
A Crypto-Payment Digital Gift Card Platform

By

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Introduction

Hello everyone. Today I will introduce our digital gift card marketplace — a platform where users can easily and securely purchase different gift cards using only cryptocurrency.

What is the Platform?

This is a modern and fully digital gift card marketplace. Users can buy gift cards from popular brands like **Google Play, Apple, Amazon, Netflix, Xbox, Spotify**, and many more. The main advantage is that payments are made only through **cryptocurrency**.

Motivation for the Project

- Limited access to international payment methods
- Safe and fast digital purchases
- Popular global use cases
- No traditional banking barriers
- Simplified gifting experience
- Local market gap
- Scalable business potential

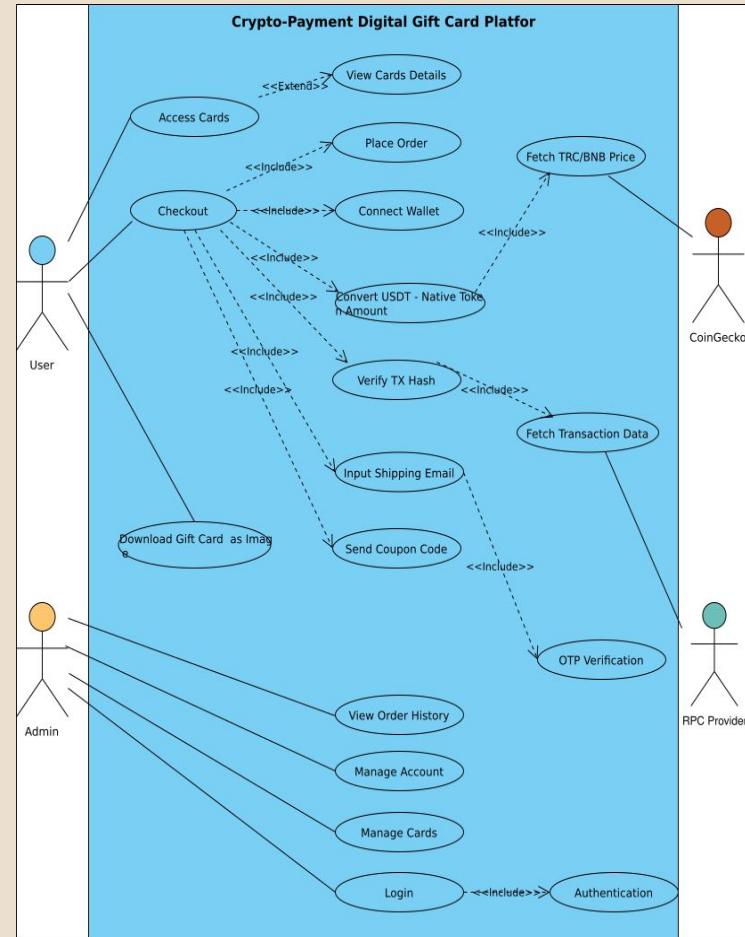
Features

- Crypto Payment Support — Fast, low-fee payments using Tron and BNB Chain
- Instant Delivery — Gift card codes are sent immediately after payment confirmation
- Secure Code Handling — Encrypted storage and automated verification
- Multi-Wallet Support — Easy connection through MetaMask and TronLink
- Smooth User Experience — Fast checkout and minimal steps
- Scalable Architecture — Easy to add more networks and wallets in the future

