

## NEXTLIFE DOCUMENTATION V1.4

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## Server requirements

**To install the Script minimum server requirements are:**

1. Node.js 18 or later
2. NPM
3. MongoDB 5 or later

### **Supported Platforms:**

1. Compatible Browsers (Chrome, Firefox, Safari, Edge)
2. Compatible Operating Systems (MacOS, Windows, and Linux)

## Quick Installation

**To install the script, follow the steps below:**

1. Extract the downloaded zip file on your PC.
2. Upload the installer.zip file to your server in any directory you want to run the application.
3. Extract the zip file in that directory.
4. Open .env.local file.
5. Set MONGO\_URI: Your MongoDB Connection String URI. [Demo](#) (Required).
6. NEXT\_PUBLIC\_URL: Your website home URL (Required).
7. NEXTAUTH\_URL: Your websites home URL (Required).
8. GOOGLE\_CLIENT\_ID: Google OAuth client id (Optional) (Note: If you want to activate the Google login feature).

9. GOOGLE\_CLIENT\_SECRET: Google OAuth client secret (Optional) (Note: If you want to activate the Google login feature).
10. FACEBOOK\_CLIENT\_ID: Facebook OAuth client id (Optional) (Note: If you want to activate the Facebook login feature).
11. FACEBOOK\_CLIENT\_SECRET: Facebook OAuth client secret (Optional) (Note: If you want to activate the Facebook login feature).
12. AWS\_REGION: Amazon web service s3 bucket region (Required).
13. AWS\_BUCKET\_NAME: Amazon web service s3 bucket name (Required).
14. AWS\_ACCESS\_KEY\_ID: Amazon web service s3 bucket secret access key id (Required).
15. AWS\_SECRET\_ACCESS\_KEY: Amazon web service s3 bucket secret access key (Required).
16. AWS\_S3\_DOMAIN: Amazon web service s3 bucket URL (Required). Amazon S3 virtual hosted style URLs use the following format ([bucket-name.s3.Region.amazonaws.com](#)). Example [my-bucket.s3.us-west-2.amazonaws.com](#). In this example, my-bucket is the bucket name, and US West (Oregon) is the Region. For demo data use ([next-life-s3.s3.ap-southeast-1.amazonaws.com](#))
17. EMAIL\_SMTP\_SERVER: Smtplib server (Required).
18. EMAIL\_SMTP\_PORT: Smtplib server port (Required).
19. EMAIL\_SMTP\_USERNAME: Smtplib server username (Required).
20. EMAIL\_SMTP\_PASSWORD: Smtplib server password (Required).
21. EMAIL\_FROM\_ADDRESS: The email address of the sender. Email address can be plain 'sender@server.com' or formatted "Sender Name" <sender@server.com>. Example **NEXT LIFE** <foo@example.com> (Required).
22. NEXT\_PUBLIC\_PAYPAL\_CLIENT\_ID: PayPal payment gateway client id.
23. NEXT\_PUBLIC\_STRIPE\_API\_KEY: Stripe payment gateway API key.
24. NEXT\_PUBLIC\_STRIPE\_API\_SECRET\_KEY: Stripe payment gateway API secret key.
25. NEXT\_PUBLIC\_SSLCOMMERZ\_ID: Sslcommerz payment gateway id.
26. NEXT\_PUBLIC\_SSLCOMMERZ\_PASS: Sslcommerz payment gateway password.
27. NEXT\_PUBLIC\_SSLCOMMERZ\_PAYMENT\_API\_URL: Sslcommerz payment gateway API URL ( for sandbox environment: <https://sandbox.sslcommerz.com/gwprocess/v4/api.php>, for live environment: <https://securepay.sslcommerz.com/gwprocess/v4/api.php>)
28. NEXT\_PUBLIC\_SSLCOMMERZ\_VALIDATION\_API\_URL: Sslcommerz payment gateway payment validation API URL ( for sandbox environment: <https://sandbox.sslcommerz.com/validator/api/validationserverAPI.php>,

a. For the live environment:

<https://securepay.sslcommerz.com/validator/api/validationserverAPI.php>

29. NEXT\_PUBLIC\_LOCAL\_FILE\_SOURCE: default value `false` for s3 bucket storage and `true` for local storage file server

