САНКТ-ПЕТЕРБУРГСКИЙ НАЦИОНАЛЬНЫЙ ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ ИТМО

Дисциплина: Фронд-энд разработка

Отчет

Практическая работа 5

Выполнил:

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Группа: К33412

Проверил:
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Санкт-Петербург
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Задание

В рамках данных работы необходимо изучить основные команды
пакетного менеджера NPM и научиться стартовать стартовать проект на
Vue.

Ход работы

Установка глобально vue и vue-cli

Инициализация проекта и выбор параметров установки

```
184@LAPTOP-5UI6L6PF MINGW64 /d/итмо/фронт/ITMO-ICT-Frontend-2022/homeworks/K33412/Kulagina S
vetlana/HW5 (main)
$ npm init vue@latest

Vue.js - The Progressive JavaScript Framework

√ Project name: ... vue-project
√ Add TypeScript? ... No / Yes
√ Add JSX Support? ... No / Yes
√ Add Vue Router for Single Page Application development? ... No / Yes
√ Add Pinia for state management? ... No / Yes
√ Add Vitest for Unit Testing? ... No / Yes
√ Add an End-to-End Testing Solution? » No
√ Add ESLint for code quality? ... No / Yes
√ Add Prettier for code formatting? ... No / Yes

Scaffolding project in D:\итмо\фронт\ITMO-ICT-Frontend-2022\homeworks\K33412\Kulagina Svetla
na\HW5\vue-project...

Done. Now run:

  cd vue-project
  npm install
  npm run dev
```

Переход в папку проекта

```
184@LAPTOP-5UI6L6PF MINGW64 /d/итмо/фронт/ITMO-ICT-Frontend-2022/homeworks/K33412/Kulagina S
vetlana/HW5 (main)
$ cd vue-project/

184@LAPTOP-5UI6L6PF MINGW64 /d/итмо/фронт/ITMO-ICT-Frontend-2022/homeworks/K33412/Kulagina S
vetlana/HW5/vue-project (main)
$
```

Установка зависимостей

```
184@LAPTOP-5UI6L6PF MINGW64 /d/итмо/фронт/ITMO-ICT-Frontend-2022/homeworks/K33412/Kulagina S
vetlana/HW5/vue-project (main)
$ npm install
npm WARN deprecated sourcemap-codec@1.4.8: Please use @jridgewell/sourcemap-codec instead

added 145 packages, and audited 146 packages in 15s

33 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
```
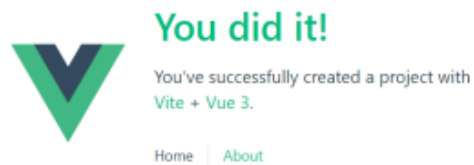
Изменения в файле package.json

{} package.json U ●

homeworks > K33412 > Kulagina Svetlana > HW5 > vue-project > {} package.json > {} devDependencies > vite

```json
1  {
2    "name": "vue-project",
3    "version": "0.0.0",
4    "private": true,
     ▷ Debug
5    "scripts": {
6      "start": "vite --port 8080",
7      "dev": "vite",
8      "build": "vite build",
9      "preview": "vite preview",
10     "lint": "eslint . --ext .vue,.js,.jsx,.cjs,.mjs --fix --ignore-path .gitignore"
11   },
12   "dependencies": {
13     "axios": "^1.2.1",
14     "bootstrap": "^5.2.3",
15     "pinia": "^2.0.28",
16     "pinia-persists": "^1.2.0",
17     "vue": "^3.2.45",
18     "vue-router": "^4.1.6"
19   },
20   "devDependencies": {
21     "@vitejs/plugin-vue": "^4.0.0",
22     "eslint": "^8.22.0",
23     "eslint-plugin-vue": "^9.3.0",
24     "vite": "^4.0.0"
25   }
26 }
```

Запуск проекта

```
VITE v4.0.2  ready in 2041 ms

→  Local:   http://localhost:8080/
→  Network: use --host to expose
→  press h to show help
```

Documentation

Vue's official documentation provides you with all information you need to get started.

Tooling

This project is served and bundled with Vite. The recommended IDE setup is VSCode + Volar. If you need to test your components and web pages, check out Cypress and Cypress Component Testing.
More instructions are available in README.md.

Ecosystem

Get official tools and libraries for your project: Pinia, Vue Router, Vue Test Utils, and Vue Dev Tools. If you need more resources, we suggest paying Awesome Vue a visit.

Community

Got stuck? Ask your question on Vue Land, our official Discord server, or StackOverflow. You should also subscribe to our mailing list and follow the official @vuejs twitter account for latest news in the Vue world.

Support Vue

As an independent project, Vue relies on community backing for its sustainability. You can help us by becoming a sponsor.

Вывод: благодаря данной домашней работе я познакомилась с vue, vue-cli, а также узнала основные команды npm