

Conception phase

Aim of work is to build website to be used as introduction company to public web users. The fiction company, named Hdo Decoration, is at service sector and makes application for decoration and event organization. The company owner wants to use website for marketing purposes as he wants to show past project pictures and offers a contact form for getting in touch with company on website. There is a file server service that we will use to show past pictures, named Cloudinary. The negative side of the Cloudinary, the picture will be shown with latency on the websites, positive side of the Cloudinary is the owner can share pictures without updating website which seems sustainable as the owner has limited computer usage information. Application user doesn't require to sort, filter and search option for pictures but, will be enlarged when user click on specific picture on website. Another benefit is user can directly contact with company by sending email from website by filling contact form. Another integrated service for functionality named Sendgrid for mail sending. The concept of website is to usage of API (application programming interface) to give functionality for the company website. As developer, methodology will be used to use CSS (Cascading style sheet) framework to write clean code and also its feasible for scalability. There will be used NodeJS for server-side and JavaScript for front-end framework which is named NuxtJs. NuxtJs is Server-side rendering (SSR) of VueJS. The reason of selecting SSR framework that Search Engine Optimization (SEO) can be potential demand of company owner for future development. For communication interface there will be used Rest API between back-end and front-end.

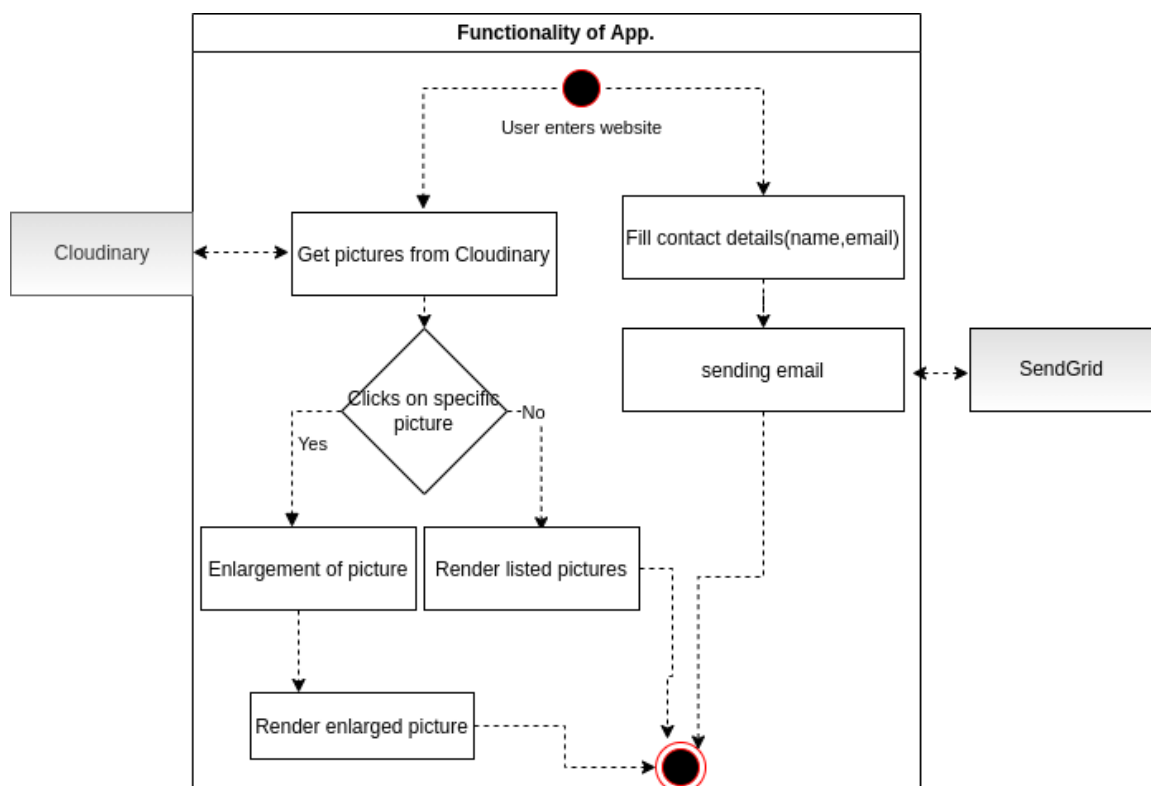


Figure 1-UML Diagram