

Peer-to-Peer Gifting Platform

System Requirements

1) problem description

The application is designed for ease of management of anything gifting related, gift wishlists, contributions, and events, Event organizers will be able to create wishlists by adding the desired item from many retail partners, or custom cash gifts, Guests will be able to contribute individually or together towards a gift or to send money directly, they will also be able to provide photos and videos from the event, the application uses Stripe by integrating it to handle payments securely, the application will also provide affiliate relations with Retail partners, which will provide information about the items, The platform Administrator(s) will ensure regulatory compliance, oversee operations, customer support, content moderation, and affiliate program and commission management.

2) main actors and the role they meet when interacting with the application

- ❖ Event Organizer
- ❖ Guests
- ❖ Platform Administrator
- ❖ Retail Partners
- ❖ Payment Processor

3) main usage scenarios for each actor

→ Event Organizer:

- ◆ Ability to create and manage wishlists
- ◆ Ability to add items from affiliate retailers or custom cash gifting options
- ◆ Ability to share the URL with guests
- ◆ Ability to track gifts and contributions
- ◆ Ability to withdraw OR allocate funds to wishlist items
- ◆ Ability to manage the event photo and video gallery provided by guests
- ◆ Ability to manage wishlist and gallery privacy options
- ◆ Ability to view Real time analytics for a wishlist performance, contributions and guest engagement

→ Guests:

- ◆ Ability to view wishlist details and its availability
- ◆ Ability to contribute individually or contribute partially to group funded items

- ◆ Ability to send direct money for contributions
- ◆ Ability to upload Event photos and videos
- ◆ Ability to receive notifications regarding their wishlist item status
- ◆ Ability to suggest wishlist items
- ◆ Ability to view all their previous contributions and receipts

→ Platform Administrator:

- ◆ Ability to manage all user accounts
- ◆ Ensures compliance with regulations
- ◆ Ensures payment transactions and Stripe Connect integration
- ◆ Manages Affiliate retailers relationships and commission structures
- ◆ Moderates user uploaded content to ensure they follow regulations
- ◆ Handles Customer support and disputes
- ◆ Ability to view Data insights and Analytics for better user engagement
- ◆ Moderates Fraudulent activity and prevents it
- ◆ Handles user feedbacks

→ Retail Partners:

- ◆ Provides the item catalog using an API
- ◆ Consistently Updates wishlist items depending on price and availability
- ◆ Ability to Track sales generated from wishlist items to be able to generate payouts
- ◆ Receive Statistics on wishlist items favored to increase its stock
- ◆ Ability to recommend items to Event Organizers by using patterns

→ Payment Processor (STRIPE CONNECT):

- ◆ Processes cash gift transactions and contributions securely
- ◆ Maintains compliance and financial regulations
- ◆ Give out funds to Event Organizers or instantly purchase the whitelisted item
- ◆ Handles currency conversions
- ◆ Allows easy access for refund management for Platform Administrators and Event Organizers
- ◆ Supports re-occurring payments from guests