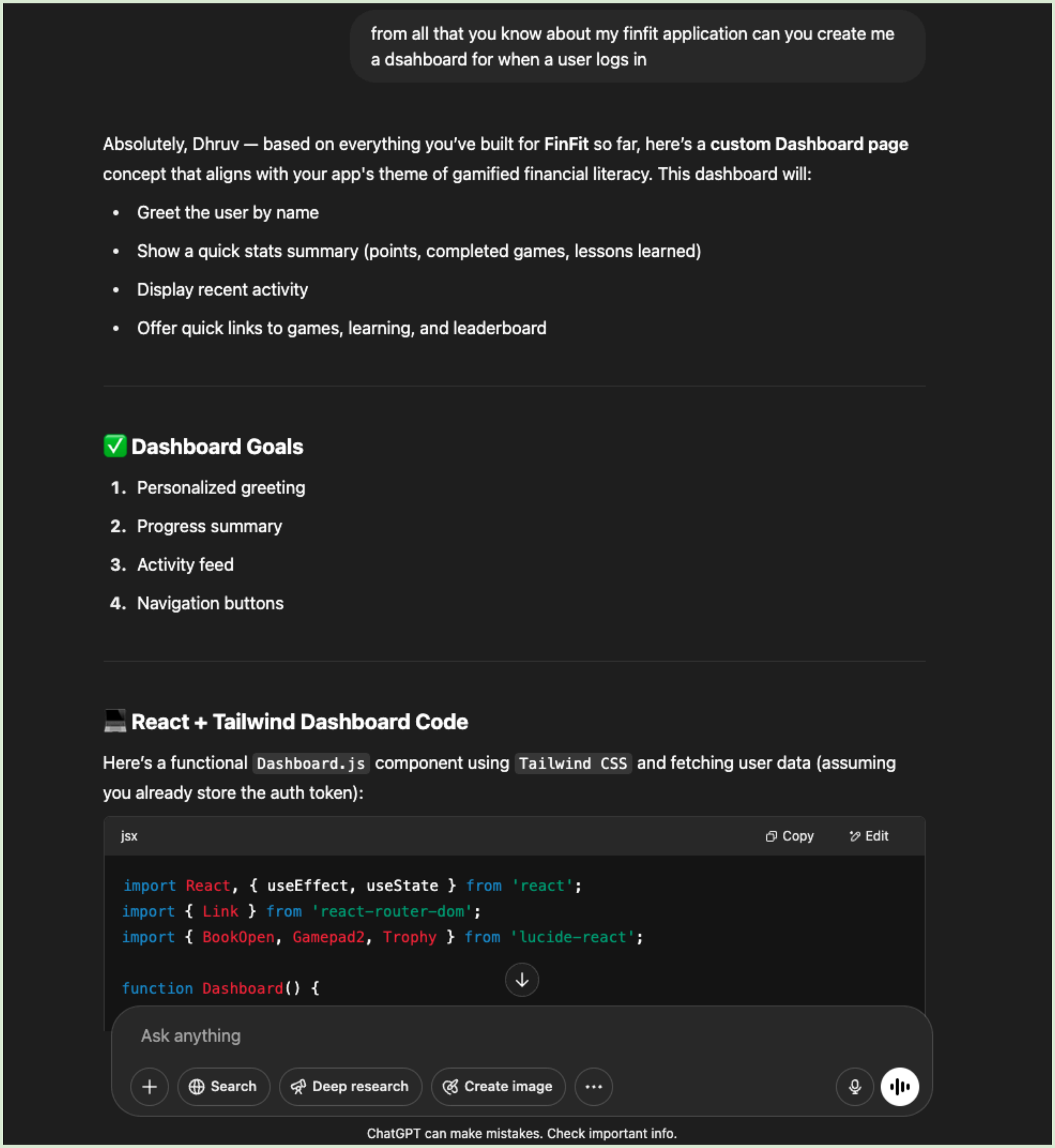
AI Generated Contribution

Objective:

The FinFit application utilized ChatGPT-4 to assist in the creation of the dashboard page. ChatGPT was provided with base code from another existing page to maintain consistent styling across the application. Additionally, the Games page was used as a structural reference for the new dashboard. Based on these inputs, ChatGPT generated the necessary components and layout to develop a functional and visually cohesive dashboard page tailored to the application's requirements.

Chat Gpt Conversation



from all that you know about my finfit application can you create me a dsahboard for when a user logs in

Absolutely, Dhruv — based on everything you've built for **FinFit** so far, here's a **custom Dashboard page** concept that aligns with your app's theme of gamified financial literacy. This dashboard will:

- Greet the user by name
- Show a quick stats summary (points, completed games, lessons learned)
- Display recent activity
- Offer quick links to games, learning, and leaderboard

✅ Dashboard Goals

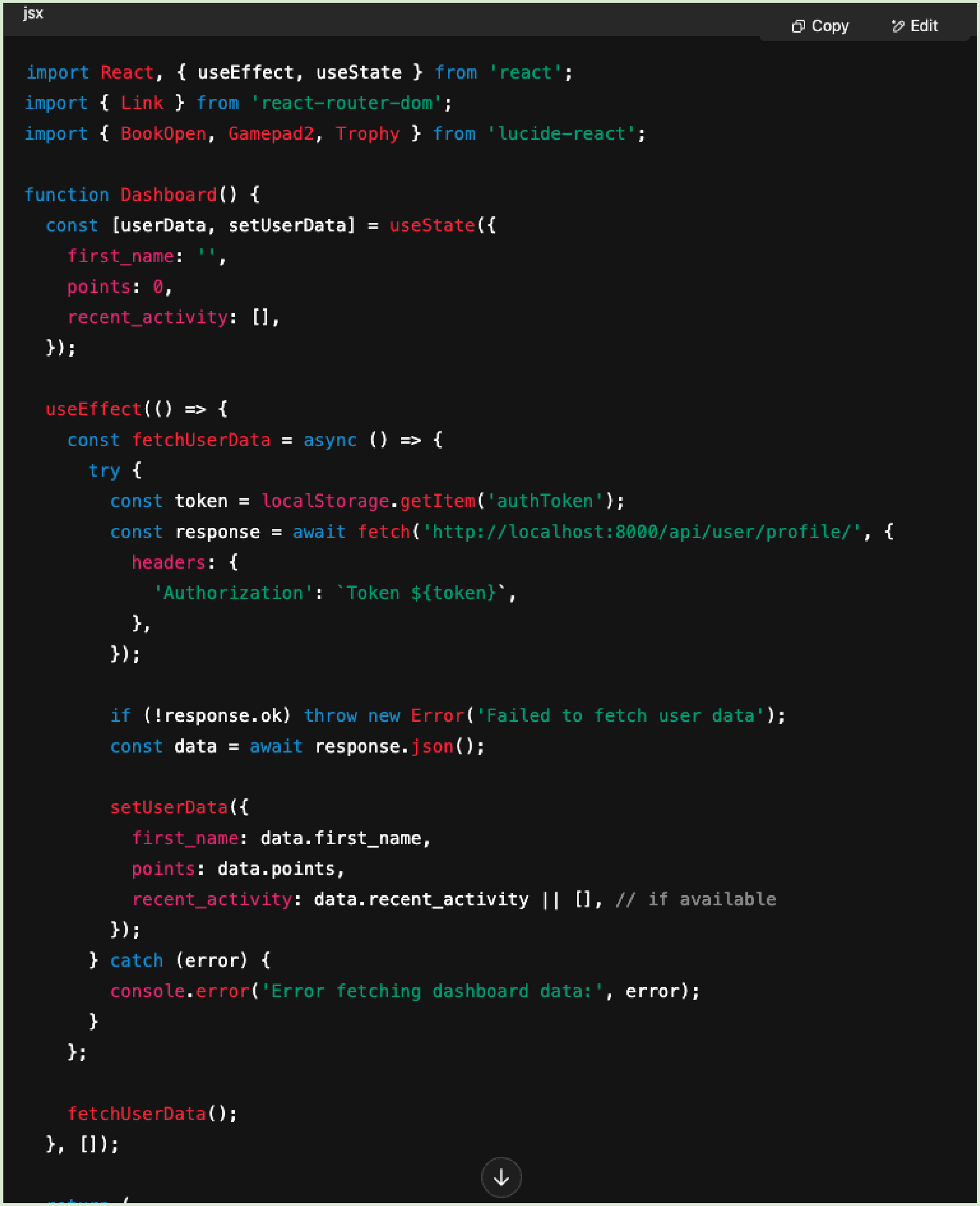
1. Personalized greeting
2. Progress summary
3. Activity feed
4. Navigation buttons

