



Simple Split Project Report

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HTML

I have mainly used a very simple grid layout. Home page has the largest amount of content for HTML. All the files have classes and id applied to required elements. Attribution has been given to the image files. All the files have been taken from the unsplash.com. Here is the list of the images I have used. All the text-content used on the website is written by me. I have not copy-pasted anything from the web. About page text-content is from the design doc, I created for the project.

Photo by Alexander Mills on Unsplash Link: <https://unsplash.com/photos/ICPhGxs7pww>

Photo by Kelsey Chance on Unsplash Link: <https://unsplash.com/photos/ZrhtQyGFG6s>

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Home page and Split-bill page are the only pages that uses javascript.

Home page has animation on scroll which uses good javascript and CSS. Here class is getting applied to the focused part of HTML and with the help of CSS3 transitions are done.

Split-bill page is the main Javascript heavy page where all the calculations are being done. Here on this page any expense can be added and divided between friends. It has a simple grid layout.

Other pages such as contact us, about us, log in, register page are very simple page. They are using two grid columns one is blank and the other has form or some other content.

Most of the forms are simple only one split-bill form has interactions. Other forms do not have any interaction. They are just static pages and redirects to other pages on click.

CSS

I have used a good amount of CSS everywhere. My Homepage shows good use of CSS properties like position, transition and also shows how I have applied some CSS to elements having different classes. I have used pseudo-classes at few places to give animation effects. I do have used transition property extensively to create animations. I do have showcase effects it with a particular class and removing that particular class what will happen can be seen on the homepage. Grid is used to build layouts which are very simple.

I have also added attribution for the CSS of unsplash.com button which I have copied from unsplash.com to give credit to the author for the image. I have copy-pasted embedded button CSS in CSS file with proper attribution.

Javascript

Home page

This page is using two events window load and window scroll. On window load and window scroll class "in-focus" is applied/removed to various div "slide-container" class based on the position of the window scroll. I was knowing about these properties before and one can find out about this by just simple `console.log(window)`. So when the "in-focus" class gets applied my CSS does all the work of animations with transition property.

Split-bill page

This page is doing all the calculations to satisfy JS project needs. It has loops if-else, getting value from form and adding value into the HTML page. It uses different functions in the main.js file to do different things like type checking, showing, hiding, adding and removing class, and concating strings to generate expense view dialogue box. This page also validates the form and show hide error based on selection. This page also has reset from button.

Here there are two events when one adds the name of people involved in the expense, on key up event the string what inserted converted into unique array dividing people by (, comma) and then creates radio and checkboxes.

The next event is the Split bill button which validates the form that all the required data is available or it will show error. And if it is successful then proceeds to generate expense view box using the selection and add it to the HTML view.