**WDD 330: Final Project Brainstorm**

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I have brainstormed five viable web application ideas. Each idea includes at least two third-party APIs (excluding OpenWeatherMap) to ensure real-time, dynamic functionality.

**1. Ecommerce**

Description: A shopping assistant web app where users can search for deals, compare prices, and view top-rated products from different retailers in one place.  
APIs Used:

* Kohls API: Access deals, discounts, and rewards on a wide range of categories like fashion, home furniture, electronics, etc.
* IHerb Product Data API: Over 40,000 wellness product listings with filters by price, availability, and reviews.
* Flipkart API: Search for Flipkart products, track reviews, and explore trending items.

**2. Travel Planner**

Description: A travel booking and planning app that lets users search for hotels, flights, and attractions, while comparing prices and availability in real-time.  
APIs Used:

* BookingCom API: Search hotels, flights, rental cars, and popular tourist destinations.
* Air Scraper API: Access flight and hotel data similar to Skyscanner, enabling price comparisons and booking suggestions.

**3. Health and Fitness Companion**

Description: An app for health-conscious users to calculate body metrics, plan nutrition, and find workout routines with visual guides.  
APIs Used:

* Health Calculator API: Provides over a dozen health-related body metrics (BMI, BMR, TDEE, etc.).
* Nutrition Calculator API: Offers nutrient recommendations based on official dietary guidelines.
* ExerciseDB API: Contains 1300+ exercises with animations and instructions.

**4. Movie Streaming & Rating Hub**

Description: A web app where users can search for movies or TV shows, see which streaming services offer them, and view reviews and ratings.  
APIs Used:

* Streaming Availability API: Shows which movies/TV shows are available on Netflix, Disney+, Hulu, etc., across 60+ countries.
* Movies Rating API: Provides ratings from IMDb, Rotten Tomatoes, Metacritic, and more.

**5. Smart Transportation & Logistics Tracker**

Description: A logistics and route planning app that allows users or businesses to track shipments, optimize delivery, and get real-time alerts on road conditions.  
APIs Used:

* Supply Chain Optimizer API: Uses AI to suggest better logistics operations and cost-cutting measures.
* TrackingPackage API: Real-time package tracking from all major U.S. carriers (UPS, USPS, FedEx, DHL).
* Waze API: Access real-time driving alerts such as accidents, road closures, and traffic jams.