

# User's Guide

[GitHub](#)

## **Local run:**

- **Clone the files form GitHub**

```
$ git clone https://github.com/shakedarish/Final-Project.git  
$ cd <project_directory>
```

- **Install Node.js and npm**

Make sure you have Node.js installed (version 20 or later) as it includes npm (Node Package Manager), which is essential for managing project dependencies.

Check version and install if needed:

```
$ node --version  
$ npm --version
```

Download the installer from the [Node.js website](#).

- **Run client**

On first run of the client run this command in order to install all the required dependencies listed in package.json file for the React client.

```
$ npm install
```

Run client:

```
$ npm start
```

If the browser does not open automatically, simply copy, and paste the following URL into your preferred web browser to view the application running locally: <http://localhost:3000>

- **Run server**

Assuming you are in the main project directory root, first use the following command to change into the server directory:

```
$ cd server
```

Create .env file under server directory that contain the following secrets:

```
# open AI #
OPEN_AI_KEY=sk-6QmTG509YFpXeCvGkB6lT3B1bkFJ0nJW6kQpqBDizkb80TMJ

OPEN_AI_MODEL=gpt-3.5-turbo
OPEN_AI_BASE_URL=https://api.openai.com/v1/chat/completions

# Azure TTS #
TTS_API_KEY=9b601e0af2fc4d28978f51c8cc806131
TTS_URL=https://westeurope.tts.speech.microsoft.com/cognitiveservices/v1
SPEECH_KEY=f0783c1886cb41faa22f7ac2e78dead1
SPEECH_REGION=westeurope

# Pexels #
PEXELS_API_KEY=jHgJSbaa9699DoWyktxPQb4p4v9MCYlv5dT8fSBvZpEzEtalBYzSTpEv
PEXELS_BASE_URL=https://api.pexels.com/videos/search

# email #
EMAIL_PASS=hrei ryz0 pzvy csyo
EMAIL_ACCOUNT=vidwizardweb@gmail.com
```

Before first run of the server, install all the required dependencies listed in package.json

```
$ npm install
```

Run the server:

```
$ node server.js
```

## **Deployment run:**

If you prefer to access the deployed version of the application hosted on Render, you can visit this link to access the website:

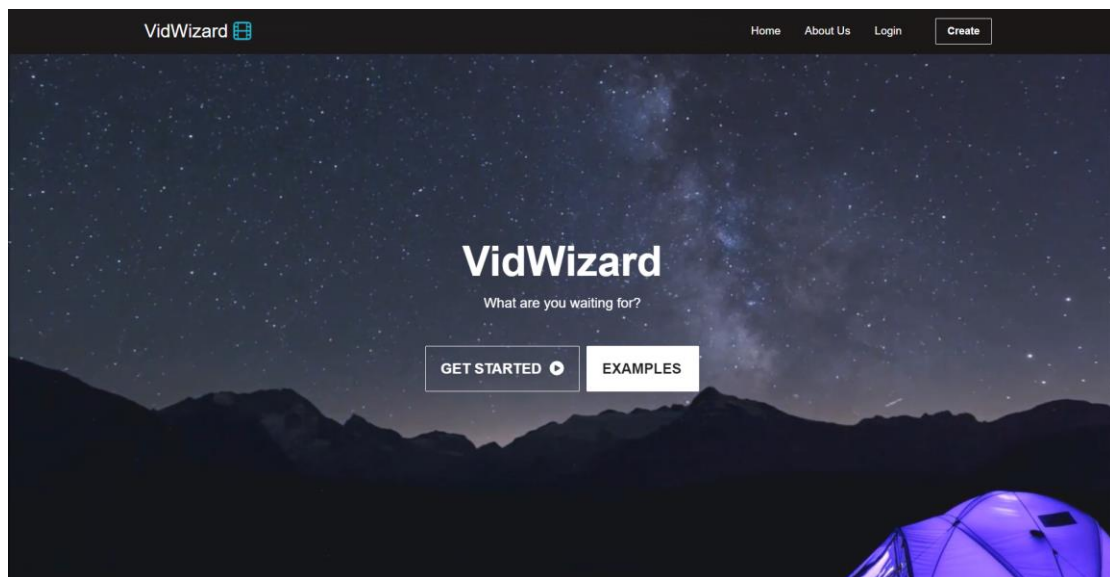
<https://vidwizard-oxvo.onrender.com/>

## Exploring Main Pages and Key Features

Welcome to VidWizard! Below, you'll find an overview of the main pages along with key features and functionalities.

