Video Downloader Website Design Document

Project Overview

Create a modern video downloading tool website similar to snapdouyin.app that allows users to download videos from various social media platforms without watermarks.

Key Features Analysis from Reference Site

Core Functionality

- URL input field for video links
- Download button with processing
- Paste from clipboard functionality
- Support for multiple video formats (MP4, MP3)
- Watermark removal capability

User Interface Elements

- Clean, modern design with gradient background
- Prominent logo and branding
- Language selection dropdown
- User manual/help section
- Step-by-step instructions with icons
- FAQ section
- Mobile-responsive design

Technical Features

- No registration required
- Fast processing (10-30 seconds)
- Cross-platform compatibility
- SSL security
- No file storage on servers

Design Concept

Visual Style

- **Color Palette**:
- Primary: Deep blue gradient (#1e3a8a to #3b82f6)
- Secondary: Green for action buttons (#10b981)
- Accent: Purple for secondary actions (#8b5cf6)
- Background: Light gray (#f8fafc)
- Text: Dark gray (#1f2937)

Typography

- **Primary Font**: Inter or similar modern sans-serif
- **Headings**: Bold, large sizes for hierarchy
- **Body Text**: Regular weight, readable sizes
- **Buttons**: Medium weight, clear labels

Layout Structure

1. **Header Section**
2. Logo/brand name
3. Navigation (User Manual, Language selector)

4. Gradient background

5. **Hero Section**

6. Main title and subtitle
7. URL input field (large, prominent)
8. Download and Paste buttons

9. Visual hierarchy with icons

10. **Instructions Section**

11. Three-step process with icons
12. Clear, concise descriptions

13. Visual flow indicators

14. **Features Section**

15. Key benefits and features

16. Grid layout with icons

17. Highlight unique selling points

18. **FAQ Section**

19. Expandable/collapsible format
20. Common questions and answers

21. Search functionality

22. **Footer**

23. Links to terms, privacy policy
24. Contact information
25. Social media links

Interactive Elements

- Hover effects on buttons and links
- Smooth transitions and animations
- Loading states for download process
- Progress indicators
- Toast notifications for feedback
- Responsive mobile menu

Supported Platforms

- TikTok/Douyin
- Instagram
- YouTube
- Twitter/X
- Facebook
- Other popular video platforms

Technical Specifications

Frontend

- React.js for component-based architecture
- Tailwind CSS for styling
- Responsive design for all devices
- Progressive Web App (PWA) capabilities

Backend

- Flask API for video processing
- Video download and processing libraries
- URL validation and parsing
- Rate limiting and security measures

Deployment

- Frontend: Static hosting
- Backend: Cloud deployment with API endpoints
- CDN for fast global access
- SSL certificate for security

User Experience Flow

1. **Landing**: User arrives at clean, professional homepage
2. **Input**: User pastes video URL in prominent input field
3. **Processing**: System validates URL and shows loading state
4. **Options**: User selects download format and quality
5. **Download**: System processes video and provides download link
6. **Completion**: User receives file with success notification

Accessibility Features

- Keyboard navigation support
- Screen reader compatibility
- High contrast mode
- Clear focus indicators
- Alt text for images
- Semantic HTML structure

This design will create a modern, user-friendly video downloading tool that rivals the reference site while adding enhanced features and improved user experience.