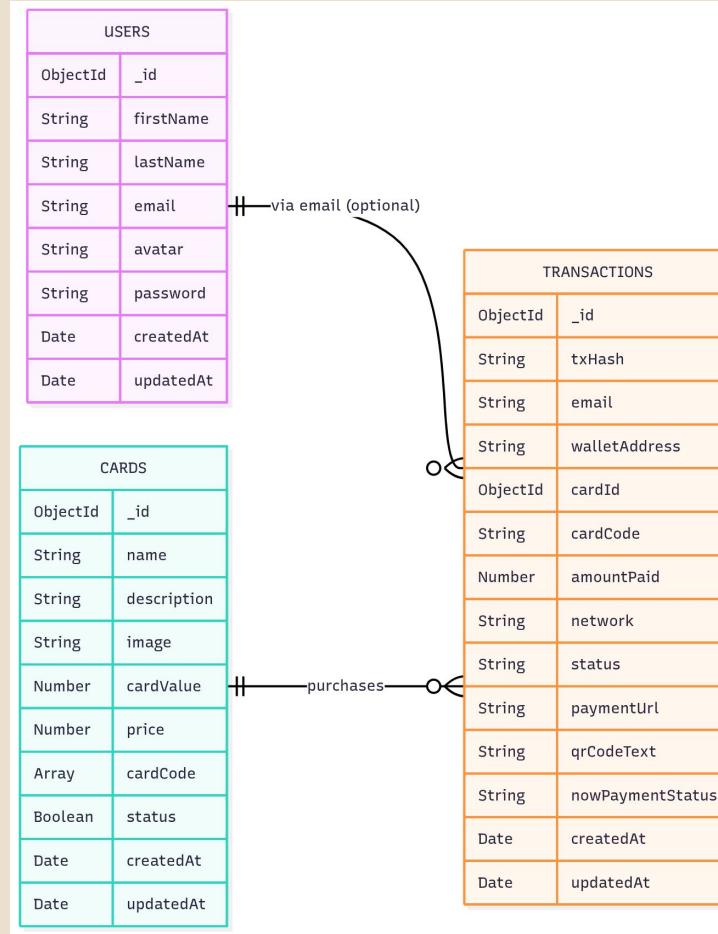
Comparison with Existing Systems

- Crypto Payments: Faster, cheaper, and more secure compared to systems that support only cards or centralized wallets
- Instant Delivery: Codes delivered immediately after payment confirmation
- Multi-Wallet Support: Connect wallets like MetaMask and TronLink easily
- Secure & Reliable: Encrypted code handling and automated verification
- Better UX: Quick checkout and hassle-free payment experience

