

USER MANUAL

Section 0: Installation Guide (New Section - Add before Section 1)

0.1 System Requirements

Server Requirements:

- **Operating System:** Linux (Ubuntu 20.04+ recommended) or Windows Server 2019+
- **Web Server:** Apache 2.4+ with mod_rewrite or Nginx 1.18+
- **PHP:** Version 8.0 or higher with extensions:
 - mysqli/pdo_mysql
 - gd/imagemagick
 - mbstring
 - json
 - xml
 - zip
 - openssl
 - curl
 - fileinfo
- **Database:** MySQL 8.0+ or MariaDB 10.5+
- **Storage:** Minimum 10GB free space (50GB+ recommended for game assets)
- **Memory:** 4GB RAM minimum (8GB+ recommended)
- **SSL Certificate:** Required for production (Let's Encrypt acceptable)

Client Requirements:

- Modern web browser (Chrome 90+, Firefox 88+, Safari 14+, Edge 90+)
- JavaScript enabled
- Cookies enabled

0.2 Pre-Installation Checklist

Before beginning installation:

- [] Domain name registered and DNS pointed to server
- [] Server access credentials (SSH/FTP)
- [] Database credentials (root or user with CREATE DATABASE privileges)
- [] SMTP server details (for email notifications)
- [] Payment gateway credentials (Stripe/PayPal - if applicable)
- [] CDN account (optional but recommended - CloudFlare/AWS CloudFront)

0.3 Installation Methods

Method A: Automated Installation (Recommended)

Using Installation Wizard:

1. Upload Files:

- Download latest GameHub release from repository
- Extract to web root directory (e.g., /var/www/html/ or public_html/)

- Set permissions: chmod -R 755 /var/www/html/ and chown -R www-data:www-data /var/www/html/

2. Create Database:

- Log into MySQL: mysql -u root -p
- Create database: CREATE DATABASE gamehub CHARACTER SET utf8mb4 COLLATE utf8mb4_unicode_ci;
- Create user: CREATE USER 'gamehub_user'@'localhost' IDENTIFIED BY 'secure_password';
- Grant privileges: GRANT ALL PRIVILEGES ON gamehub.* TO 'gamehub_user'@'localhost';
- Exit: FLUSH PRIVILEGES; EXIT;

3. Run Web Installer:

- Navigate to <https://yourdomain.com/install/>
- Follow wizard steps:
 - **Step 1:** Environment check (PHP extensions, permissions)
 - **Step 2:** Database configuration (host, database name, user, password)
 - **Step 3:** Admin account creation (username, email, password)
 - **Step 4:** Site configuration (site name, URL, timezone, currency)

- **Step 5:** Email configuration (SMTP host, port, username, password)
- **Step 6:** Installation confirmation and cleanup

4. Post-Installation Security:

- Delete /install/ directory immediately
- Change default admin URL (optional but recommended)
- Update config.php permissions to 640

Method B: Manual Installation

For advanced users or custom server configurations:

1. Database Setup:

- Import schema: mysql -u gamehub_user -p gamehub < database/schema.sql
- Import initial data: mysql -u gamehub_user -p gamehub < database/seed_data.sql

2. Configuration File:

- Copy config.example.php to config.php
- Edit with your settings:

php

```
define('DB_HOST', 'localhost');

define('DB_NAME', 'gamehub');

define('DB_USER', 'gamehub_user');
```

```
define('DB_PASS', 'your_secure_password');

define('SITE_URL', 'https://yourdomain.com');

define('ADMIN_EMAIL', 'admin@yourdomain.com');

define('SECRET_KEY', 'random_32_character_string');
```

3. Directory Permissions:

bash

```
chmod 755 uploads/
chmod 755 uploads/games/
chmod 755 uploads/avatars/
chmod 755 cache/
chmod 755 logs/
```

4. Web Server Configuration:

For Apache (.htaccess should exist):