💻 React + Tailwind Dashboard Code

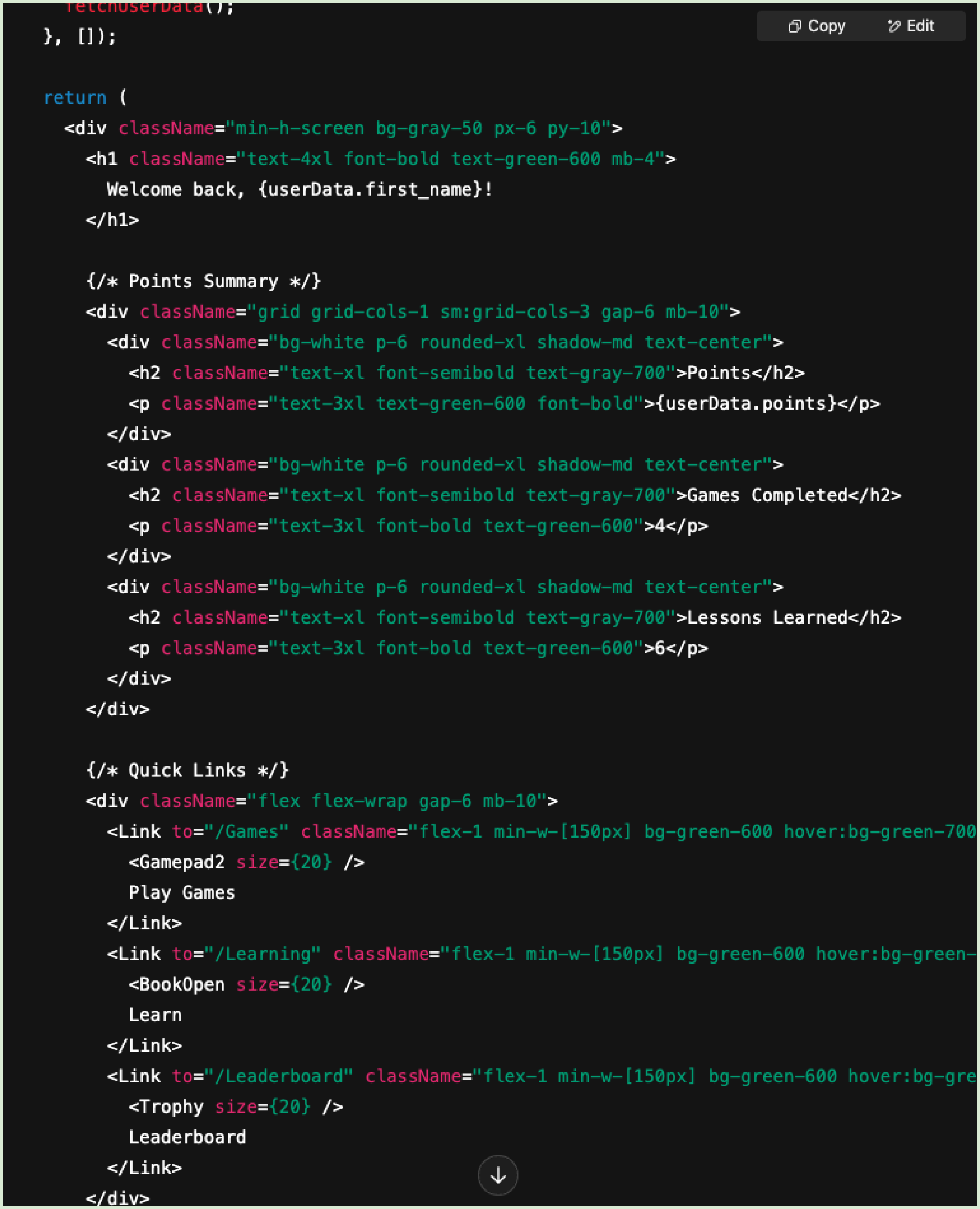
Here's a functional `Dashboard.js` component using `Tailwind CSS` and fetching user data (assuming you already store the auth token):

```jsx
import React, { useEffect, useState } from 'react';
import { Link } from 'react-router-dom';
import { BookOpen, Gamepad2, Trophy } from 'lucide-react';

function Dashboard() {
```

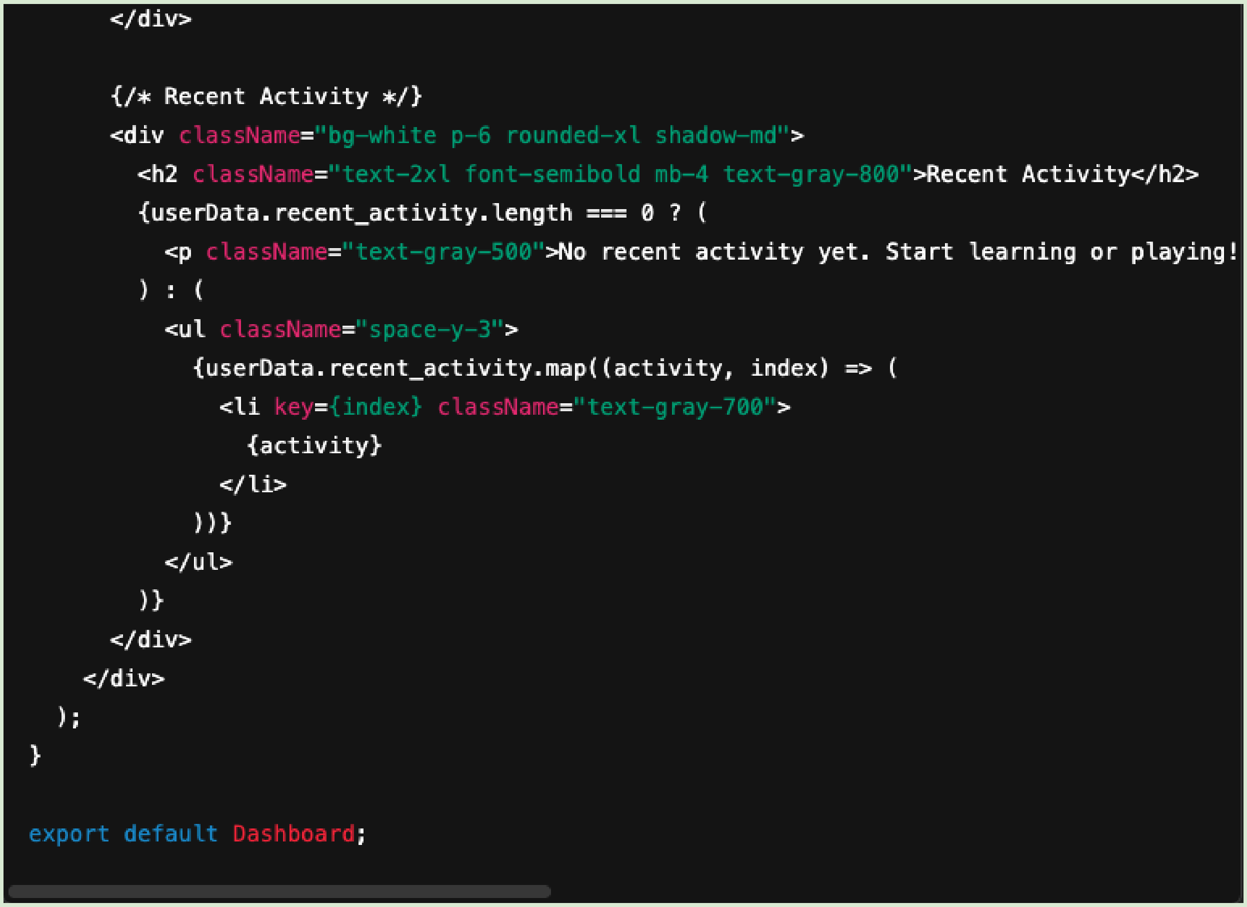
ChatGPT can make mistakes. Check important info.



