**The 10 Best JavaScript Project Ideas for Beginners -** [Datt Panchal](https://medium.com/@dattpanchal2904?source=post_page-----cd0995be23bb--------------------------------) Aug 15, 2022

Get started with these JavaScript projects to improve your skills!

**Introduction**

The best way to learn anything is by making projects. Projects will teach you many things in whatever field you are in. It will definitely help you in the future. In this article, we are going to discuss 10 JavaScript Projects which can increase your skill in JavaScript.

These projects are specially designed for those who have just entered this field and trying to learn JavaScript. These projects are so simple. You can make it easily by yourself. By making this project, you will learn many important concepts of JavaScript such as Arrays, Objects, functions, Local Storage, Fetch API, etc. So, let’s get started without further time delay!

**10 JavaScript Project Ideas for Absolute Beginners**

Here are 10 JavaScript projects you can get started with!

**1 ) To-Do List — A list of things to do**

To-Do List is a list in which you organize your work or tasks. You can add the daily tasks that you want to complete. Making To-Do List will help you in managing your work, and save time. You can make it as a project using JavaScript. Using simple JavaScript concepts you can make it.

Structuring and designing part you can handle by the HTML and CSS. But the logical part you can do is with JavaScript. Your project flowchart looks like this,

Structuring & Designing the page — take the input from the user — Store that data in local storage — Get data from local storage and show it on the website — Add functionality like add note, edit note & delete note

**You will learn the following things by making this project:**

* How to work with local storage?
* Some basic JavaScript concepts like if-else conditions, functions, DOM manipulation, etc.

**2 ) Alarm Clock — Clock for setting the alarm**

An alarm clock is used to alert at the specified time. You can make it by using JavaScript that alerts or notify you at the specified time. You can use the date object of JavaScript and using their functions, you make this project. Your project flowchart looks like this,

Structuring & Designing the page — take an input from user to set time for alarm — use date object — play a sound when the the user’s time is over

**You will learn the following things by making this project:**

* Date objects and their functions
* How to check and run any condition continuously on the website?

**3 ) Calculator**

It is used to calculate some mathematical operations like addition, subtraction, multiplication, division, etc. And also scientific calculator is counted here. Now, think about how you can make a calculator using JavaScript. Using Math object and his functions, right? So your project flowchart looks like this,

Structuring & Designing the page — take an inputs from users by calculator’s keyboard — use Math object and their functions — show answer on calculator’s screen

**You will learn the following things by making this project:**

* Math objects and their mathematical functions
* DOM Selection

**4 ) Form-Validation**

Form validation is a process to check whether the user-provided information is correct or not. For example, if any user enters the wrong email format so you can notify a user that “Your email is invalid” or if the user enters an invalid password so you can notify a user that “Your password is incorrect”. This process is called Form Validation.

You can make this project by yourself using JavaScript. Let’s show you the flowchart,

Structuring and Designing the page — check continuously the form inputs from users — add your conditions — permit the user to submit if conditions are satisfied else notify the user that your inputs are invalid

**You will learn the following things by making this project:**

* How the validation process works and how to add it to the website?

**5 ) Tic-Tac-Toe Game**

I don’t need to tell you what it is. Right? Yes, you can make this game by using JavaScript. Your project flowchart:

Structuring and Designing the page — target and take inputs from all 9 boxes of game —add conditions for wining, loosing and tie

**You will learn the following things by making this project:**

* How to create simple games?
* Some mathematics to create the game
* If-else conditions

**6 ) Image Carousel**

Can you see the image carousel effect on any website? No problem if you do not see. It is one slideshow which changes its images automatically or if any user changes it manually by using buttons. You can also make this beautiful effect with simple JavaScript.

It is so simple to make. You have to just change the CSS properties using JavaScript. The best way to make it is by using the transform property in CSS. Let’s see the flowchart:

Structuring and Designing the page — add the normal tranform property in CSS — control tranform property using JavaScript so that slider can slides the images automatically or you can do this by adding buttons

**You will learn the following things by making this project:**

* Changing any CSS property with JavaScript

**7 ) Quiz Website**

Quizzes websites are made for educational purposes, entertaining purposes, etc. You can also make your own quiz website using simple JavaScript. You can make just 5 questions quiz and ask users for answering the questions and at last, you can show the result to the user. This is the simple funda of this project. And the flowchart of this project looks like this,

Structuring and Designing the page — asking quiz questions to users one by one — show result at last means tell the user how many answers is corrects and wrong!

**You will learn the following things by making this project:**

* How to create a quiz for users on the website?

**8 ) Quote Generator**

The quote generator generates good quotes for you. You can make it by using one simple concept of JavaScript called fetch API. You can fetch that quote from the API and show it on your website. So your flowchart will be:

Structuring and Designing the page — Fetch the data ( Quote ) from API — Show quotes on your website one by one whenever user request to access new quote

**You will learn the following things by making this project:**

* How to fetch data using API in JavaScript?
* How to manipulate API Data on the website?

**9 ) Music Website**

You can also make a website that shows you the selected songs, And also plays them for you! You can add more functionality. For example, you can add your favorite song to the playlist (Here, store it in local storage). So your flowchart looks like this,

Structuring and Designing the page — add songs — play and pause it using JavaScript — add it into playlist, etc.

**You will learn the following things by making this project:**

* How to work with sounds and music in JavaScript?
* Concept of Local Storage

**10 ) News Website**

A website that shows you the latest news daily. Here, you will use the fetch API concept again. You have to fetch the data (news data) from API and show it on your website. Simple! Your flowchart:

Structuring and Designing the page — fetch the news data from the API — show news on your website

**You will learn the following things by making this project:**

* How do fetch data from API and manipulate it on the website?

That’s all. I hope you like these projects. So, choose any project, start to build, and upgrade your skill!

**Final thoughts**

In this article, we saw 10 different, amazing and valuable JavaScript Projects Ideas that help you a lot in the future if you make it. This is a complete list of projects:

* TO-DO List
* Alarm-Clock
* Calculator
* Form-validation project
* Tic-Tac-Toe Game
* Image Carasoul
* Music Website
* Quiz website
* Quote Generator
* News Website