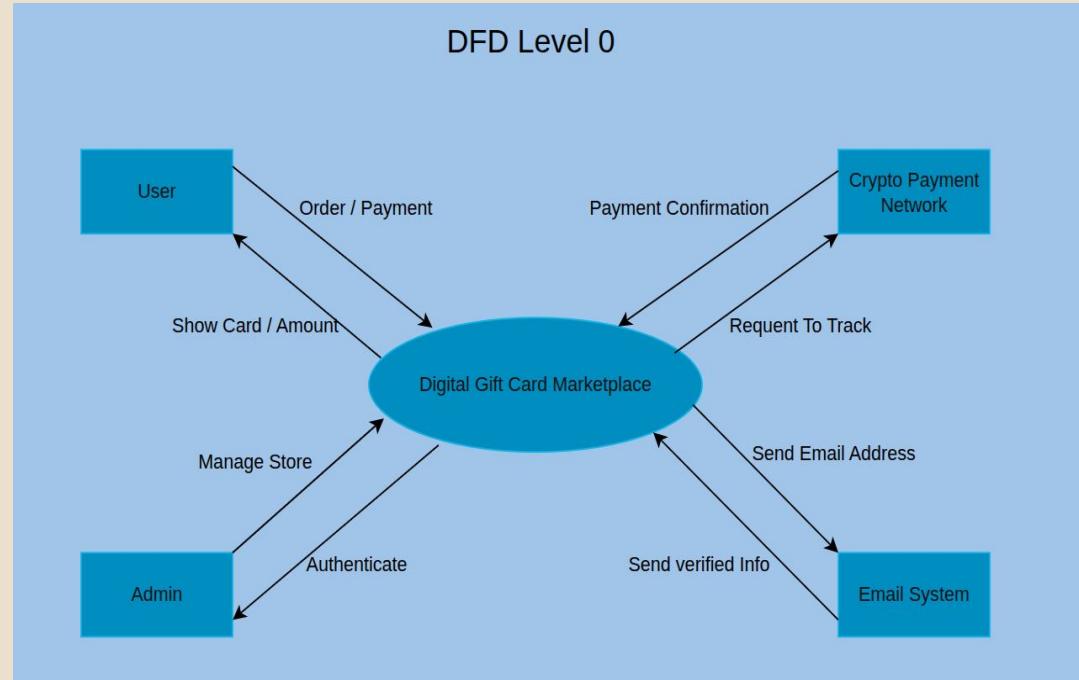
Use Case Diagram



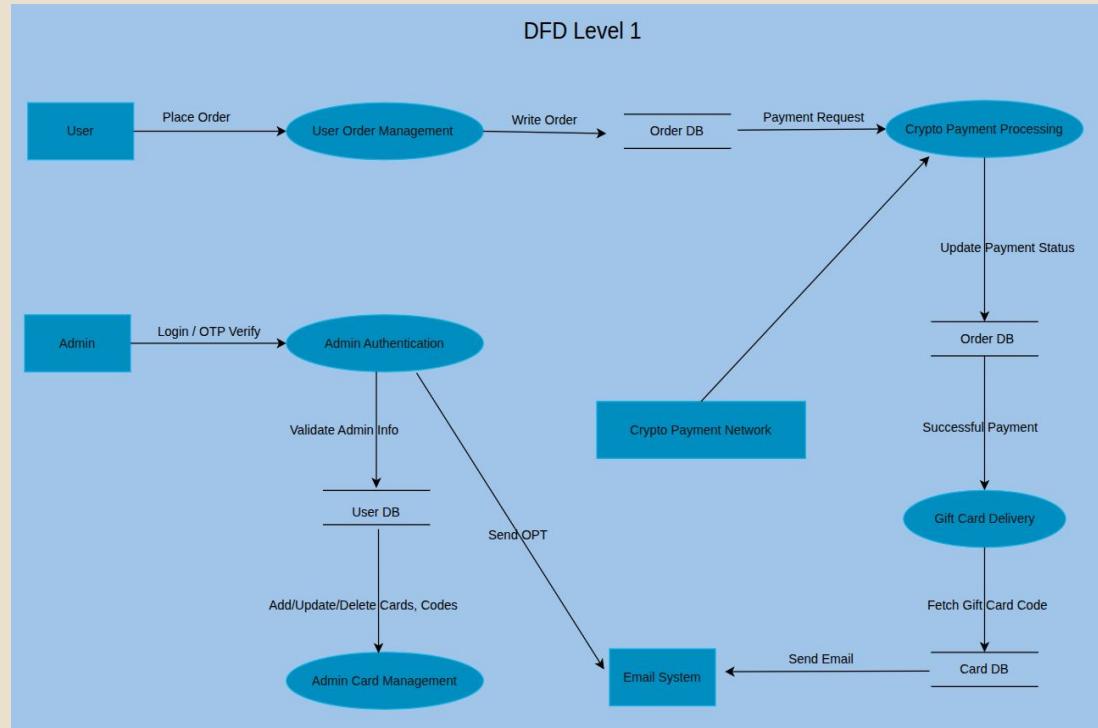
ERD Diagram



DFD: Level 0

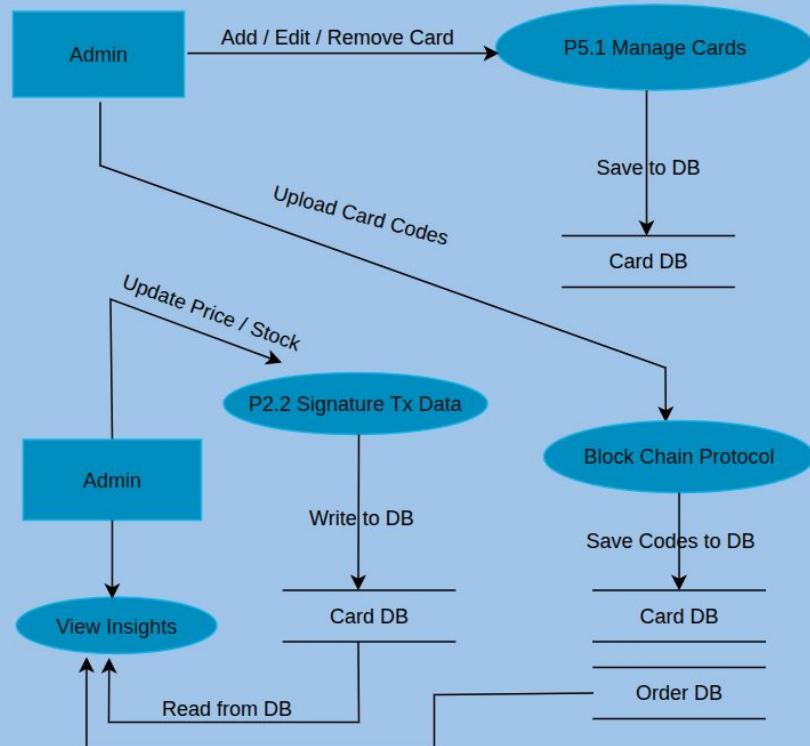


DFD: Level 1



DFD: Level 2 Admin Card Management

Level-2 DFD (Admin Card Management)



Payment System – Crypto Ecosystem

Crypto payments are the core feature of our platform.

At launch, we support two widely used networks:

- **Tron (TRX)**
- **BNB Smart Chain (BNB)**

Why Tron and BNB Chains?

- Low Fees: Very low transaction costs
- High Speed: Fast confirmations for a smooth user experience
- Wide Adoption: Popular and globally supported networks
- Stable Ecosystem: Reliable wallets, tools, and developer support
- Reliable Payments: Practical networks for gift card and digital purchases

Desktop Browser Wallet Support

- TronLink Wallet Extension (for Tron network)
- MetaMask Wallet Extension (for BNB Smart Chain)

Mobile Wallet Connection

- Creates an encrypted session between the dApp and mobile wallets using QR code or deep link
- Communicates requests using secure JSON-RPC
- Supports multiple wallets such as MetaMask, TrustWallet, Coinbase Wallet, and many others
- Users fully control whether to accept or deny any transaction request

UI HOME Page

The Ultimate Gift Card Store

Purchase Using Crypto

Google Play Apple Steam PlayStation Xbox

