**User’s Guide**

[GitHub](https://github.com/shakedarish/Final-Project)

**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](https://nodejs.org/en).

* **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=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

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 ryzo 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.

A screenshot of a computer

Description automatically generated

**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.

A screenshot of a phone

Description automatically generated

**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.

A screenshot of a computer

Description automatically generated

**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.

A screenshot of a computer

Description automatically generated

**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.

A screenshot of a computer

Description automatically generated

**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.

