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Maneflow

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About ManeFlow :

ManeFlow is an innovative app primarily designed to empower women on their hair growth journey, while also welcoming male users. This app serves as a comprehensive resource for all things related to hair growth. Within its user-friendly interface, users will discover a wealth of information about various hair types and effective methods to promote growth.

Users can easily input their unique hair characteristics into the app, which then generates tailored recommendations specifically suited to their needs. From personalized growth strategies to ideal hair care products, ManeFlow ensures that each user receives expert guidance customized to their specific hair type. Additionally, the app identifies potential pitfalls to avoid, making it an indispensable tool for anyone looking to enhance their hair health and achieve luscious locks.

To elevate the user experience even further, ManeFlow introduces several advanced features:

- **Personalized Hair Routine Generator:**

  Based on each user's hair type, concerns, and goals, the app provides detailed morning, night, and wash-day routines. It also includes recommended protective styles, maintenance tips, and alerts for when routines need updating.

- **Hair Growth Cycle Forecasting:**

  By analyzing user habits, routines, and hair health patterns, ManeFlow predicts expected growth progress over time. Users can view growth projections, set goals, and track milestones with helpful visual charts.

- **Hair Problem Diagnosis:**

  Users can select symptoms such as breakage, dryness, dandruff, shedding, or scalp irritation. ManeFlow evaluates these inputs to identify possible causes and offers effective solutions, treatments, and preventive measures.

- **Protective Hairstyle Library:**

  A rich catalog of protective hairstyles tailored to various hair types. Each style includes descriptions, difficulty levels, expected longevity, maintenance instructions, and common mistakes to avoid.

- **Offline Mode:**

  ManeFlow supports offline access to essential features such as saved routines, product recommendations, and educational articles, ensuring the app remains useful even without internet connectivity.

Use Of AI:

I used AI (Claude Sonnet 4.0) to help with certain parts of my project, and they are:

- Error handling and buffering logic (api/add_progress.php)

- Complex data algorithms (api/diagnose.php, api/fetch_hair_data.php, api/generate_recommendations.php, forecast.php)

- Web scraping and parsing functions (api/fetch_hair_data.php)

- HTML Parsing & DOM Manipulation (api/fetch_hair_data.php)

- Regular Expression (Regex) Patterns (api/fetch_hair_data.php)
- Data visualization setup (forecast.php)