Amazon Netflix Spotify More!

e payment

multiple payment options

Receive your code instantly

Get your code delivered via email immediately

Redeem & enjoy!

Use your gift card and start shopping

Choose your card

Select from our wide range of gift cards

Choose Your Card

\$60

UI

Cards List



Home **Gift Cards** Blogs FAQs



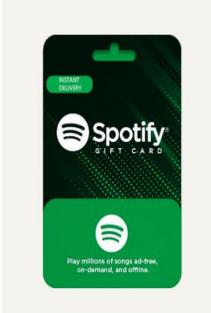
Gift cards



Explore all gift cards



Amazon Global Online Shopping Electronic Spending Voucher Card



Spotify Student Premium Discount Streaming Voucher Card



Apple App Store Premium Digital Spending Balance Card



Google Play Digital Store Apps Games Shopping Gift Card

This Apple gift card works seamlessly on the App Store, iTunes, and Apple Music.

Google Play gift cards allow users to purchase apps, games, movies, and digital

UI

Blogs List



Helpful tips and guides about crypto wallets and gift cards



7 Benefits of Buying Gift Cards with Crypto

What advantages do you get when buying gift cards using cryptocurrency compared to traditional payment methods? Learn more about the benefits.

November 22, 2025 8 min read [Read More](#) >

How to Redeem Gift Card Codes - Complete Guide

A detailed guide on how to use your gift card codes on various platforms including Netflix, Google Play, Amazon, and Spotify.

