Basic Endpoints

\*\*Trend Endpoints:\*\*

1. \*\*GET /api/trends\*\*: Retrieve a list of all fashion trends.

2. \*\*GET /api/trends/{id}\*\*: Retrieve details of a specific fashion trend by its ID.

3. \*\*POST /api/trends\*\*: Create a new fashion trend.

4. \*\*PUT /api/trends/{id}\*\*: Update an existing fashion trend by its ID.

5. \*\*DELETE /api/trends/{id}\*\*: Delete a fashion trend by its ID.

\*\*Designer Endpoints:\*\*

6. \*\*GET /api/designers\*\*: Retrieve a list of all fashion designers.

7. \*\*GET /api/designers/{id}\*\*: Retrieve details of a specific fashion designer by their ID.

8. \*\*POST /api/designers\*\*: Create a new fashion designer profile.

9. \*\*PUT /api/designers/{id}\*\*: Update an existing fashion designer profile by their ID.

10. \*\*DELETE /api/designers/{id}\*\*: Delete a fashion designer profile by their ID.

\*\*User Endpoints (if applicable for user authentication):\*\*

11. \*\*POST /api/register\*\*: Register a new user account.

12. \*\*POST /api/login\*\*: Authenticate a user and generate an access token.

13. \*\*GET /api/users\*\*: Retrieve a list of all users (admin-only access).

14. \*\*GET /api/users/{id}\*\*: Retrieve details of a specific user (admin-only access).

15. \*\*PUT /api/users/{id}\*\*: Update user details (admin-only access).

16. \*\*DELETE /api/users/{id}\*\*: Delete a user account (admin-only access).

\*\*Trend Analysis Endpoints:\*\*

17. \*\*GET /api/trends/{id}/analysis\*\*: Retrieve historical trend analysis data for a specific trend.

18. \*\*POST /api/trends/{id}/analysis\*\*: Create new trend analysis data for a specific trend.

19. \*\*PUT /api/trends/{id}/analysis/{analysisId}\*\*: Update trend analysis data for a specific trend.

20. \*\*DELETE /api/trends/{id}/analysis/{analysisId}\*\*: Delete trend analysis data for a specific trend.

Complex Endpoints

Given the time constraints and complexity considerations, here are some complex endpoints that can be manageable within your project:

1. \*\*Filtering Trends by Season and Year:\*\*

- Endpoint: `/trends/filter?season={season}&year={year}`

- Description: Allows users to filter fashion trends by specifying the season and year. This endpoint can help users find trends from specific periods.

2. \*\*Top Trending Trends:\*\*

- Endpoint: `/trends/top`

- Description: Returns a list of the most popular or trending fashion trends based on user likes or comments. This can be determined by tracking user interactions.

3. \*\*Search Trends by Keyword:\*\*

- Endpoint: `/trends/search?keyword={keyword}`

- Description: Enables users to search for fashion trends containing specific keywords or terms in their titles or descriptions.

4. \*\*User Profile and Activity:\*\*

- Endpoint: `/user/profile/{userId}`

- Description: Retrieves a user's profile information, including their liked trends, comments, and activity history.

5. \*\*Trend Statistics:\*\*

- Endpoint: `/trends/statistics`

- Description: Provides statistical data about trends, such as the total number of trends, trends per season, and user engagement metrics.

6. \*\*User Interaction Analytics:\*\*

- Endpoint: `/user/analytics/{userId}`

- Description: Gives users insights into their interactions with fashion trends, including trend likes, comments, and a summary of their activity.

7. \*\*Related Trends:\*\*

- Endpoint: `/trends/{trendId}/related`

- Description: Recommends related fashion trends based on user preferences and the characteristics of the selected trend.

8. \*\*Advanced Trend Sorting:\*\*

- Endpoint: `/trends/sort?criteria={criteria}&order={order}`

- Description: Allows users to sort fashion trends dynamically based on criteria such as date, popularity, or designer.