- Ensure AllowOverride All is set in virtual host configuration
- Enable mod_rewrite: a2enmod rewrite

For Nginx: Add to server block:

nginx

```
location / {
    try_files $uri $uri/ /index.php?$query_string;
}
```

```
location ~ \.php$ {  
    fastcgi_pass unix:/var/run/php/php8.0-fpm.sock;  
    fastcgi_index index.php;  
    include fastcgi_params;  
}
```

0.4 Post-Installation Configuration

Essential Settings (Configure Before Going Live)

1. Security Hardening:

- Change default admin panel URL from /admin/ to custom path (e.g., /manage/ or /controlpanel/)
- Enable two-factor authentication for admin accounts
- Set up IP whitelisting for admin access
- Configure automated security scans

2. Email Configuration:

- Test email delivery (registration, password reset, order confirmations)
- Set up SPF and DKIM records for domain
- Configure SMTP fallback for high-volume periods

3. Payment Processing:

- Enable test mode initially
- Configure Stripe/PayPal API keys
- Set up webhook endpoints for payment notifications

- Test complete purchase flow with test credentials

4. Content Delivery Network (CDN):

- Configure CloudFlare or alternative CDN
- Set up caching rules for static assets
- Enable image optimization
- Configure SSL/TLS settings

5. Backup Configuration:

- Set up automated daily database backups
- Configure off-site backup storage (AWS S3, Google Cloud Storage)
- Test backup restoration procedure
- Set up backup failure alerts

0.5 Verification Checklist

Before declaring installation complete:

Functionality Testing:

- [] User registration and login
- [] Game browsing and search
- [] Shopping cart and checkout process
- [] Payment processing (test mode)
- [] Email notifications (registration, order confirmation)
- [] Admin panel access and all sections
- [] Forum creation and posting
- [] File uploads (game images, avatars)

Security Verification:

- [] SSL certificate valid and auto-renewing
- [] Admin panel accessible only via HTTPS
- [] SQL injection protection tested
- [] XSS protection verified
- [] File upload restrictions working
- [] Rate limiting active on login forms

Performance Checks:

- [] Page load times under 3 seconds
- [] Database queries optimized
- [] Image compression enabled
- [] Browser caching configured
- [] Gzip compression enabled

0.6 Troubleshooting Installation Issues

"500 Internal Server Error" during installation:

- Check PHP error logs: /var/log/apache2/error.log or /var/log/nginx/error.log
- Verify .htaccess file exists and is readable
- Check PHP version compatibility: php -v
- Increase PHP memory limit in php.ini: memory_limit = 256M

"Database connection failed":

- Verify database credentials in config.php

- Test connection manually: mysql -u gamehub_user -p -h localhost
- Check if MySQL is running: sudo systemctl status mysql
- Verify database exists: SHOW DATABASES; in MySQL

"Permission denied" on file uploads:

- Check directory ownership: ls -la uploads/
- Set correct ownership: sudo chown -R www-data:www-data uploads/
- Verify PHP running as correct user

"Unable to send email":

- Test SMTP settings with external tool (e.g., Mailtrap)
- Check firewall rules for outbound port 587/465
- Verify DNS records (SPF, DKIM, DMARC)
- Check email logs in logs/mail.log

White screen after installation:

- Enable PHP error display temporarily in php.ini: display_errors = On
- Check for missing PHP extensions: php -m
- Verify config.php syntax: php -l config.php

0.7 Updating from Previous Versions

Before Updating:

- Create full backup (database + files)
- Put site in maintenance mode

- Check release notes for breaking changes

Update Procedure:

1. Download update package
2. Extract to temporary directory
3. Run database migrations: `php migrate.php`
4. Replace core files (preserve `config.php` and `uploads/` directory)
5. Clear cache directory
6. Test critical functionality
7. Remove maintenance mode

Rollback Plan:

- Keep previous version backup for 48 hours
- Document database schema changes
- Test rollback procedure on staging environment

1. Introduction

Welcome to GameHub, your premier destination for discovering and purchasing the latest video games. This user manual will guide you through all the features and functionalities of our website, helping you make the most of your gaming experience.