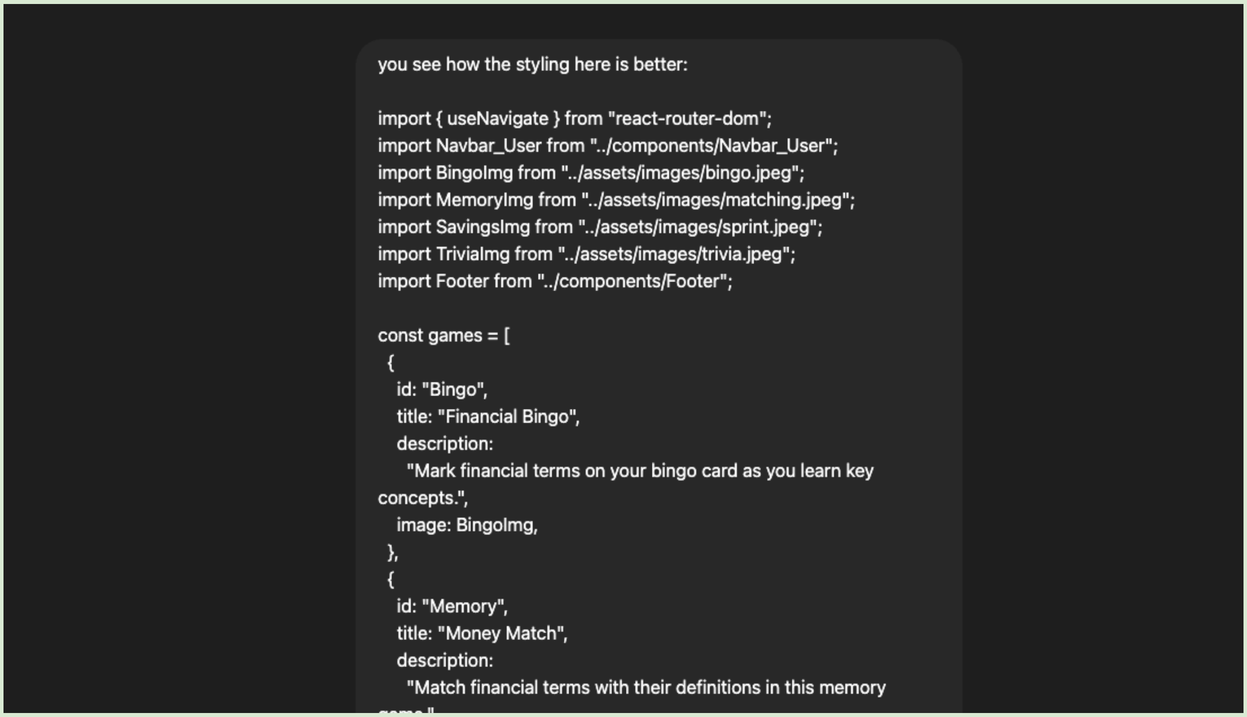
```jsx
import React, { useEffect, useState } from 'react';
import { Link } from 'react-router-dom';
import { BookOpen, Gamepad2, Trophy } from 'lucide-react';

function Dashboard() {
  const [userData, setUserData] = useState({
    first_name: '',
    points: 0,
    recent_activity: [],
  });

  useEffect(() => {
    const fetchUserData = async () => {
      try {
        const token = localStorage.getItem('authToken');
        const response = await fetch('http://localhost:8000/api/user/profile/', {
          headers: {
            'Authorization': `Token ${token}`,
          },
        });

        if (!response.ok) throw new Error('Failed to fetch user data');
        const data = await response.json();

        setUserData({
          first_name: data.first_name,
          points: data.points,
          recent_activity: data.recent_activity || [], // if available
        });
      } catch (error) {
        console.error('Error fetching dashboard data:', error);
      }
    };

    fetchUserData();
  }, []);

  return (
```



```
    fetchUserData();
  }, []);

  return (
    <div className="min-h-screen bg-gray-50 px-6 py-10">
      <h1 className="text-4xl font-bold text-green-600 mb-4">
        Welcome back, {userData.first_name}!
      </h1>

      {/* Points Summary */}
      <div className="grid grid-cols-1 sm:grid-cols-3 gap-6 mb-10">
        <div className="bg-white p-6 rounded-xl shadow-md text-center">
          <h2 className="text-xl font-semibold text-gray-700">Points</h2>
          <p className="text-3xl text-green-600 font-bold">{userData.points}</p>
        </div>
        <div className="bg-white p-6 rounded-xl shadow-md text-center">
          <h2 className="text-xl font-semibold text-gray-700">Games Completed</h2>
          <p className="text-3xl font-bold text-green-600">4</p>
        </div>
        <div className="bg-white p-6 rounded-xl shadow-md text-center">
          <h2 className="text-xl font-semibold text-gray-700">Lessons Learned</h2>
          <p className="text-3xl font-bold text-green-600">6</p>
        </div>
      </div>

      {/* Quick Links */}
      <div className="flex flex-wrap gap-6 mb-10">
        <Link to="/Games" className="flex-1 min-w-[150px] bg-green-600 hover:bg-green-700
          <Gamepad2 size={20} />
          Play Games
        </Link>
        <Link to="/Learning" className="flex-1 min-w-[150px] bg-green-600 hover:bg-green-
          <BookOpen size={20} />
          Learn
        </Link>
        <Link to="/Leaderboard" className="flex-1 min-w-[150px] bg-green-600 hover:bg-gre
          <Trophy size={20} />
          Leaderboard
        </Link>
      </div>
```

