{

"id":"file",

"value":"File", "popup":{

"menuitem":[

{

"value":"New", "onclick":"CreateNewDoc()"

},

{

"value":"Open",

"onclick":"OpenDoc()"

},

{

"value":"Close",

"onclick":"CloseDoc()"

}

]

}

}

Listing 8.1

Perintah untuk Penggunaan JSON

{

"Actors": [

{

"name": "Tom Cruise", "age": 56,

"Born At": "Syracuse, NY", "Birthdate": "July 3, 1962",

"photo": "https://jsonformatter.org/img/tom-cruise.jpg", "wife": null,

"weight": 67.5,

"hasChildren": true, "hasGreyHair": false, "children": [

"Suri",

"Isabella Jane", "Connor"

]

},

{

"name": "Robert Downey Jr.", "age": 53,

"Born At": "New York City, NY", "Birthdate": "April 4, 1965",

"photo": "https://jsonformatter.org/img/Robert-Downey-Jr.jpg", "wife": "Susan Downey",

"weight": 77.1, "hasChildren": true, "hasGreyHair": false, "children": [

"Indio Falconer", "Avri Roel", "Exton Elias"

]

}

]

}

Listing 8.2

Perintah untuk Menggunakan Data dengan Berbagai Macam Tipe Data

* let b = {

... "id":"file",

... "value":"File",

... "popup":{

..... "menuitem":[

..... {

.......

.......

.......

.....

.......

.......

.......

.....

.......

.......

.......

.....

.....

... }

"value":"New",

"onclick":"CreateNewDoc()"

},

{

"value":"Open",

"onclick":"OpenDoc()"

},

{

"value":"Close",

"onclick":"CloseDoc()"

}

]

}

undefined

* b

{

id: 'file',

value: 'File',

popup: { menuitem: [ [Object], [Object], [Object] ] }

} > JSON.stringify(b); '{"id":"file","value":"File","popup":{"menuitem":[{"value":"New","onclick":"CreateNewDoc()"},

{"value":"Open","onclick":"OpenDoc()"},{"value":"Close","onclick":"CloseDoc()"}]}}'

* JSON.stringify(b,null,4); '{\n' +

' "id": "file",\n' +

' "value": "File",\n' +

' "popup": {\n' +

' "menuitem": [\n' + ' {\n' +

' "value": "New",\n' +

' "onclick": "CreateNewDoc()"\n' + ' },\n' +

' {\n' +

' "value": "Open",\n' +

' "onclick": "OpenDoc()"\n' + ' },\n' +

' {\n' +

' "value": "Close",\n' +

' "onclick": "CloseDoc()"\n' +

' }\n' +

' ]\n' +

' }\n' +

'}'

>

* function replacer(k: any, v: any) {

..... if (v === "New") {

....... return undefined;

....... } else {

....... return v;

....... }

..... }

undefined

* + b

{ menu: { id: 'file', value: 'File', popup: { menuitem: [Array] } } }

* + JSON.stringify(b, replacer, 4); '{\n' +

' "menu": {\n' +

' "id": "file",\n' +

' "value": "File",\n' +

' "popup": {\n' +

' "menuitem": [\n' + ' {\n' +

' "onclick": "CreateNewDoc()"\n' + ' },\n' +

' {\n' +

' "value": "Open",\n' +

' "onclick": "OpenDoc()"\n' + ' },\n' +

' {\n' +

' "value": "Close",\n' +

' "onclick": "CloseDoc()"\n' + ' }\n' +

' ]\n' +

' }\n' +

' }\n' +

'}'

* + let c = JSON.parse(JSON.stringify(b, replacer, 4)); undefined
  + b

{ menu: { id: 'file', value: 'File', popup: { menuitem: [Array] } } }

* + c.menu.popup.menuitem[0]

{ onclick: 'CreateNewDoc()' }

* + JSON.stringify(b, ["menu"], 4);

'{\n "menu": {}\n}'

>

Listing 8.3

Perintah untuk serialisasi JSON

import menu from "./menu.json";

…

…

console.log('Jumlah: ', Object.keys(menu).length);

…

…

Listing 8.4

Perintah untuk Membaca dari File

let menu = { "id":"file",

"value":"File", "popup":{

"menuitem":[

{

"value":"New", "onclick":"CreateNewDoc()"

},

{

"value":"Open",

"onclick":"OpenDoc()"