Website URL: <http://simple666.free.nf/513/w13/index.php>

2. Quick Start

2.1 Accessing the Website

Visit our website using any modern web browser (Chrome, Firefox, Safari, Edge). JavaScript must be enabled for full functionality.

2.2 Registering a New Account

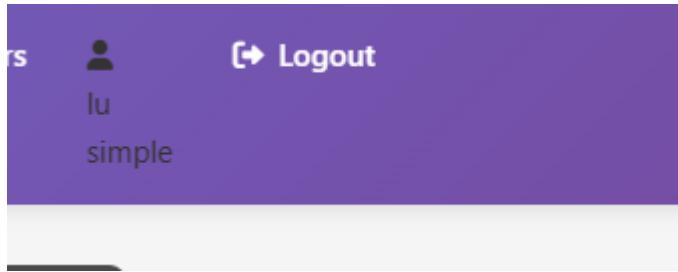
Click "Register" in the top navigation bar
Fill in the registration form with your details
Submit the form to create your account

The screenshot shows a registration form titled "Register" at the top. Below the title, the date "November 25, 2025" is displayed. The form contains several input fields: "First Name" and "Last Name" (both with placeholder "First Name" and "Last Name"), "Email" (placeholder "Email Address") marked with a red asterisk, "Feedback" (placeholder "Feedback"), "Phone" (placeholder "Phone"), "address_line_1" (placeholder "address_line_1"), "postal_code" (placeholder "postal_code"), and "city" (placeholder "city"). At the bottom of the form is a blue "Subscribe" button.

2.3 Login/Logout

Click "Login" in the navigation bar
Enter your username and password
Click "Logout" when finished (visible after logging in)

The screenshot shows a user login form titled "User Login". The form includes instructions: "Please enter your first name, last name, and email". It has three input fields: "First Name" (placeholder "Enter your first name"), "Last Name" (placeholder "Enter your last name"), and "Email Address" (placeholder "Enter your registered email"). Below the "Email Address" field is a note: "Must match your registration email". There is a checkbox labeled "Remember me for 30 days" and a "Login" button with a right-pointing arrow icon. At the bottom of the form, there are links: "Don't have an account? [Create Account](#)" and "Need help? [Contact Support](#)".

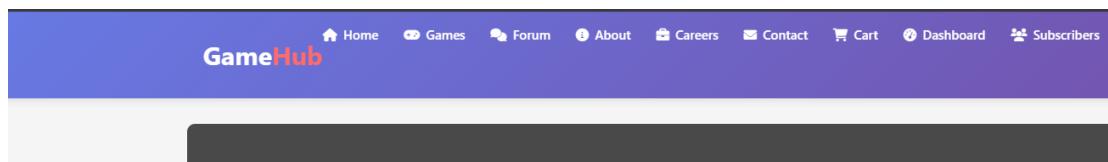


3. Website Navigation & Browsing

3.1 Main Navigation Menu

The top navigation bar includes:

- Home:** Return to the main page
- Games:** Browse our game collection
- Forum:** Community discussions
- About:** Company information
- Careers:** Job opportunities
- Contact:** Contact our team
- Cart:** View your shopping cart
- Login/Register:** Account access