30. NEXT\_PUBLIC\_RAZORPAY\_KEY: Razorpay Key

31. NEXT\_PUBLIC\_RAZORPAY\_SECRET: Razorpay Secret Key

## DEMO ENV FILE

```

MONGO_URI=mongodb://localhost:27017/next_life

NEXT_PUBLIC_URL=https://yourdomain.com
NEXTAUTH_URL=https://yourdomain.com

GOOGLE_CLIENT_ID=25813df5g5f786gdf4g5gd1.apps.googleusercontent.com
GOOGLE_CLIENT_SECRET=GOC1SPV-zzUdd96g54451sdg54185g41

FACEBOOK_CLIENT_ID=496d2d6g278569dgdg8989
FACEBOOK_CLIENT_SECRET=5e2s6s87dg52g52sg2g2sdsg21869

AWS_REGION=ap-southeast-1
AWS_BUCKET_NAME=my-app-storage
AWS_ACCESS_KEY_ID=A6DFS26H2F2S5SX1DFHS8565+6s1
AWS_SECRET_ACCESS_KEY=/6D5SGS2962GS2G6G2S962G5962G96S2Gh323663F
AWS_S3_DOMAIN=next-life-s3.s3.ap-southeast-1.amazonaws.com

EMAIL_SMTP_SERVER=smtp-relay.sendinblue.com
EMAIL_SMTP_PORT=587
EMAIL_SMTP_USERNAME=jondoe50056@tmail.com
EMAIL_SMTP_PASSWORD=5FH95F2F2DDf62F62DHD2HHD26H52D
EMAIL_FROM_ADDRESS=NEXT LIFE <foo@example.com>

NEXT_PUBLIC_PAYPAL_CLIENT_ID=652fgj2d6fh54df82dfhDF45GH6+5d6f+h26dh26dfh2d6fh26dh2h12d126h2d96

NEXT_PUBLIC_STRIPE_API_KEY=pk_test_51fh512f5128df485dh4185fch12
NEXT_PUBLIC_STRIPE_API_SECRET_KEY=sk_test_515hdf5hfdxhd12dh12h65c12

NEXT_PUBLIC_SSLCOMMERZ_ID=demo62dg2962s92sg962962gs92g62s
NEXT_PUBLIC_SSLCOMMERZ_PASS=demo12d8ssgsd5621s52g85sgss@ssl
NEXT_PUBLIC_SSLCOMMERZ_PAYMENT_API_URL=https://securepay.sslcommerz.com/gwprocess/v4/api.php
NEXT_PUBLIC_SSLCOMMERZ_VALIDATION_API_URL=https://securepay.sslcommerz.com/validator/api/validationserverAPI.php

```

## Installing Module

Run `npm install` in your terminal on the application directory.

## Preparing Database

Run `npm run seed` in your terminal on the application directory, this will prepare your database for this application.

Note:

1. If you already have application data in your specified collection in MongoDB, Don't run this command.
2. This command will delete all of your specified collection data in MongoDB to avoid data duplication and fill it up with the necessary data that is required for this application.

## Start the application

1. Run `npm install -g pm2`
2. Run `sudo pm2 startup systemd`
3. Run `npm run build` on the application directory (**Minimum RAM required 4GB**).
4. Run `sudo pm2 start npm --name "your application name" -- start` on the application directory (**For https**).
5. Run `sudo pm2 start npm --name "your application name" -- run start_dev` on the application directory (**For http**).
6. Run `sudo pm2 save`

## Default admin account info

**email:** demo@admin.com

**password:** 12345

## Quick Installation (Cpanel)

**To install the script, follow the steps below:**

1. Extract the downloaded zip file on your PC.
2. Extract the installer.zip file to your local computer.
3. Open the env.local file and fill up the required information.
4. Run npm run build on the application directory.
5. Compress all files in this directory in zip format.
6. Open cPanel file explorer and upload this zip file to any directory.
7. Extract the zip file.
8. Go to cPanel > Setup Node.js app.
9. Create a new application.
10. Select the Node.js version (Recommended version 18 or higher).
11. Select the Application mode to Production.
12. Insert Your Application URL.
13. Insert Your Application root directory path.
14. Application startup file: server.js
15. Start the application and stop it.
16. Click on the Run NPM Install button.