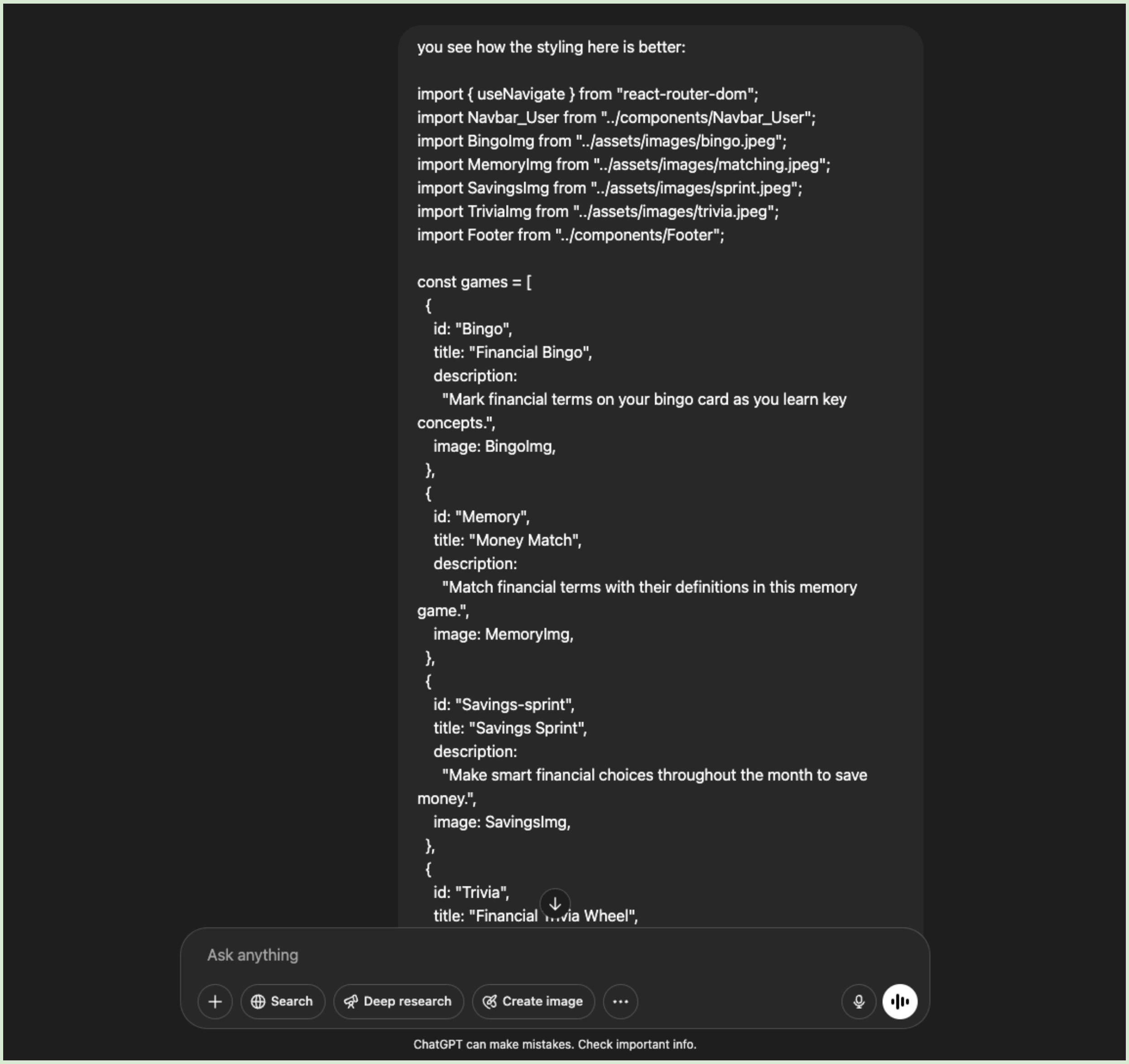


```
        </div>

        {/* Recent Activity */}
        <div className="bg-white p-6 rounded-xl shadow-md">
          <h2 className="text-2xl font-semibold mb-4 text-gray-800">Recent Activity</h2>
          {userData.recent_activity.length === 0 ? (
            <p className="text-gray-500">No recent activity yet. Start learning or playing!
          ) : (
            <ul className="space-y-3">
              {userData.recent_activity.map((activity, index) => (
                <li key={index} className="text-gray-700">
                  {activity}
                </li>
              ))}
            </ul>
          )}
        </div>
      </div>
    );
  }

export default Dashboard;
```



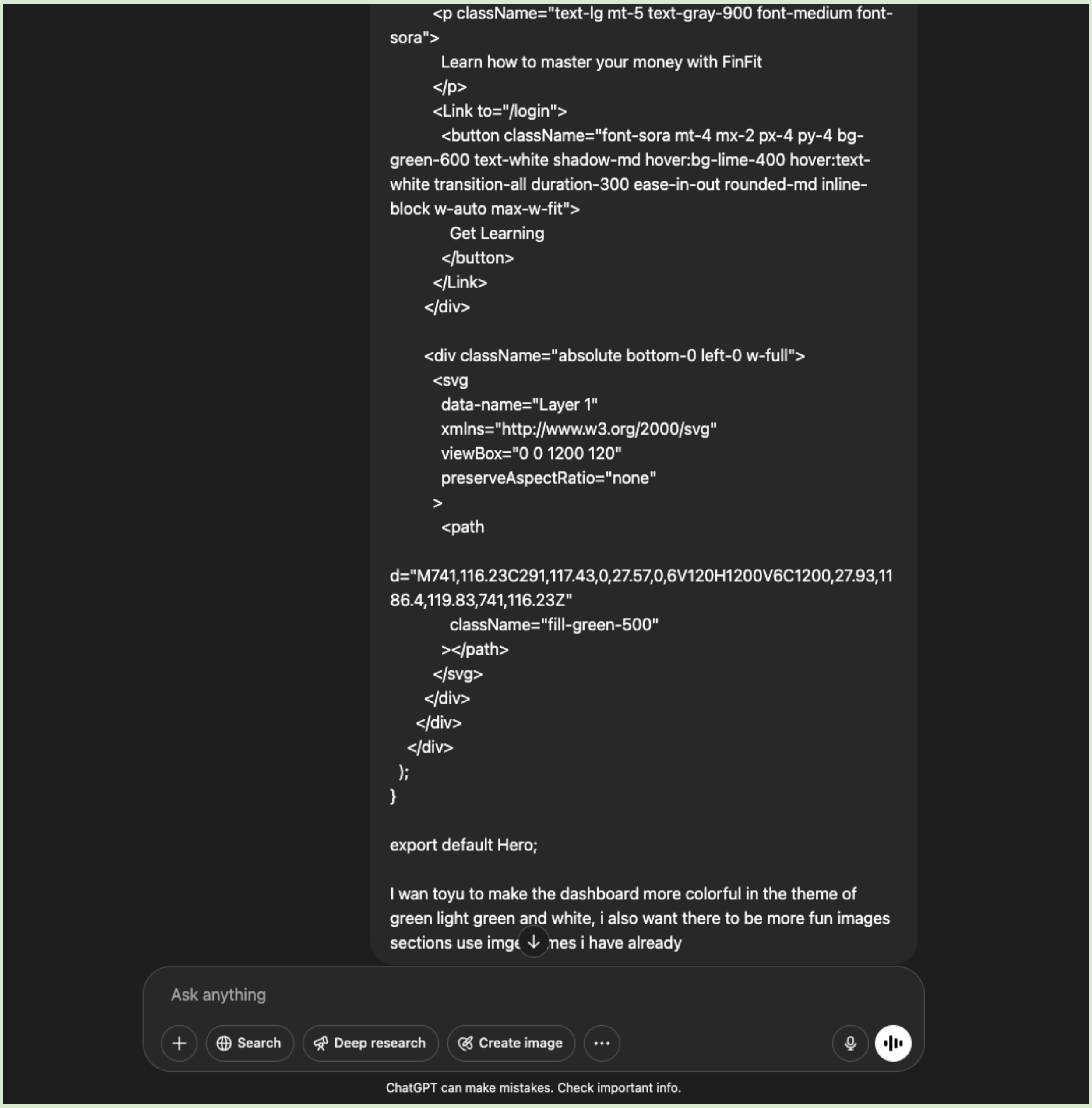
you see how the styling here is better:

```
import { useNavigate } from "react-router-dom";
import Navbar_User from "../components/Navbar_User";
import BingoImg from "../assets/images/bingo.jpeg";
import MemoryImg from "../assets/images/matching.jpeg";
import SavingsImg from "../assets/images/sprint.jpeg";
import TriviaImg from "../assets/images/trivia.jpeg";
import Footer from "../components/Footer";

const games = [
 {
   id: "Bingo",
   title: "Financial Bingo",
   description:
     "Mark financial terms on your bingo card as you learn key concepts.",
   image: BingoImg,
 },
 {
   id: "Memory",
   title: "Money Match",
   description:
     "Match financial terms with their definitions in this memory
```