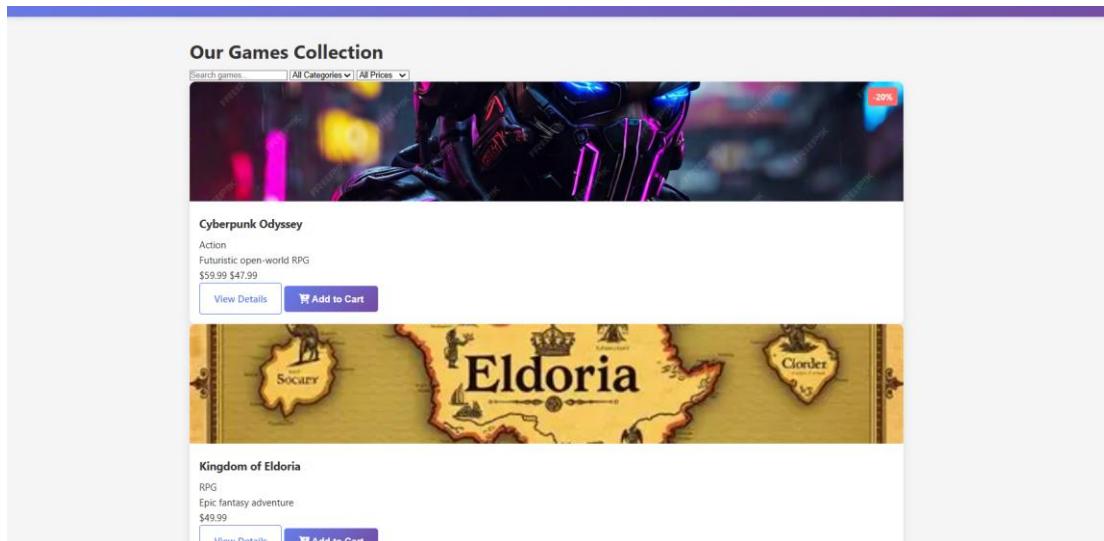
3.2 Browsing Games

Click "Games" in the main menu

View the game collection with images, prices, and descriptions

Use filters to sort by category, price range, or search by name

Click any game to view detailed information



3.3 Game Details Page

Each game includes:

Game title and developer information

Detailed description

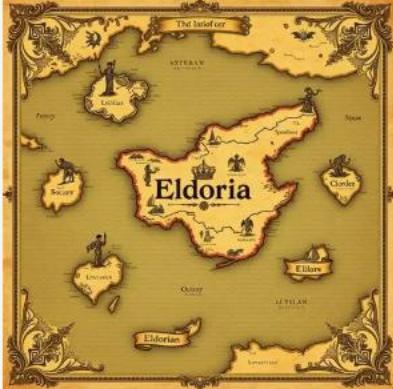
Price and discount information

Platform compatibility

Game features and rating

"Add to Cart" and "View Details" buttons

GameHub



Kingdom of Eldoria

By Fantasy Forge
RPG ★★★★☆ (4.5)
\$49.99

[Add to Cart](#) [Add to Wishlist](#)

Release Date: August 22, 2023
Publisher: Epic Games
Platforms: PC, PS5, Switch

Description
Embark on a quest through magical realms, battle mythical creatures, and uncover ancient secrets in this expansive fantasy RPG.

Key Features

- Fantasy World
- Magic System
- Companion System
- Side Quests

System Requirements

Minimum:
OS: Windows 10
Processor: Intel Core i5
Memory: 8 GB RAM
Graphics: NVIDIA GTX 1060
Storage: 50 GB available space

Support
Need help with your purchase?
[Contact Support](#)