17. Start the application.

## Preparing Database

1. Click on the **Run JS script** button.
2. Choose script: **seed**.
3. Click on the **RUN JS SCRIPT** button.

### Note:

1. If you already have application data in your specified collection in MongoDB, Don't run this command.
2. This command will delete all of your specified collection data in MongoDB to avoid data duplication and fill up with the necessary data that is required for this application.

## Upload Products

There are several steps to uploading a product. Follow the instructions below:

1. Click on "**Products**" from the admin panel menu.
2. Then the "**add new Products**" button.
3. Product information – Need to fulfill the required data fields with proper data one by one.

## General information

1. **Thumbnail Image:** Upload product thumbnail image. Preferable size 300px x 300px
2. **Gallery Images:** Upload product main images. Preferable size 550px x 550px
3. **Product Name:** Insert a product name.
4. **Product Unit:** Insert the product **unit** like **pc, kg, ltr**, etc
5. **Product Unit Value:** Insert the product **unit value** like **1, 1.5, 2**, etc
6. **Product base price:** Insert the base price of the product.
7. **Product price discount:** Write the discount amount in percent based on the price. The value must be between 0 and 100, which can be a one-digit decimal value like 0.2
8. **Product Categories:** Select one or multiple categories from the dropdown list
9. **Product Subcategories:** Select one or multiple subcategories from the dropdown list
10. **Product Brand:** Select one brand from the dropdown list or leave it empty for non-brand products.
11. **Product Short Description:** Write a short description of the product
12. **Product Description:** Write a description of the product. You can add any image or video in this description box.

## Product Type

1. **New Product:** The product will appear in the **new products** section on the home page.
2. **Trending Product:** The product will appear in the **trending products** section on the home page.

3. **Best Selling Product:** The product will appear in the **best-selling products** section on the home page.
4. **Product Type:** Select product type from the dropdown list.
5. **Simple product:** Product with no variation.
6. **Variable Product:** Product with variation.

### Information for a simple product

1. **Item Quantity:** Insert the product's quantity. Insert -1 to make it unlimited
2. **Product SKU:** Insert a unique stock-keeping unit code number

### Information for variable product

1. **Product Colors:** You can select **multiple colors**.
2. **Product Attribute:** Choose the **attribute** of this product.
3. **Product attribute item:** You can select **multiple attribute items** from the dropdown list.

### Product Variant

1. **Additional Price:** Insert the **additional price** amount. when this variant is selected this amount will be concatenated with the base price. Insert **0** to make it free.
2. **Product SKU:** Insert a unique stock-keeping unit code number
3. **Item Quantity:** Insert this variant's quantity. insert **-1** to make it **unlimited**

4. **Image:** Select this variant's image from the gallery images

## SEO Meta Tags - This section is for social media sharing

1. **Meta Title:** Write a title that will appear on a shared link.
2. **Meta Description:** Write a short description that will appear on a shared link.
3. **Meta image:** Upload a single image for a shared link.

## Manage Application Settings

### Manage General Settings

1. For the General settings. follow the steps **admin panel > Settings > General settings.**
2. **Application Name:** Write the website name
3. **Home Page Title:** Write the website title
4. **System Default Currency:** Set website **currency**
5. **Currency exchange rate:** Input the currency exchange rate of the website's **current currency** with the **US Dollar**. this exchange rate is required for **payment gateway**

### Appearance Settings:

1. **Primary Color:** Select Website Base Color. (Hex Color Code)
2. **Primary Hover Color:** Select Website Base Hover Color (Hex Color Code)

3. Secondary Color: Select Website Secondary Color. (Hex Color Code)
4. Body Gray Color: Select the body gray color of the website. (Hex color code).  
This color will change the background colors of the navigation bar, footer, etc.