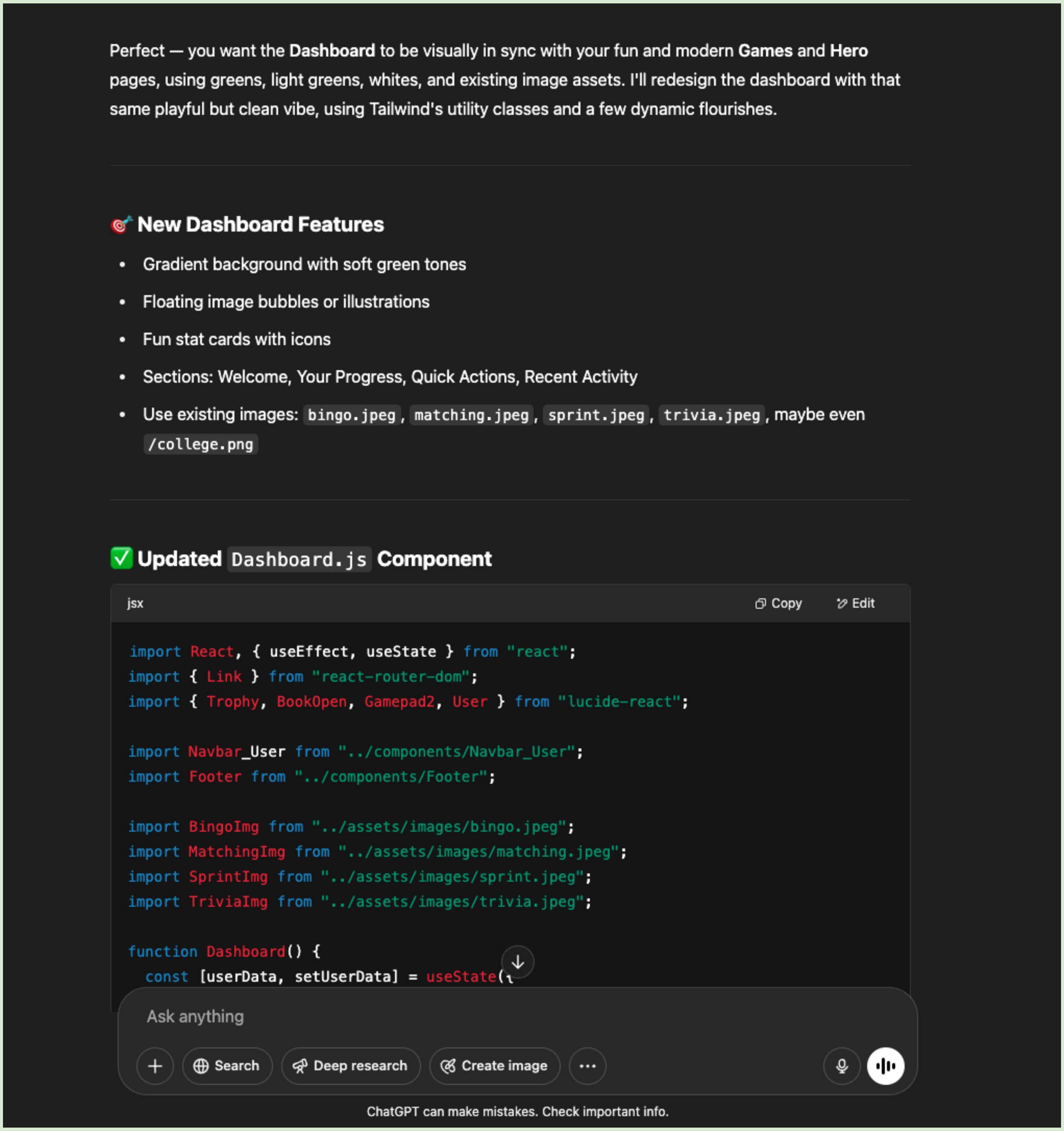
you see how the styling here is better:

```
import { useNavigate } from "react-router-dom";
import Navbar_User from "../components/Navbar_User";
import BingoImg from "../assets/images/bingo.jpeg";
import MemoryImg from "../assets/images/matching.jpeg";
import SavingsImg from "../assets/images/sprint.jpeg";
import TriviaImg from "../assets/images/trivia.jpeg";
import Footer from "../components/Footer";

const games = [
 {
  id: "Bingo",
  title: "Financial Bingo",
  description:
   "Mark financial terms on your bingo card as you learn key
concepts.",
  image: BingoImg,
 },
 {
  id: "Memory",
  title: "Money Match",
  description:
   "Match financial terms with their definitions in this memory
game.",
  image: MemoryImg,
 },
 {
  id: "Savings-sprint",
  title: "Savings Sprint",
  description:
   "Make smart financial choices throughout the month to save
money.",
  image: SavingsImg,
 },
 {
  id: "Trivia",
  title: "Financial Trivia Wheel",
```



```
     <p className="text-lg mt-5 text-gray-900 font-medium font-sora">
      Learn how to master your money with FinFit
     </p>
     <Link to="/login">
      <button className="font-sora mt-4 mx-2 px-4 py-4 bg-green-600 text-white shadow-md hover:bg-lime-400 hover:text-white transition-all duration-300 ease-in-out rounded-md inline-block w-auto max-w-fit">
       Get Learning
      </button>
     </Link>
    </div>

    <div className="absolute bottom-0 left-0 w-full">
     <svg
      data-name="Layer 1"
      xmlns="http://www.w3.org/2000/svg"
      viewBox="0 0 1200 120"
      preserveAspectRatio="none"
     >
      <path

d="M741,116.23C291,117.43,0,27.57,0,6V120H1200V6C1200,27.93,1186.4,119.83,741,116.23Z"
       className="fill-green-500"
      ></path>
     </svg>
    </div>
   </div>
  </div>
 );
}

export default Hero;
```

I wan toyu to make the dashboard more colorful in the theme of green light green and white, i also want there to be more fun images sections use imge nes i have already