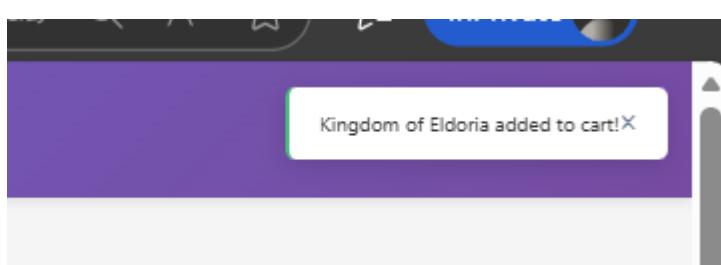
4. Shopping Cart & Checkout

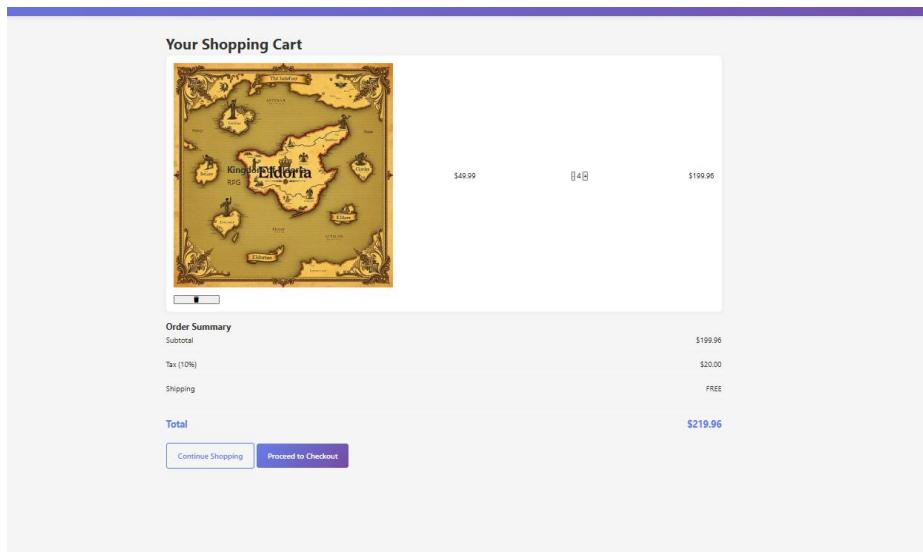
4.1 Adding Games to Cart

On any game page, click "Add to Cart"

A confirmation message will appear

The cart icon will update with item count



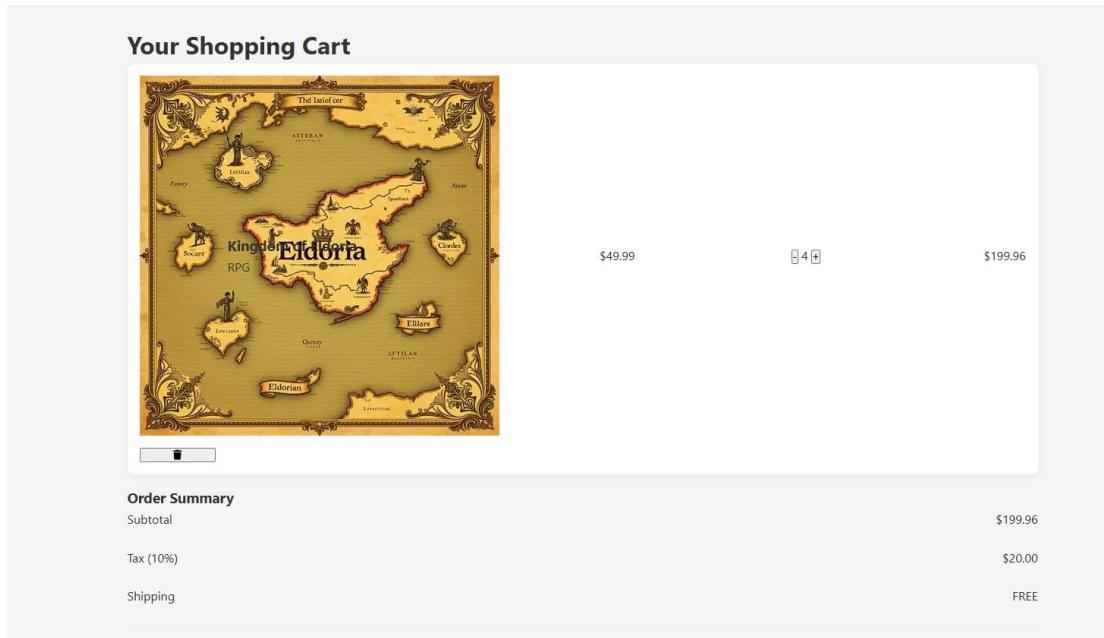


4.2 Viewing and Editing Cart

Click the shopping cart icon in the top menu

View all items in your cart

Modify quantities or remove items as needed



4.3 Checkout Process

From the cart page, proceed to checkout

Login is required for checkout

Fill in required information

Review your order

Complete the purchase (in demo mode)

