COMSM0104: Web Technologies 2019
Final Assignment Report

Tao Xu

si19010@bristol.ac.uk

Yinan Yang

ff19085@bristol.ac.uk

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Abstract

Our two-person team consists of Tao Xu (si19010) and Yinan Yang (ff19085). Due to environmental influences, we used a remote collaboration model via GitHub to co-develop this project.

We have created a website that generates resumes. Our website is based on Vue's front-end technical architecture, taking advantage of Vue's MVVM, the Model-View-ViewModel, we have done it to componentize the front-end development.

Keywords: *Vue; SQLite.*

1 Introduction

We have created a website that generates resumes called Simple Resume Maker. The website provides basic user registration and login functionality. Once logged in, the user can edit the resume template provided on the website on the web page and download a .pdf version of the resume.

We try to simulate the user experience of editing documents online so that what the user sees is what they get. What would otherwise be a cumbersome formatting process is made easier with different CSS. This addresses the initial point we made in designing the product, which was to make things easier.

In building this site, we used the VUE framework, which is a progressive framework for building user interfaces.

> Unlike other monolithic frameworks, Vue is designed from the ground up to be incrementally adoptable. The core library is focused on the view layer only, and is easy to pick up and integrate with other libraries or existing projects. On the other hand, Vue is also perfectly capable of powering sophisticated Single-Page Applications when used in combination with modern tooling and supporting libraries.
> —— Official development documentation from Vue

1.1 Project setup

npm install

1.2 Compiles and hot-reloads for development

npm run serve

1.3 Compiles and minifies for production

npm run build

1.4 Lints and fixes files

npm run lint

1.5 Start the server

npm start

1.6 Start the server

See Configuration Reference.

2 Self Evalutation

2.1 Estimation of marks

- A for HTML

- A for CSS

- A for JS

- A for PNG

- A for SVG

- A for Server

- A for Database

- A for Dynamic pages

3   Working practices of the group