November 21, 2025 7 min read [Read More](#) >

How to Create a Crypto Wallet Easily

Many users may not know how to create a crypto wallet. That's why our platform provides easy guidelines for beginners.

November 20, 2025 5 min read [Read More](#) >

UI

Blog Post

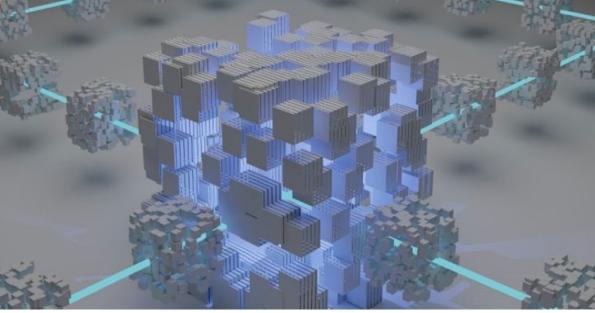
GIFT CARD

Home Gift Cards Blogs FAQs

All Blogs

How to Create a Crypto Wallet Easily

November 20, 2025 | Giftcard Team | 5 min read



How to Create a Crypto Wallet Easily

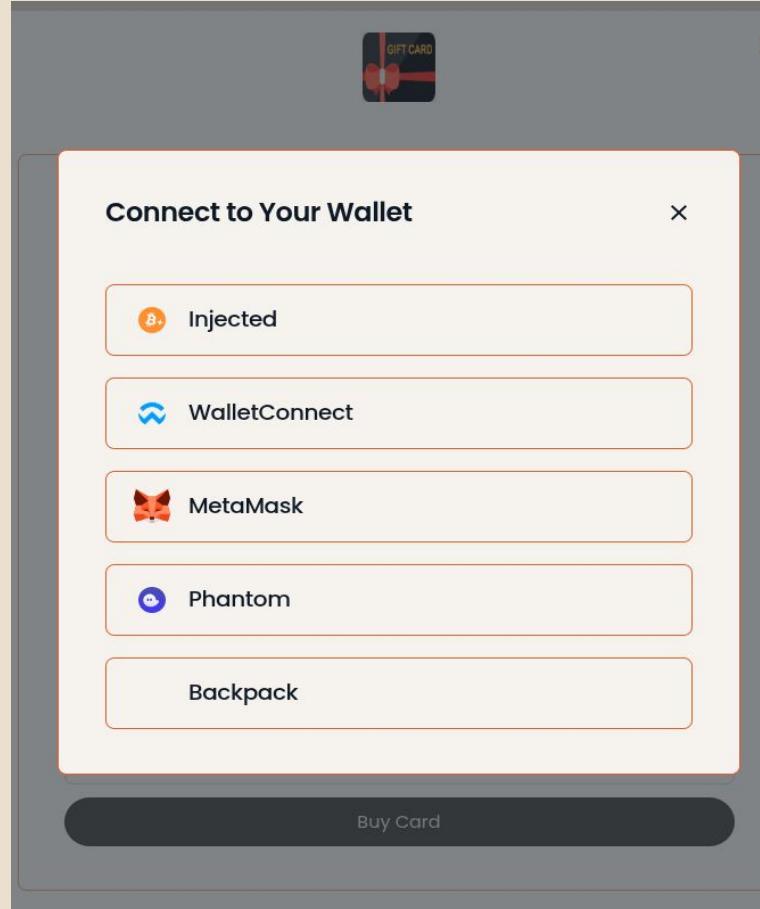
Many users may not know how to create a crypto wallet. That's why our platform provides easy guidelines for beginners.