The screenshot shows a "Checkout" page with two main sections: "Billing Information" and "Payment Information".

Billing Information:

- Full Name *: [Input field]
- Email *: [Input field] (Value: 123@163.com)
- Address *: [Input field]
- City *: [Input field]
- ZIP Code *: [Input field]
- Country *: [Input field] (Value: Select Country)

Payment Information:

- Name on Card *: [Input field]
- Card Number *: [Input field]
- Expiry Date *: [Input field] (Value: MM/YY)
- CVV *: [Input field]

Order Summary:

- Kingdom of Eldoria x 4 \$199.96
- Subtotal \$199.96
- Tax \$20.00

Buttons:

- Complete Purchase (Blue button)

5. User Account Features

After logging in, you can:

- Access the subscribers list (if authorized)
- Participate in forum discussions

6. Contact & Support

6.1 Contact Form

- Navigate to the "Contact" page
- Fill out the contact form with your message
- Submit to send feedback to our team

Contact Us

Have questions, feedback, or need support? We're here to help! Fill out the form below and we'll get back to you as soon as possible.

Contact Information

Our Location

123 Gaming Street
Tech City, TC 10001
United States

Phone Numbers

Support: +1 (555) 123-4567
Sales: +1 (555) 987-6543
24/7 Support Available

Email Addresses

Support: support@gamethub.com
Business: contact@gamethub.com
Careers: careers@gamethub.com

Business Hours

Monday - Friday: 9:00 AM - 6:00 PM
Saturday: 10:00 AM - 4:00 PM
Sunday: Closed

Frequently Asked Questions

Send us a Message

Fill out the form below and we'll get back to you promptly.

Full Name *

Enter your full name

Minimum 2 characters

Email Address *

Enter your email address

We'll send a confirmation to this email

Subject *

What is this regarding?

Brief description of your inquiry

Message *

Please provide details about your inquiry...

Be as detailed as possible

0 / 5000 characters

Send Message
 Clear Form

6.2 Forum Support

- Visit the Forum section
- Browse existing discussions
- Create new topics for questions or discussions
- Follow community guidelines for respectful communication

Community Forum

Welcome to our community forum! Share your thoughts, ask questions, and connect with other gamers.

Create New Post

Your Message:

What's on your mind? Share your thoughts with the community...

0 / 2000 characters

Publish Post
 Clear

Recent Discussions

lu simple You

December 2, 2025 at 04:14

Just finished Cyberpunk Odyssey! The open world is absolutely stunning. Anyone else playing it?

Post #3

0 replies

lu simple You

December 2, 2025 at 04:14

Just finished Cyberpunk Odyssey! The open world is absolutely stunning. Anyone else playing it?

Post #3

0 replies

7. Troubleshooting (Users)

Common Issues and Solutions:

1. Login Issues

Verify username and password
Clear browser cache and cookies

2. Shopping Cart Problems

Ensure you're logged in
Refresh the page if items don't appear
Check if the game is in stock

3. Website Loading Issues

Clear browser cache: Ctrl+Shift+Delete (Windows) or CMD+Shift+Delete (Mac)
Try a different browser
Check your internet connection

4. Form Submission Problems

Ensure all required fields are completed
Check for error messages
Try submitting again

5. Forum Access Issues

Ensure you're logged in to post
Refresh the forum page
Contact support if problems persist