

---

# PROJECT PROPOSAL

## *React.js and Sanity Studio based Portfolio Website*

**SYED ASAD ZAMAN**

p180034@nu.edu.pk

**SANA HAIDER**

p180011@nu.edu.pk

### 1 INTRODUCTION

UI/UX is the first thing that attract the user whether it is an app or website. In order to have beautiful and attractive UI/UX we need something powerful which fullfill our customer's demand. Nowadays when it comes to design a UI in web **React** comes in to play. But when it comes to website we need something that can help us to manage our content and that is also compatible with React. Here *Sanity* came into the show.

### 2 PROBLEM

The traditional way of website designing using CMS like Wordpress and Wix etc. But the problem is that they didn't give the developer the full power of customization. Additionally, they are also not that much efficient when it comes to performance due the use of old technologies like PHP etc. Also *Styling is important*, in old days pure CSS is used to do styling that can lead to mistakes from the developer side

### 3 SOLUTION

So the need of something that can give us the full power of customization and that is efficient in performance arise. Luckily React give that flexibility. As the project is a website so React will be used to customize our front-end and in order to manage the content **Sanity Studio** will be used. **Sanity Studio** is an open-source single page application built with React.js. The definition of content models is done with simple JavaScript. Also the extension of components is there. The Studio comes with advanced features that tailor workflows for the editors. For styling the famous CSS framework **TailWind CSS** A utility-first CSS framework packed with classes like flex, pt-4, text-center and rotate-90 that can be composed to build any design, directly in your markup, will be used

### 4 FUTURE WORK

Initially, the project will be used to build a portfolio website. But in future its scope will be extend to developing different type of websites. Like personal blog, E-commerce and portfolio etc.