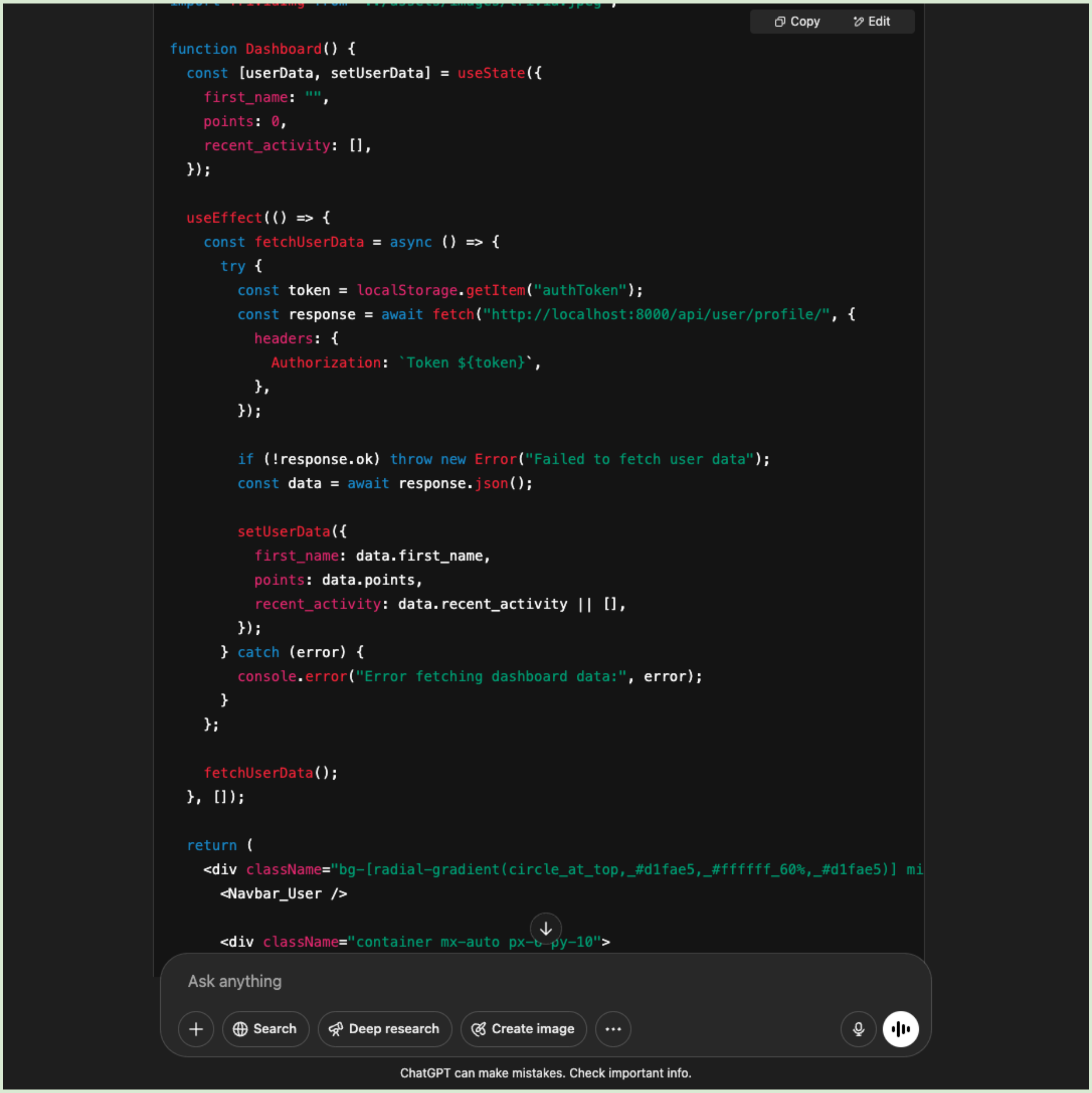
Perfect — you want the **Dashboard** to be visually in sync with your fun and modern **Games** and **Hero** pages, using greens, light greens, whites, and existing image assets. I'll redesign the dashboard with that same playful but clean vibe, using Tailwind's utility classes and a few dynamic flourishes.

🎯 New Dashboard Features

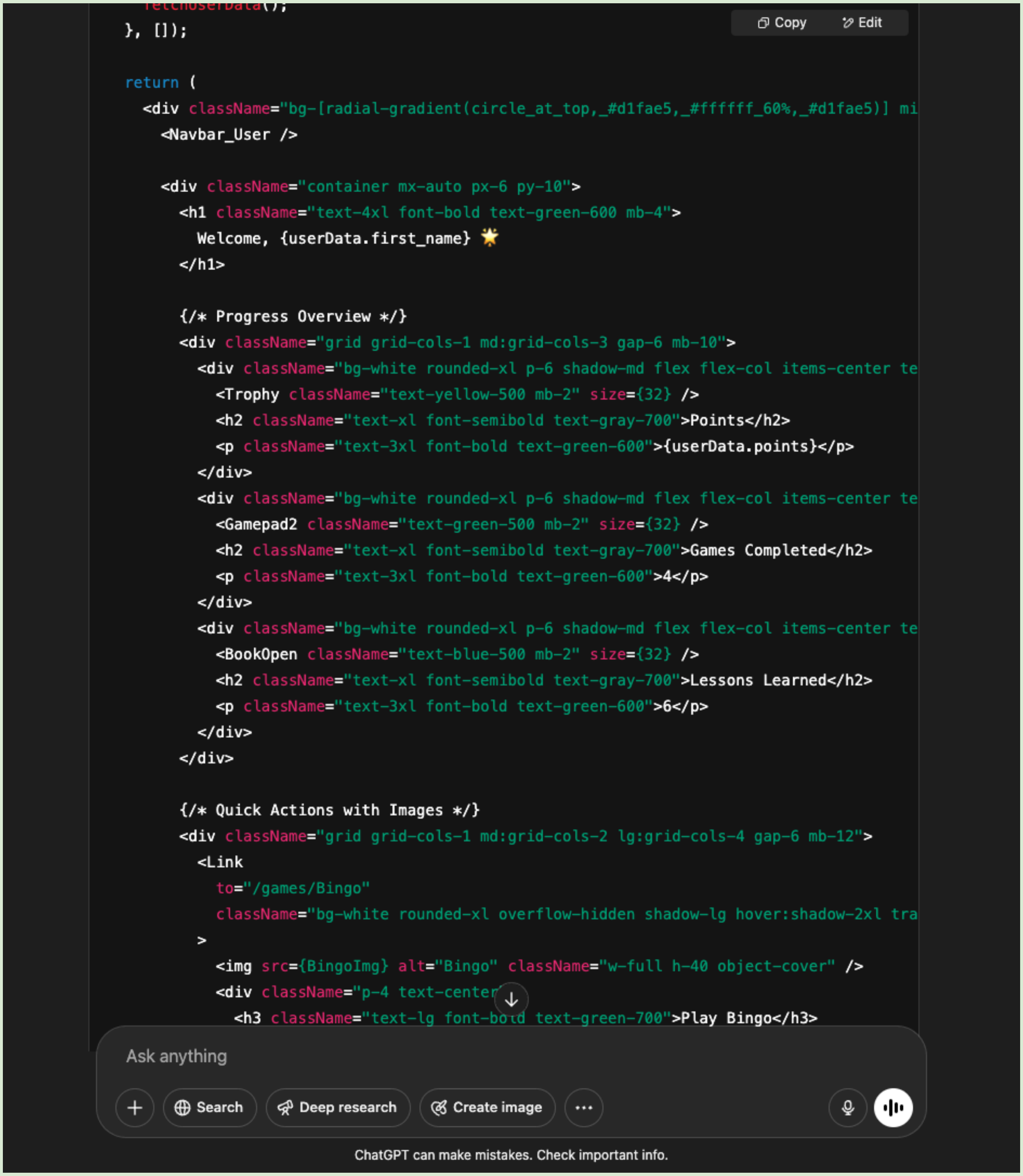
- Gradient background with soft green tones
- Floating image bubbles or illustrations
- Fun stat cards with icons
- Sections: Welcome, Your Progress, Quick Actions, Recent Activity
- Use existing images: `bingo.jpeg`, `matching.jpeg`, `sprint.jpeg`, `trivia.jpeg`, maybe even `/college.png`