},

{

"value":"Close",

"onclick":"CloseDoc()"

}

]

}

}

Listing 8.5

Perintah untuk Masuk Ke Dalam Kode Sumber

[

{

"id":1,

"name":"Tom Cruise",

"Born At":"Syracuse, NY", "Birthdate":"July 3, 1962",

"photo":"https://jsonformatter.org/img/tom-cruise.jpg", "wife":null,

"weight":67.5, "hasChildren":true, "hasGreyHair":false, "children":[

"Suri",

"Isabella Jane", "Connor"

]

},

{

"id":2,

"name":"Robert Downey Jr.", "Born At":"New York City, NY", "Birthdate":"April 4, 1965",

"photo":"https://jsonformatter.org/img/Robert-Downey-Jr.jpg", "wife":"Susan Downey",

"weight":77.1, "hasChildren":true, "hasGreyHair":false, "children":[

"Indio Falconer", "Avri Roel", "Exton Elias"

]

}

]

Listing 8.6

Perintah untuk Definisi JASON di *Backend*

{

"name": "actors-endpoint", "version": "1.0.0",

"description": "",

"main": "index.js", "scripts": {

"start:dev": "nodemon dist/index.js",

"build:dev": "tsc --watch --preserveWatchOutput", "dev": "concurrently \"npm:build:dev\" \"npm:start:dev\""

},

"keywords": [],

"author": "",

"license": "ISC", "devDependencies": { "@types/cors": "^2.8.9", "@types/express": "^4.17.10", "cors": "^2.8.5",

"express": "^4.17.2"

},

"dependencies": { "nodemon": "^2.0.15"

}

}

Listing 8.7

Perintah untuk *package.json*

*tsconfig.json*

{

"compilerOptions": { "target": "es5", "module": "commonjs",

"resolveJsonModule" : true,

"lib": ["es2017", "es7", "es6", "dom"], "declaration": true,

"outDir": "dist", "strict": true,

"esModuleInterop": true

},

"exclude": [ "node\_modules", "dist"

]

}

Listing 8.8 Perintah untuk *tsconfig.json*

*src/config/constants.ts*

export const PORT = process.env.PORT || 4000;

Listing 8.9

Perintah untuk *src/config/constants.ts*

*src/controllers/index.ts*

import { ActorsController } from './Actors/Actors';

const actorsController = new ActorsController(); export {

actorsController

};

Listing 8.10

Perintah untuk *src/controllers/index.ts*

*src/controllers/CrudController.ts*

import { Request, Response } from 'express';

export abstract class CrudController {

public abstract read(req: Request, res: Response): void; public abstract readId(req: Request, res: Response): void;

}

Listing 8.11

Perintah untuk *src/controllers/CrudController,ts*

*src/controllers/Actors/Actors.ts*

import { Request, Response } from 'express'; import { CrudController } from '../CrudController'; import ActorsServices from '../../services/Actors';

export class ActorsController extends CrudController { actors: any;

constructor() { super();

this.actors = new ActorsServices();

}

public read(

req: Request<import ("express-serve-static-core").ParamsDictionary>, res: Response): void {

let actorsAll = this.actors.getAll(); res.json(actorsAll);

}

public readId(

req: Request<import("express-serve-static-core").ParamsDictionary>, res: Response): void {

let theId = parseInt(req.params.id); let actorsId = this.actors.getId(theId); res.json(actorsId);

}

}

Listing 8.12

Perintah untuk *src/controllers/Actors/Actors.ts*

*src/resources/actors.json*

[

{

"d": 1,

"name":"Tom Cruise",

"Born":"Syracuse, Y",

"Birthday":"July 3, 19'2", "photo":"https://jsonformatter.org/img/tom-cruise.jpg", "wide":null,

"weight":67.5, "hasChildrn":true, "hasGreyHar":false, "childrn":[

"Sui", "Isabella Ja ", "Connor"

]

},

{

"d": 2,

"name":"Robert Downey J", "Born":"New York City", "Birthday":"April 4, 1975",

"photo":"https://jsonformatter.org/img/Robert-Downey-Jr.jpg", "wide":"Susan Downy",

"weight":77.1, "hasChildrn":true, "hasGreyHar":false, "children":[

"Indio Falconr", "Avri Rol", "Exton Elis"

]

}

]