## **Manage Layout Settings**

For Layout settings:

1. Follow the steps **admin panel > Settings > Layout settings**.

### **Header Settings:**

1. Enter a phone number and short address. It will appear at the top of the navigation bar

### **Footer Settings:**

1. Input the required field and copyright information. It will appear in the website footer area

### **Footer Widget:**

1. Change the text content of the footer widget. It will appear at the top of the footer.

## **Manage Graphics Content Settings**

1. For Layout settings. follow the steps **admin panel > Settings > Graphics Content**.

## **Features Activation Setup**

1. For Features Activation. follow the steps **admin panel > Settings > Script.**
2. **Google Site Verification ID:** Insert your Google Site verification ID
3. **Google Analytics Id:** Insert Google Analytics tracking ID
4. **Facebook App Id:** Insert your Facebook app ID
5. **Facebook Pixel ID:** Insert your Facebook pixel ID
6. **Facebook Messenger Page ID:** Insert the Facebook messenger page ID and reload the homepage

## Payment Methods Configuration

1. For Payment Methods Configuration. follow the steps **admin panel > Settings > Payment Gateway.**
2. Switch on by clicking the switches of the methods that you want to activate.

### **NOTE:**

Before activating the switch, please be sure that you have entered the required procedure information in the **".env.local"** file. If you do not, open the file **".env.local"** and fill in the required information for the **payment gateway** then **restart** the application

## Social Media login

1. For Social Media login configuration. follow the steps **admin panel > Settings > Social Media Login.**
2. Switch on by clicking the switches of the methods that you want to activate.

### **NOTE:**

Before activating the switch, please be sure that you have entered the required procedure information in the **".env.local"** file. If you do not, open the file **".env.local"** and fill in the required information for the **social media login** then **restart** the application

# Setup Website Pages

## Setup Homepage

- For Setup Homepage. follow the steps **admin panel > Page Settings > Home Page.**

## Home header slider

- Go to the header carousel then click on "Add new header carousel item". Fill in the required information and desired URL.

**Note:** URL format "[/product/starbucks-vanilla-latte-41459d5gs](#)"

## Home header carousel background:

- Go to the header carousel then click on "Header carousel background" to update the background

## Home Banner:

- Go to the banner then fill in the required information and desired URL.

**Note:** URL format "[/gallery/demo](#)"

## Product Review Card:

- Click on the edit button on a specific field and fill in the required information and desired URL

**Note:** URL format "[/gallery/demo](#)"

## Manage Other Pages

- For Setup of Other Pages. follow the steps **admin panel > Page Settings > Your Page.**

## Setup Shipping Charges

### Modify Shipping Charges:

For Modify Shipping Charges. follow the steps **admin panel > Shipping Charges > Modify Shipping Charges.**

### Add New Shipping Area:

Insert the area name and the charge amount to add a new shipping area

### International Shipping Charge:

Enter the number of international shipping charges in the current currency of the website

## Global Seo

For Modify Global Seo data. follow the steps **admin panel > Settings > Seo.**

- **Meta Title-** Fill up the meta title.
- **Meta Description-** Fill up the section of meta description
- **Keywords-** Input keywords.
- **Meta Image-** Upload meta image.
- **Sitemap.xml-** Insert your sitemap.xml file content in XML format to update the sitemap
- **Robots.txt-** Insert your robots.txt file content to update the robots.txt file

## AWS S3 Configuration

1. Go to AWS Management Console
2. Go to **S3** Service
3. Click on **Create Bucket**
4. Insert **Bucket Name (Copy this name for application)**
5. Select **AWS Region (Copy this name for the application)**
6. Remove the selection from **Block all public access**
7. Select **I acknowledge that the current settings might result in this bucket and the objects within becoming public.**
8. Click on **Create Bucket**
9. Go to your created bucket
10. Click on **permissions**
11. Go to **Bucket Policy**
12. Click on **the Edit** Button
13. Click on **Policy Generator**
14. Select Type of policy: **S3 Bucket Policy**
15. Effect: **Allow**
16. Principal: \*
17. Action: Select **GetObject, PutObject, DeleteObject**
18. Amazon Resource Name: **arn:aws:s3:::your\_bucket\_name/\*** (Please follow the format, only change the bucket name)
19. Click on **Add Statement**
20. Click on **Generate Policy**
21. Copy the **JSON data**
22. Go to bucket policy again and past the **JSON data**