✅ Updated `Dashboard.js` Component

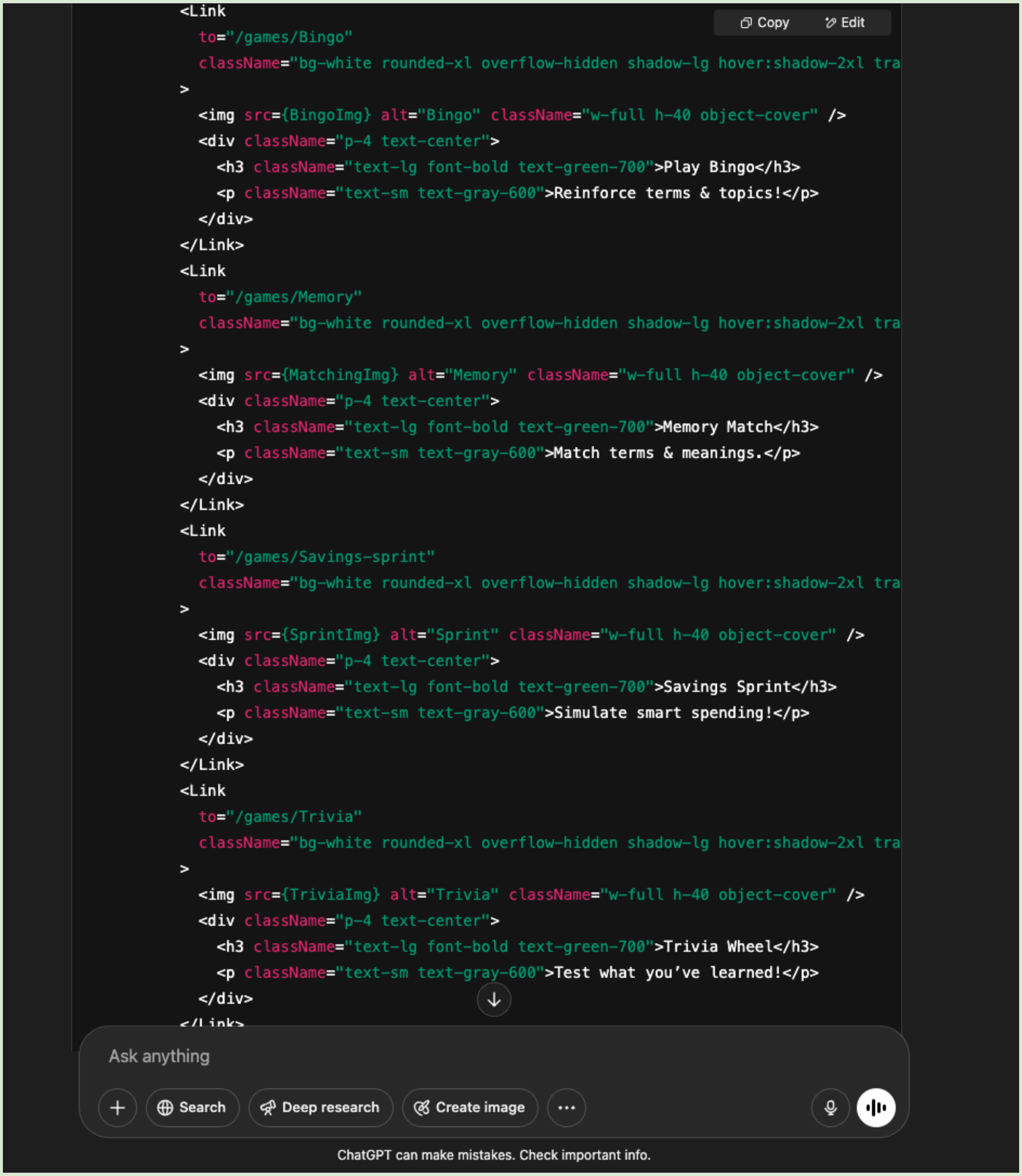
```jsx
import React, { useEffect, useState } from "react";
import { Link } from "react-router-dom";
import { Trophy, BookOpen, Gamepad2, User } from "lucide-react";

import Navbar_User from "../components/Navbar_User";
import Footer from "../components/Footer";

import BingoImg from "../assets/images/bingo.jpeg";
import MatchingImg from "../assets/images/matching.jpeg";
import SprintImg from "../assets/images/sprint.jpeg";
import TriviaImg from "../assets/images/trivia.jpeg";

function Dashboard() {
  const [userData, setUserData] = useState(
```