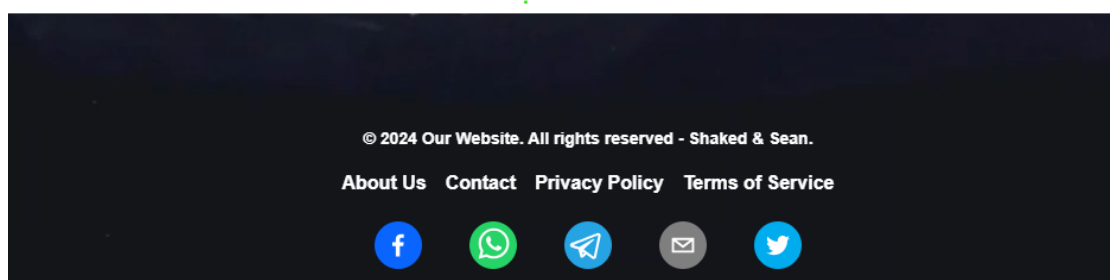
### Home Page

Our home page serves as the gateway to our platform, offering a welcoming introduction and quick access to essential features. Here, users can explore various sections of our website including demo generated videos by our platform.



### Footer

Our footer is designed to enhance your experience and provide quick access to essential resources. Whether you're looking to connect with us, learn more about our project, or share our content with others, our footer navigation offers convenient options to support your journey.

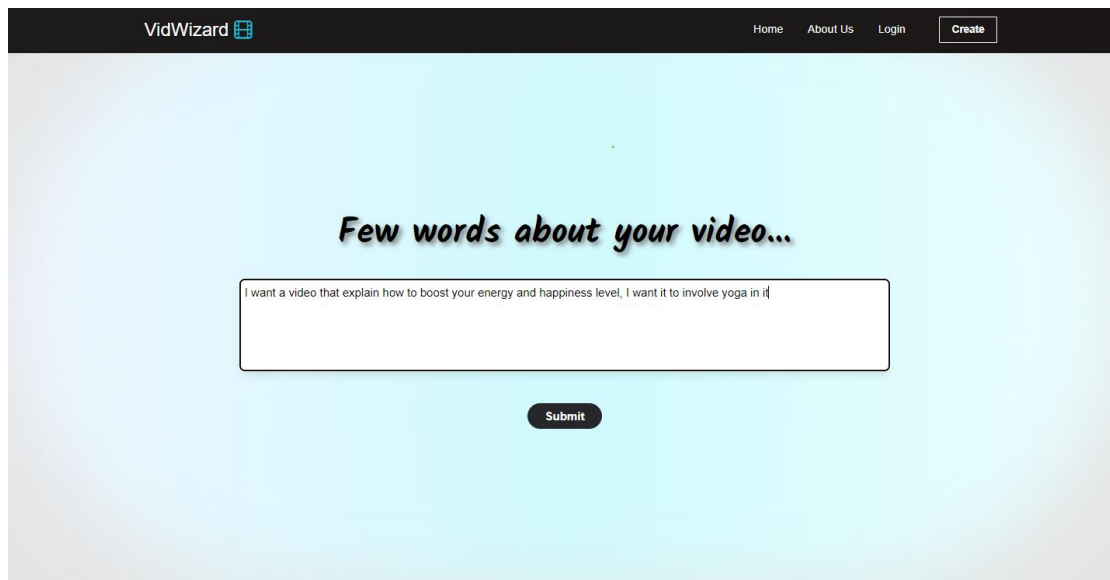


### Creating a New Video: Step-by-Step Flow

Let's walk through the main steps involved in creating a new video on our platform, from entering a video description to AI-generated video content.

## Step 1: Enter Video Description

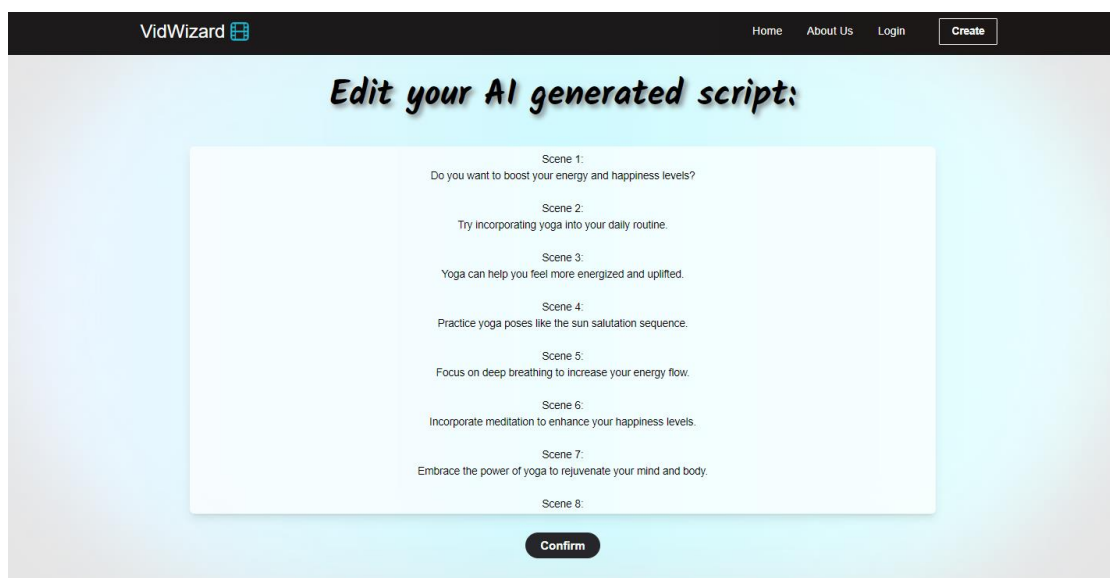
Start by entering a short description of the video you want to generate. This description will be the topic for the AI generated video script.