[Demo data :](#)

```

{
  "Version": "2012-10-17",
  "Id": "Policy6514561dsf62dsa651511",
  "Statement": [
    {
      "Sid": "Stmt484151safs145",
      "Effect": "Allow",
      "Principal": "*",
      "Action": [
        "s3:GetObject",
        "s3:PutObject",
        "s3:DeleteObject"
      ],
      "Resource": "arn:aws:s3:::lorem-ipsum-s3/*"
    }
  ]
}

```

- Click **save changes**
- Go to **permissions** again
- Go to the **Cross-origin resource sharing (CORS)** tab
- Pest this or you can modify this JSON for your domains:

```

[
  {
    "AllowedHeaders": [
      "*"
    ],

```

```

    "AllowedMethods": [
      "PUT",
      "HEAD",
      "GET"
    ],
    "AllowedOrigins": [
      "*"
    ],
    "ExposeHeaders": []
  }
]

```

- Click on **Save Changes**
- Go to **Services > Security, Identity & Compliance > IAM**
- Go to **Policies**
- Click on **Create Policy**
- Service: **S3**
- Actions: **write > select PutObject and DeleteObject**
- Resources: **Specific & Click on Add ARN(s)**
- Bucket Name: Insert your created **bucket name**
- Object Name: select **any**
- Click **Add**
- Save the policy
- Go to **Users & Click Add Users**
- User Name: Insert **UserName**
- access Type: **Programmatic access**
- Go to **permissions**
- Select **Attach Existing Policies Directly**
- Select your created **policy**
- Create the user
- Copy the **Access Key ID, Secret access key, Bucket name, and AWS region** for the application.

## Google login API configuration

To configure Google login API follow the steps below:

Go to [Integrating Google Sign-In into your web app](#).

Click on Configure A Project.

Give your project/application name and click next.

Configure the OAuth client by selecting web server and give your Authorized redirect URIs.

Note:

Authorized redirect URI must be in this format

[https://YOUR\\_DOMAIN/api/auth/callback/google](https://YOUR_DOMAIN/api/auth/callback/google). must include your full domain and end in the callback path

(example: <https://example.com/api/auth/callback/google>) and click on Create.

Then you will get the Client ID and Client Secret.

## Facebook login API configuration

**Documentation:**

[Manually Build a Login Flow - Facebook Login - Documentation - Facebook for Developers](#)

**Configuration:**

[App Dashboard](#)

**Note:**

The authorized redirect URI must be in this format

[https://YOUR\\_DOMAIN/api/auth/callback/facebook](https://YOUR_DOMAIN/api/auth/callback/facebook). must include your full domain and end in the callback path

(example:<https://example.com/api/auth/callback/facebook>) and click on Create.

Then you will get the Client ID and Client Secret.

## Update Application - Virtual Private Server

1. [Before updating, back up your application directory and database.](#)
2. Use ``[sudo pm2 stop 'all'](#)`` to stop all applications.
3. Download the updated package from CodeCanyon.
4. Extract the installer.zip file on your local computer (If your server doesn't have a minimum of 4GB of RAM. The build process requires a huge chunk of memory).
5. Open the **.env.local** file and fill up the required information.
6. Use ``[npm install](#)`` to install the required packages.
7. Use ``[npm run build](#)`` to build the application.
8. Compress this entire folder without ``**node\_modules**``.
9. Upload it to your server and extract, and replace all the files and folders in the application directory with these updated files.
10. Use ``[npm install](#)`` to install the required packages on your server.
11. Use ``[sudo pm2 start 'all'](#)`` to start all applications.

## Role-based administration

For Modify Role-based administration, follow the steps **admin panel > Manager**

### **Create new staff:**

1. Provide staff name, surname, email, and password.
2. Select Staff permissions for every single field.

**View:** permission for viewing page content.

**Edit:** permission for editing and creating new items.

**Delete:** permission for deleting items.

## S3 Bucket to local storage

**For transferring storage from the S3 bucket to local hosting storage:**

1. Copy all your S3 bucket data to the **application directory > public > uploads**.
2. Open the **env.local** file and set the **NEXT\_PUBLIC\_LOCAL\_FILE\_SOURCE** field value to **true**.
3. Set your website's home URL as the value of the **NEXT\_PUBLIC\_URL** field.
4. Go to the application directory, open the terminal, and run the command **npm run s3tolocal**.
5. restart the application.