



TrendTrove

Description

TrendTrove is the ultimate destination for fashion enthusiasts. It serves as a unique platform where individuals can easily discover trendy outfits every day. Users can explore pins, add pins to their profile page as a board for future reference, and showcase outfit inspirations suitable for every season. Visitors to TrendTrove can discover a wide array of stylish outfit ideas, ranging from summer to winter looks. The website has a simple interface, akin to flipping through a digital fashion magazine, but even better because you can interact with everything.

Moreover, users have the ability to search for seasonal collection outfit ideas of their interest and also search for other users, ensuring a tailored browsing experience. With TrendTrove Analytics, content creators can gain valuable insights into their audience demographics, interests, and engagement metrics, helping them understand their audience better and optimize their Pinterest strategy accordingly. At TrendTrove, there's something for everyone, whether you love bold fashion or classic styles.

Users can message each other, view notifications, follow and unfollow accounts, and comment on posts, making the platform highly interactive and engaging.

Target Audience

TrendTrove caters to fashion enthusiasts of all ages, primarily focusing on teens and adults who have a keen interest in fashion. It's the perfect place for those who love to style their outfits every day and are always on the lookout for the latest trends. Whether you're a teenager or an adult with a passion for fashion, TrendTrove offers a vibrant community and endless inspiration to help individuals express themselves through their clothing choices.



Features

1. Seasonal Showcase: Sections dedicated to each season, from the vibrant hues of spring to the cozy layers of winter.
2. Menu bar: Discover season collection, notifications, instant messages, account and logout
3. Create Pins: Unleash your creativity by creating pins of your favorite outfits to be an inspiration for others.
4. Save pins: Save pins to your personal collection for easy access whenever inspiration strikes.
5. Explore Content: Browse through an endless array of outfit ideas, organized by season or popularity.
6. Interact with the Community: Engage with other fashion enthusiasts by liking and commenting on their pins. Share your thoughts, offer styling tips, or simply express appreciation for inspiring looks.
7. User Profiles: Customize your profile to reflect your personal style and showcase your favorite pins. Connect with like minded individuals, follow your favorite creators, and build a network of fashion-forward friends.
8. Notification: keep yourself updated. Know who is liking and commetning on your photos.
9. Massage: To send private messages or direct messages to other TrendTrove users.
10. Create boards: Users can create boards to keep their pins organized that users save. They can save pins according to specific themes, interests, or topics.
11. Edit Profile: This feature allows users to customize and update their profile information, including their profile picture, username, password and bio. Additionally, users can view and edit their boards, organize Pins, and manage other account details from their profile page.
13. Analytics: Allows users, content creators, to access valuable data and analytics about their Trendtrove account and Pins. Through Analytics, users can track impressions, helping them understand their audience better and optimize their Trendtrove strategy accordingly.

Ipo chart

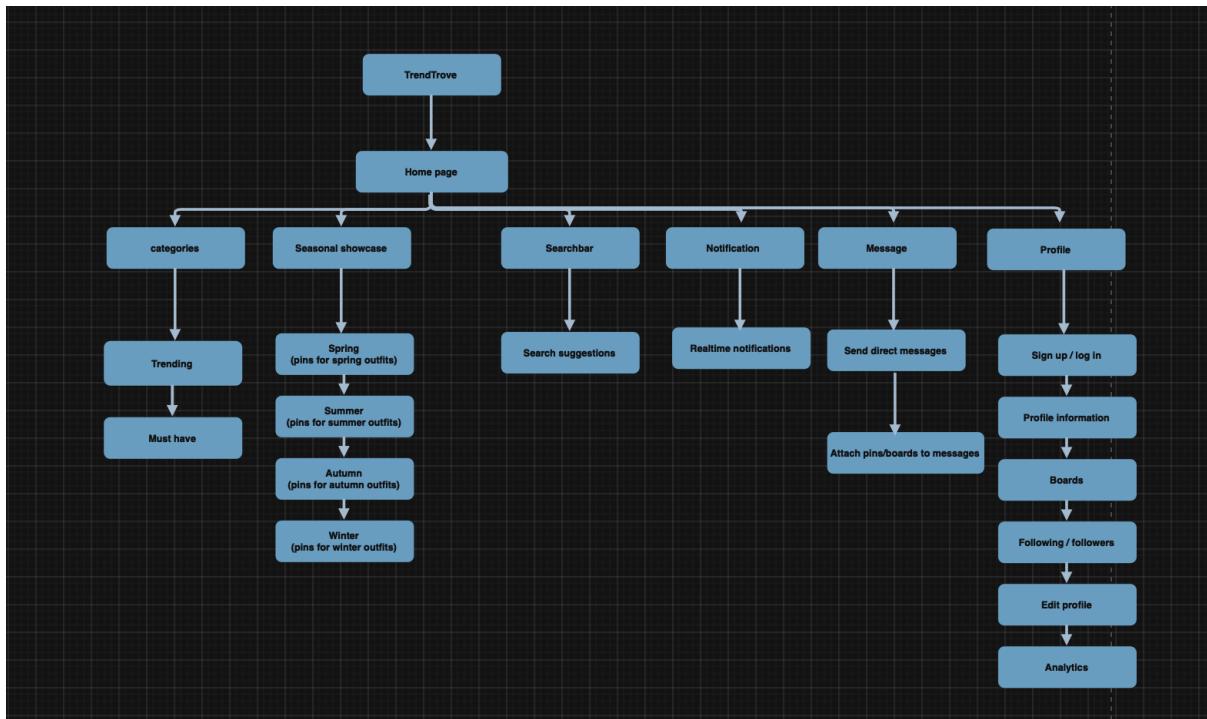
| Input | Process | Output |
|--|---|--|
| User login credentials (username, password) | Validate credentials against the database ,Start user session if credentials are correct, Redirect to the login page if credentials are incorrect | User is logged in or redirected to the login page |
| User profile information (name, bio, profile picture, cover photo) | Retrieve user profile information from the database, Display profile information, Allow user to edit and save changes | User profile is displayed and can be updated |
| Pin details (image, description, tags, season) | Save new pin details to the database, Retrieve pin details for display, Allow users to interact with pins (like, comment, save to board) | Pins are displayed on the user's feed and can be interacted with |
| Comment content (text) | Save comment to the database, Retrieve and display comments for each pin | Comments are displayed under the corresponding pin |
| Board details (name, description, user_id) | Save new board details to the database, Retrieve boards for display on the user's profile | Boards are displayed on the user's profile and pins can be saved to boards |
| Search query (usernames or seasons) | Query the database for matching users or seasonal pins, Display search results | Search results with matching users or seasonal pins are displayed |
| Notifications | Retrieve notifications from the database for the logged-in user, Display notifications in the notification panel | Notifications are displayed in the user's notification panel |
| Follow/Unfollow action | Save follow/unfollow action to the database, Update follower and following counts | Follow/unfollow status is updated and displayed on the user's profile |
| Messages (sender_id, receiver_id, content) | Save message to the database, Retrieve and display messages for chat conversations | Messages are displayed in the user's chat panel |