Step 1: Download Wallet App

Users can download any of the following popular wallets—

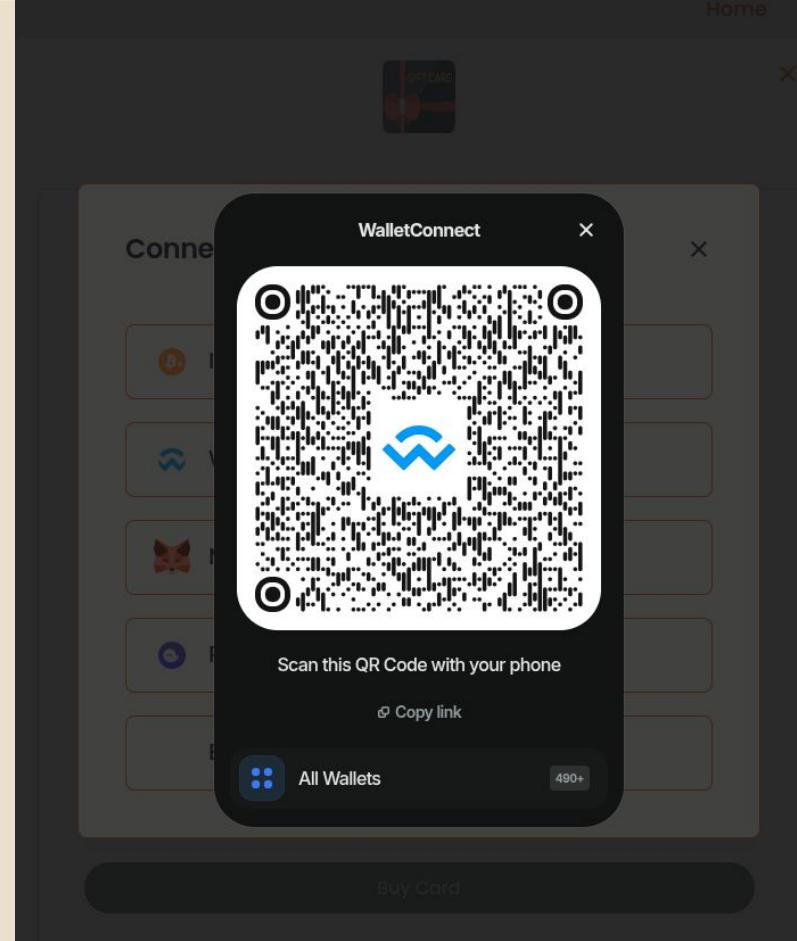
UI

Wallet Modal



UI

Wallet Connect Modal



UI

Checkout Modal

X

Email *

We will send the coupon code to this email.