The screenshot shows the VidWizard website's 'Enter Video Description' page. The header is dark with the VidWizard logo and navigation links: Home, About Us, Login, and a Create button. The main content area has a light blue background with the heading 'Few words about your video...' in a stylized font. Below the heading is a text input field containing the text: 'I want a video that explain how to boost your energy and happiness level, I want it to involve yoga in it'. A dark 'Submit' button is centered below the input field.

## Step 2: AI-Generated Script

We process the description and generate a script divided into scenes. You can review and edit the script as needed to fine-tune the video's narrative.



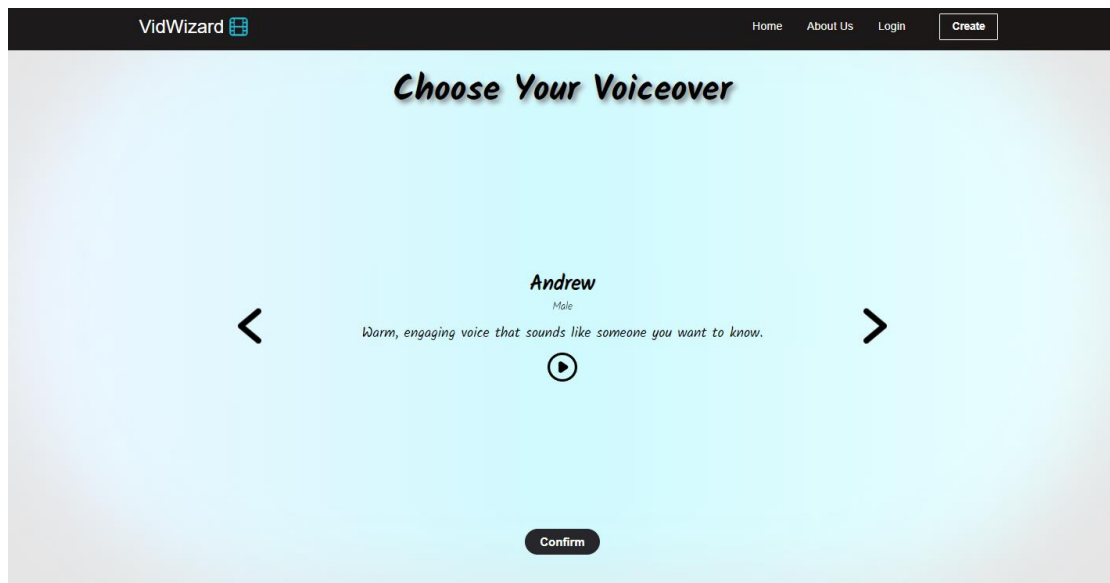
The screenshot shows the VidWizard website's 'Edit your AI generated script' page. The header is dark with the VidWizard logo and navigation links: Home, About Us, Login, and a Create button. The main content area has a light blue background with the heading 'Edit your AI generated script:' in a stylized font. Below the heading is a white box containing a list of eight scenes with their descriptions:

- Scene 1: Do you want to boost your energy and happiness levels?
- Scene 2: Try incorporating yoga into your daily routine.
- Scene 3: Yoga can help you feel more energized and uplifted.
- Scene 4: Practice yoga poses like the sun salutation sequence.
- Scene 5: Focus on deep breathing to increase your energy flow.
- Scene 6: Incorporate meditation to enhance your happiness levels.
- Scene 7: Embrace the power of yoga to rejuvenate your mind and body.
- Scene 8:

A dark 'Confirm' button is centered below the list.

## Step 3: Choose Voiceover Voice

Select a voiceover voice that best suits your video's tone and style. Our platform offers several voices to choose from, enhancing the overall impact of your video.



#### Step 4: View and Download Video

After customizing the script and selecting a voiceover, preview the generated video. From here, you can download the video or share it across different platforms to reach your audience.