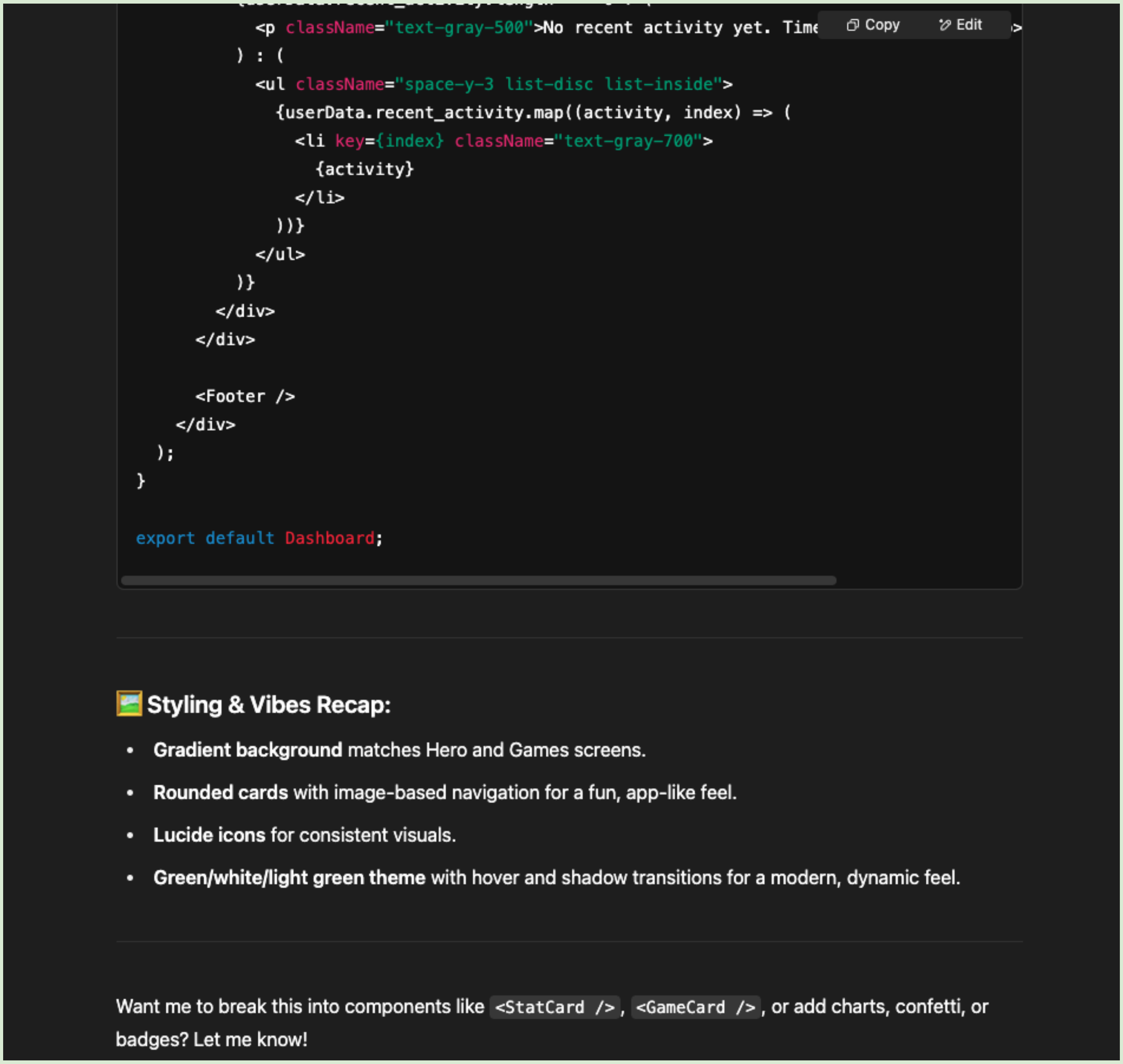
```
function Dashboard() {
  const [userData, setUserData] = useState({
    first_name: "",
    points: 0,
    recent_activity: [],
  });

  useEffect(() => {
    const fetchUserData = async () => {
      try {
        const token = localStorage.getItem("authToken");
        const response = await fetch("http://localhost:8000/api/user/profile/", {
          headers: {
            Authorization: `Token ${token}`,
          },
        });

        if (!response.ok) throw new Error("Failed to fetch user data");
        const data = await response.json();

        setUserData({
          first_name: data.first_name,
          points: data.points,
          recent_activity: data.recent_activity || [],
        });
      } catch (error) {
        console.error("Error fetching dashboard data:", error);
      }
    };

    fetchUserData();
  }, []);

  return (
    <div className="bg-[radial-gradient(circle_at_top,_#d1fae5,_#ffffff_60%,_#d1fae5)] mi
      <Navbar_User />

      <div className="container mx-auto px-6 py-10">
```



```
    fetchUserData();
  }, []);

  return (
    <div className="bg-[radial-gradient(circle_at_top,_#d1fae5,_#ffffff_60%,_#d1fae5)] mi
      <Navbar_User />

      <div className="container mx-auto px-6 py-10">
        <h1 className="text-4xl font-bold text-green-600 mb-4">
          Welcome, {userData.first_name} 🌟
        </h1>

        {/* Progress Overview */}
        <div className="grid grid-cols-1 md:grid-cols-3 gap-6 mb-10">
          <div className="bg-white rounded-xl p-6 shadow-md flex flex-col items-center te
            <Trophy className="text-yellow-500 mb-2" size={32} />
            <h2 className="text-xl font-semibold text-gray-700">Points</h2>
            <p className="text-3xl font-bold text-green-600">{userData.points}</p>
          </div>
          <div className="bg-white rounded-xl p-6 shadow-md flex flex-col items-center te
            <Gamepad2 className="text-green-500 mb-2" size={32} />
            <h2 className="text-xl font-semibold text-gray-700">Games Completed</h2>
            <p className="text-3xl font-bold text-green-600">4</p>
          </div>
          <div className="bg-white rounded-xl p-6 shadow-md flex flex-col items-center te
            <BookOpen className="text-blue-500 mb-2" size={32} />
            <h2 className="text-xl font-semibold text-gray-700">Lessons Learned</h2>
            <p className="text-3xl font-bold text-green-600">6</p>
          </div>
        </div>

        {/* Quick Actions with Images */}
        <div className="grid grid-cols-1 md:grid-cols-2 lg:grid-cols-4 gap-6 mb-12">
          <Link
            to="/games/Bingo"
            className="bg-white rounded-xl overflow-hidden shadow-lg hover:shadow-2xl tra
          >
            <img src={BingoImg} alt="Bingo" className="w-full h-40 object-cover" />
            <div className="p-4 text-center
              <h3 className="text-lg font-bold text-green-700">Play Bingo</h3>
```



```
<Link
  to="/games/Bingo"
  className="bg-white rounded-xl overflow-hidden shadow-lg hover:shadow-2xl tra
>
  <img src={BingoImg} alt="Bingo" className="w-full h-40 object-cover" />
  <div className="p-4 text-center">
    <h3 className="text-lg font-bold text-green-700">Play Bingo</h3>
    <p className="text-sm text-gray-600">Reinforce terms & topics!</p>
  </div>
</Link>
<Link
  to="/games/Memory"
  className="bg-white rounded-xl overflow-hidden shadow-lg hover:shadow-2xl tra
>
  <img src={MatchingImg} alt="Memory" className="w-full h-40 object-cover" />
  <div className="p-4 text-center">
    <h3 className="text-lg font-bold text-green-700">Memory Match</h3>
    <p className="text-sm text-gray-600">Match terms & meanings.</p>
  </div>
</Link>
<Link
  to="/games/Savings-sprint"
  className="bg-white rounded-xl overflow-hidden shadow-lg hover:shadow-2xl tra
>
  <img src={SprintImg} alt="Sprint" className="w-full h-40 object-cover" />
  <div className="p-4 text-center">
    <h3 className="text-lg font-bold text-green-700">Savings Sprint</h3>
    <p className="text-sm text-gray-600">Simulate smart spending!</p>
  </div>
</Link>
<Link
  to="/games/Trivia"
  className="bg-white rounded-xl overflow-hidden shadow-lg hover:shadow-2xl tra
>
  <img src={TriviaImg} alt="Trivia" className="w-full h-40 object-cover" />
  <div className="p-4 text-center">
    <h3 className="text-lg font-bold text-green-700">Trivia Wheel</h3>
    <p className="text-sm text-gray-600">Test what you’ve learned!</p>
  </div>
</Link>
```



```
            <p className="text-gray-500">No recent activity yet. Time
          ) : (
            <ul className="space-y-3 list-disc list-inside">
              {userData.recent_activity.map((activity, index) => (
                <li key={index} className="text-gray-700">
                  {activity}
                </li>
              ))}
            </ul>
          )}
        </div>
      </div>

      <Footer />
    </div>
  );
}

export default Dashboard;
```

🖼️ Styling & Vibes Recap:

- **Gradient background** matches Hero and Games screens.
- **Rounded cards** with image-based navigation for a fun, app-like feel.
- **Lucide icons** for consistent visuals.
- **Green/white/light green theme** with hover and shadow transitions for a modern, dynamic feel.

Want me to break this into components like `<StatCard />`, `<GameCard />`, or add charts, confetti, or badges? Let me know!