Select Payment Method *

Crypto (Tron) - TRC Only

Connect your wallet

Payment by Scanning QR Code

Or

Connect TronLink Wallet

Total Amount *

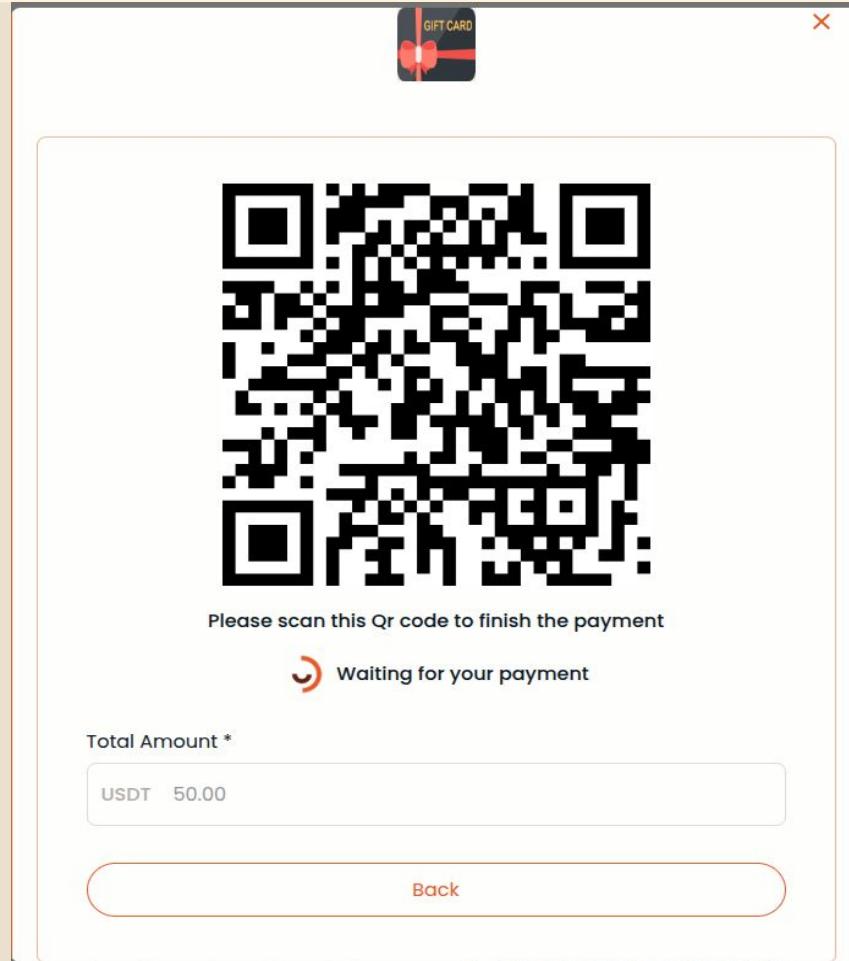
USDT 24.00

TRX Price: \$0.2752 USD
You will pay approximately: 88.94 TRX

Buy Card

UI

Qr code pay Modal



UI

Admin Dashboard

The dashboard features a header with a logo, navigation links (Dashboard, Orders & income, Gift Cards), and user profile icons. Key metrics are displayed in large cards: Total orders (4), Total income (1.70 USDT), and Total Available cards (12). A central chart shows daily income over the last 15 days, with a significant peak on the 23rd. The 'Recently added' section lists various gift card types with their purchase dates. The 'Recent Orders' table provides a detailed view of a single transaction.

Total orders
4

Total income
1.70 USDT

Total Available cards
12

Income Overview
USDT 1.70
0.00% Last Month

Recently added

Gift Card Type	Purchase Date
Amazon Global Online Shopping Electronic Spending Voucher Card	11/23/2025
Spotify Student Premium Discount Streaming Voucher Card	11/23/2025
Apple App Store Premium Digital Spending Balance Card	11/23/2025
Google Play Digital Store Apps Games Shopping Gift Card	11/23/2025
Netflix Three-Month Global Streaming Entertainment Bundle Card	11/23/2025
Roblox Premium Robux Recharge Online Gaming Gift Card	11/23/2025
Xbox Live Gold Subscription Online Multiplayer Access Card	11/23/2025
Netflix Premium Global Streaming Subscription Access Gift Card	11/18/2025

Recent Orders

SL no.	TXID	Email	Gift Card	Card Value	Code	Date	Total Price (USDT)	Payment Method
1	#	yousufsakib29603@gmail.com	Uber Ride and Delivery Digital Wallet Recharge Card	\$1	05J6-46F9-SN19-3GVV	11/23/2025	0.40	Tron USD

UI

Orders & Income

The screenshot displays a user interface for managing orders and income. At the top, there's a navigation bar with links to Dashboard, Orders & Income, and Gift Cards. On the right side of the header are icons for a bell通知, a profile picture, and a search bar.

Below the header, there are two main summary sections:

- Total orders:** 4 (represented by a red number)
- Total income:** \$1.70 USDT (represented by a red number)

Under the "All Orders" section, there is a table with the following data:

SL no.	TXID	Email	Gift Card	Card Value	Code	Date	Total Price (USD)	Payment Method
1	#	yousufsokib29603@gmail.com	Uber Ride and Delivery Digital Wallet Recharge Card	\$1	05J6-46F9-SN9-3GVV	11/23/2025	0.40	Tron USD
2	#d16b0...b2485	yousufsokib29603@gmail.com	Uber Ride and Delivery Digital Wallet Recharge Card	\$1	05J6-46F9-SN9-3GVV	11/23/2025	0.40	Tron USD
3	#e1a79...52520	yousufsokib29603@gmail.com	Uber Ride and Delivery Digital Wallet Recharge Card	\$1	315Y-BOJR-RW0-B0TC	11/23/2025	0.40	Tron USD
4	#4d25d...c1478	yousufsokib29603@gmail.com	Google Play Digital Apps Movies Games Purchase Gift Card	\$1	N4R0-WGND-BHP-C-W33Q	11/18/2025	0.50	Tron USD

At the bottom of the table, it says "1-4 of 4 items". To the right of the table are navigation arrows for pagination.

UI

Cards Management

The screenshot shows a user interface for managing gift cards. At the top, there's a navigation bar with 'Dashboard', 'Orders & Income', and 'Gift Cards'. On the right, there are user icons and a notification for 'Total Available cards 12'. Below the header, there's a decorative graphic of three gift cards with values \$50, \$60, and \$30. A large orange button on the right says '+ Add new card'.

Product Code	Gift Card	Card Value	Date	Price (USD\$)	Stock Count	Status	Actions
#692343e72ef7bd39d521141d	Amazon Global Online Shopping Electronic Spending Voucher Card	\$40	11/23/2025	39.00	2	ACTIVE	
#6923437c2ef7bd39d52113dd	Spotify Student Premium Discount Streaming Voucher Card	\$28	11/23/2025	25.00	3	ACTIVE	
#692342de92ef7bd39d521130d	Apple App Store Premium Digital Spending Balance Card	\$52	11/23/2025	50.00	3	ACTIVE	
#6923427b2ef7bd39d52112d1	Google Play Digital Store Apps Games Shopping Gift Card	\$25	11/23/2025	24.00	3	ACTIVE	
#6923420a2ef7bd39d5211298	Netflix Three-Month Global Streaming Entertainment Bundle Card	\$30	11/23/2025	28.00	3	ACTIVE	
#6923419b2ef7bd39d5211264	Roblox Premium Robux Recharge Online Gaming Gift Card	\$20	11/23/2025	19.00	3	ACTIVE	
#692340d2ef7bd39d5211201	Xbox Live Gold Subscription Online Multiplayer Access Card	\$30	11/23/2025	28.00	4	ACTIVE	
#691bfabb278fb2357597c552	Netflix Premium Global Streaming Subscription Access Gift Card	\$60	11/18/2025	57.00	1	ACTIVE	
#691bfabb278fb2357597c552	Other Digital and Physical Merchandise Credit	\$1	11/18/2025	0.40	11	ACTIVE	

UI

Add/Edit Card

The screenshot shows a user interface for managing gift cards. At the top, there's a navigation bar with links for Dashboard, Orders & Income, and Gift Cards. On the right side of the header are icons for settings and user profile.

The main content area has a breadcrumb navigation: Dashboard > Gift Cards > Edit Card. Below this is a title "Edit Card".

On the left, there's a section titled "Upload Image" which displays a thumbnail of an Amazon gift card.

The central part of the screen is divided into sections:

- Basic Information:** Contains fields for "Gift Card Name" (Amazon Global Online Shopping Electronic Spending Voucher Card) and "Gift Card Description" (a detailed text block about the card).
- Card Value:** Shows a value of \$ 40.
- Price:** Shows a value of USDT 39.
- Additional Information:** Contains fields for "Gift card code" (N4RO-WGND-5HPC-W33Q and OC5M-Q00Z-58HM-0IKX) and a button "+ Add another code".
- Status:** A dropdown menu set to "Active".

At the bottom are two buttons: "Save" (in red) and "Cancel".

Future Work

- **Category-Based Search**

Improve user experience by allowing card browsing and filtering through specific categories.

- **Reduced Payment Processing Time**

Optimize payment flow to make purchases faster and smoother for users.

- **Support for More Blockchain Ecosystems**

Integrate additional blockchain networks to increase flexibility and payment options.

Thank You