

pokedex\_vue

Create a website with vue.js

Summary: This document is the subject for vue.js @42Tokyo.

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# Chapter I

#### Instructions

- Only this page will serve as reference; do not trust rumors.
- Watch out! This document could potentially change up to an hour before submission.
- Make sure you have the appropriate permissions on your files and directories.
- You have to follow the submission procedures for every exercise.
- Your exercises will be checked and graded by your fellow classmates.
- You <u>cannot</u> leave <u>any</u> additional file in your directory than those specified in the subject.
- Got a question? Ask your peer on the right. Otherwise, try your peer on the left.
- Your reference guide is called Google / man / the Internet / ....
- Examine the examples thoroughly. They could very well call for details that are not explicitly mentioned in the subject...
- your vue version should be  $\geq 2.5.16$ .
- You are allowed to develop this site on your own environmement.
- Evaluation will be done on the reviewees host.
- You are allowed to cutomize the visual for this website.

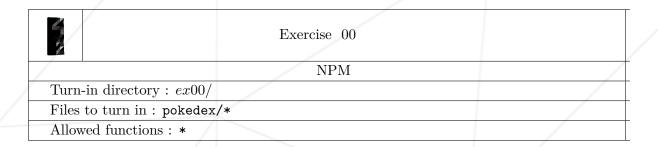
## Chapter II

#### Foreword

Vue 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.

#### Chapter III

## Exercise 00: NPM



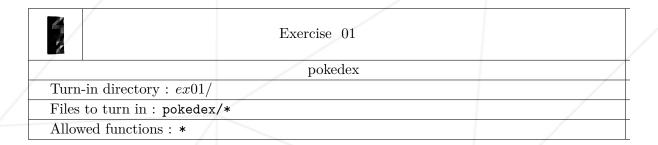
- Install vue/cli by using npm.
- Execute 'vue create pokedex' and make sure you chose 'Default ([Vue 2] babel, eslint)'.

```
? Please pick a preset: (Use arrow keys)
> Default ([Vue 2] babel, eslint)
Default (Vue 3 Preview) ([Vue 3] babel, eslint)
Manually select features
```

- Execute 'cd pokedex && npm run serve' and then go to the browser and type 'http://localhost:8080/'.
- If you see the Welcome page then You are done with this first exercise.

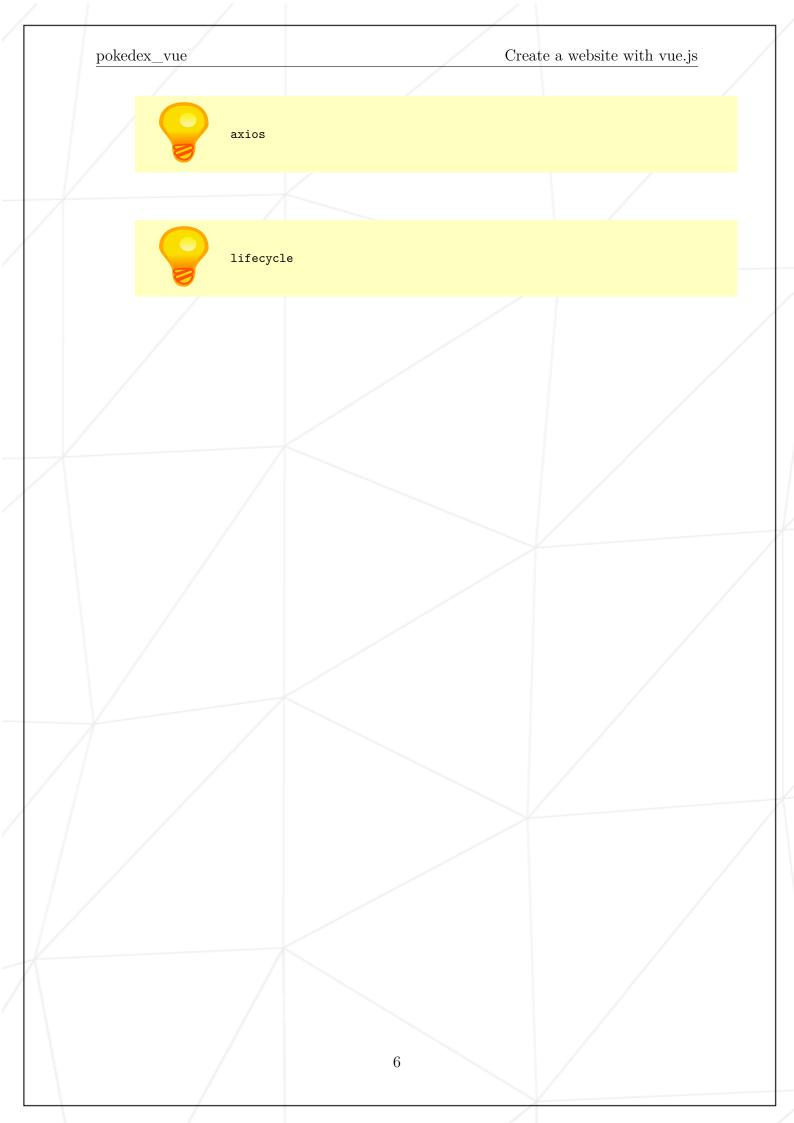
#### Chapter IV

#### Exercise 01: Pokedex



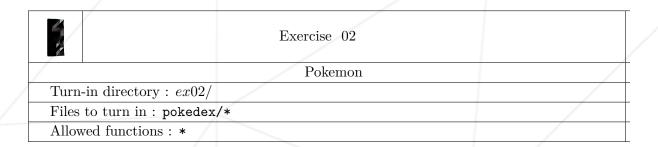
- Inside the components folder, delete the HelloWorld.vue component and create a file called Pokedex.vue.
- Replace the App.vue file with this content below.

- Pokedex.vue component will list all the pokemon avialable on
- https://pokeapi.co/api/v2/pokemon.
- This component should display the pokemon id, name and the image.
- While it's fetching the data from that endpoint, it should display 'Loading...' on the screen.
- If Any axios related error occurs, this component should display the axios related error message on the screen.



#### Chapter V

#### Exercise 02: Pokemon



- Execute 'npm install vue-router'.
- Inside the src folder, create a router.js file and copy paste the content below.

• Replace the main. is file with this content below.

```
import Vue from 'vue'
import App from './App.vue'
import router from './router.js'

Vue.config.productionTip = false

new Vue({
   router,
   render: h => h(App),
}).$mount('#app')
```

• Replace the App. vue file with this content below.

```
<template>
<div id="app">
<router-view/>
</div>
</div>
</template>

<script>

export default {
   name: 'App',
}
</script>
```

- Create a new component called Pokemon.vue Inside the component folder.
- This component should display the pokemon id, name, image, type(grass, poison, etc...) and base stats(hp attack defense special-attack special-defense speed) of a specific pokemon.
- While it's fetching the data from that endpoint, it should display 'Loading...' on the screen.
- If Any axios related error occurs, this component should display the axios related error message on the screen.
- whenever a user click on pokemon's name on the Pokedex Component it should render the Pokemon component of that pokemon on the screen.
- On the top left of the Pokemon component make sure there is a link to go back to the Pokedex Component.

# Chapter VI Bonus part

- If the Mandatory part is not perfect don't even think about bonuses
- Add a search bar.
- Add a filter bar.
- Feel free to add more feature which might be useful.