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|---|---|--|
| Profile views | Log profile view in the database | Profile views count is updated and displayed on the user's profile |
| Notifications and Messages for the logged-in user | Retrieve notifications and messages from the database, Display notifications and messages in respective panels | Notifications and messages are displayed in respective panels |
| Pin views | Log pin view in the database, Retrieve pin views count | Pin views count is updated and displayed under the pin |
| Seasonal collections (Winter, Autumn, Spring, Summer) | Retrieve pins from the database based on the selected season, Display seasonal pins in the user's feed | Seasonal pins are displayed in the user's feed |
| Analytics data (user demographics, interests, engagement metrics) | Retrieve analytics data from the database, Display analytics data to content creators | Content creators can view analytics data for optimizing their strategy |
| Recommendations (based on user interests and interactions) | Retrieve recommended pins from the database based on user interactions, Display recommended pins in the user's feed | Recommended pins are displayed in the user's feed |
| Search users or pins (search query) | Query the database for matching users or pins, Display search results | Search results are displayed for the user's query |
| Image uploads (profile pictures, cover photos, pin images) | Handle image file uploads, Save image files to the server, Update the database with image URLs | Images are uploaded and displayed on the user's profile or pins |
| User interactions (likes, comments, saves) | Save user interactions to the database, Update interaction counts (likes, comments, saves) | User interactions are updated and displayed on pins |
| User follow another user | Record following relationship in the database | New following |
| User received a follow | Record follower relationship in the database | New follower |
| AnalyticsData | Collect and analyze user activity data | Analytics reports and insights |
| AnalyticsData | Generate reports and insights | Analytics reports and insights |
| Investigate report of the reported user | Review report details | Take appropriate action against reported user |

UML Diagram



SiteMap



CRUD

1. Users

- Create: Users can sign up for an account with their personal information such as name, email, and password.
- Read: Users can view their profile information, including their personal details, pins, and boards.
- Update: Users can update their profile information, such as changing their profile picture, bio, or account settings.
- Delete: Users can delete their accounts and all associated data.

2. Pins:

- Create: Users can create new pins by uploading photos of their favorite outfits or fashion items, and adding descriptions or tags.
- Read: Users can view pins on the website, sorted by different categories such as season, popularity, or relevance.
- Update: Users can edit their existing pins to change the photo, description, or tags.
- Delete: Users can delete their own pins that they have created.

3. Comments:

- Create: Users can add comments to pins, providing feedback or sharing their thoughts.
- Read: Users can view comments on pins, helping foster engagement and discussions.
- Update: Users can edit their comments to correct mistakes or clarify their thoughts.
- Delete: Users can delete their comments, either to remove inappropriate content or change their opinion.

4. Messaging:

- Create: Users can initiate private messages with other users on the platform.
- Read: Users can read their received and sent messages to stay connected with other fashion enthusiasts.
- Update: Users can update their messages by editing the content (if necessary).
- Delete: Users can delete unwanted messages from their inbox.

5. Boards:

- Create: Users can create new boards to organize and categorize their pins based on themes, seasons, or interests.
- Read: Users can view boards, including the pins within each board.
- Update: Users can update their boards, such as changing the name or description of the board.
- Delete: Users can delete their boards, which will also remove all pins within them.