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Assignment: Web apps backend and UI/UX analysis.

INTRODUCTION

   This document presents a curated list of 50 notable web apps categorized by their functionality. Each app is briefly analyzed by base on its UI/UX performance, and major backend features are highlighted .

Productivity and Office

1. Google docs – real-time collaboration; cloud-savvy backend: UI: 4/5
2. Notion -modular pages, onboarding wizard; UI: 4.3/5
3. Trello- card-based Kanban with drag-and-drop. UI 4/5
4. Asana- task views timeline filters; UI: 4/5
5. FlowMapp- clean layout for sitemaps; UI: 4/5
6. Google Sheets- UI; 4.5/5
7. Microsoft 365 Online- UI; 4.7/5
8. Coda-UI; 3.9/5
9. Airtable-UI;4/5
10. Clickup-UI; 4/5

Collaboration and Communication
1. Slack- UI; 4.1/5
2. Microsoft Teams- UI; 4/5
3. Zoom Web-UI; 4.3/5
4. Miro- UI; 3.9/5
5. Figma-UI; 4.5/5
6. Loom- UI; 4/5
7. Discord Web- UI; 4/5
8. Calendly- UI; 4/5

Learning and Knowledge
1. Duolingo Web- UI; 4.7/5
2. Khan Academy- UI; 4/5
3. Blinkist- UI; 4.2/5
4. Cousera- UI; 4.3/5
5. EdX- UI; 3.8/5
6. Grammarly Web- UI; 4/5
7. WolframAlpha- UI; 4/5
8. Quizlet- UI; 4/5
9. Overleaf- UI; 4/5
10. Zotero Web- UI; 4/5

Entertainment
1. Spotify- UI; 4/5
2. Netflix – UI; 4/5
3. YouTube- UI; 4.5/5

News

1. Feedly- UI; 4/5
2. Apple News- UI; 4.3/5
3. FT PWA- UI; 4/5

Finance
1. Revolut- UI; 3.5/5
2. Mint- UI; 4/5
3. Stripe- UI; 3.8/5

Development Tools
1. GitHub- UI; 4/5
2. VSCode Web- UI; 4.2/5
3. CodeSandbox- UI; 4/5
4. CodePen- UI; 4/5
5. Netlify- UI; 3.9/5
6. Vercel- UI; 3.8/5
7. Replit- UI; 4/5
8. Glitch- UI; 3.8/5
9. StackBlitz- UI; 3.6/5
10. JSFiddle- UI 4/5

Backend Features and UI Guidelines

Backend Features behind the scenes:

1. Real-Time Sync and collaboration- Google Docs, Figma, Stack, GitHub live updates.
2. Offline/Cache Support- PWAs and others.
3. Scalable Data Handling and Security- Amazon, Paypal, Stripe dashboards
4. Media streaming and CDN Delivery- Netflix, Spotify, Youtube.
5. Customiable analytics and Filtering- Revolut, Mint, Shopify, etc.