Listing 8.13

Perintah untuk *src/resources/actors.json*

*src/route/index.ts*

import { router as actorsRouter }from './Actors/Actors';

export { actorsRouter

};

Listing 8.14

Perintah untuk *src/indekss/index.ts*

*src/routes/Actors/Actors.ts*

import express, { Request, Response } from 'express'; import { actorsController } from '../../controllers';

export const router = express.Router({ strict: true

});

router.get('/', (req: Request, res: Response) => { actorsController.read(req, res);

});

router.get('/:id', (req: Request, res: Response) => { actorsController.readId(req, res);

});

Listing 8.15

Perintah untuk *src/routes/Actors/Actors.ts*

*src/services/Actors/index.ts*

import actors from '../../resources/actors.json'; export default class ActorsServices {

getAll() { return actors;

}

getId(theId: number) {

let result = actors.find(m => m.id === theId); return result;

}

}

Listing 8.16

Perintah untuk *src/services/Actors/index.ts*

*src/index.ts*

import express from 'express'; import cors from 'cors';

import { PORT } from './config/constants'; import { actorsRouter } from './routes';

const app = express(); app.use(express.json());

app.use(cors()); app.get('/', (req, res) => {

res.send('Selamat datang di Actors - RESTful API gateway');

});

app.use('/actors', actorsRouter);

app.listen(PORT, () => {

console.log('Endpoint Actors sudah siap dan bisa diakses di port ${PORT}');

});

Listing 8.17 Perintah untuk *src/index.ts*

$ npm run dev

Listing 8.18

Perintah untuk Mengaktifkan *Endpoint*

[

{

"id":"0001",

"type":"donut",

"name":"Cake",

"ppu":0.55,

"batters":{

"batter":[

{

"id":"1001",

"type":"Regular"

},

{

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|  |
| --- |
| "id":"1002",  "type":"Chocolate"  },  {  "id":"1003",  "type":"Blueberry"  },  {  "id":"1004",  "type":"Devil's Food"  }  ]  },  "topping":[  {  "id":"5001",  "type":"None"  },  {  "id":"5002",  "type":"Glazed"  },  {  "id":"5005",  "type":"Sugar"  },  {  "id":"5007",  "type":"Powdered Sugar"  },  {  "id":"5006",  "type":"Chocolate with Sprinkles"  },  {  "id":"5003",  "type":"Chocolate"  },  {  "id":"5004",  "type":"Maple"  }  ]  },  {  "id":"0002",  "type":"donut",  "name":"Raised",  "ppu":0.55, |
| "batters":{  "batter":[ |

**8.20** Pengembangan Aplikasi *Mobile* Terintegrasi Menggunakan *Ionic*



|  |
| --- |
| {  "id":"1001",  "type":"Regular"  }  ]  },  "topping":[  {  "id":"5001",  "type":"None"  },  {  "id":"5002",  "type":"Glazed"  },  {  "id":"5005",  "type":"Sugar"  },  {  "id":"5003",  "type":"Chocolate"  },  {  "id":"5004",  "type":"Maple"  }  ]  },  {  "id":"0003",  "type":"donut", "name":"Old Fashioned", "ppu":0.55,  "batters":{  "batter":[  {  "id":"1001",  "type":"Regular"  },  {  "id":"1002",  "type":"Chocolate"  }  ]  },  "topping":[  {  "id":"5001", |
| "type":"None"  }, |

{

"id":"5002",

"type":"Glazed"

},

{

"id":"5003",

"type":"Chocolate"

},

{

"id":"5004",

"type":"Maple"

}

]

}

]

Listing 8.21

Perintah untuk Membuat *RESTful API Endpoint*

…

… "dependencies": {

"@capacitor/core": "2.4.6",

"@ionic/vue": "^5.4.0",

"@ionic/vue-router": "^5.4.0",

"core-js": "^3.6.5",

"vue": "^3.0.0-0",

"vue-router": "^4.0.0-0"

},

"devDependencies": { "@capacitor/cli": "2.4.6",

"@types/axios": "^0.14.0",

"@types/jest": "^24.0.19",

"@typescript-eslint/eslint-plugin": "^2.33.0", "@typescript-eslint/parser": "^2.33.0", "@vue/cli-plugin-babel": "~4.5.0", "@vue/cli-plugin-e2e-cypress": "~4.5.0", "@vue/cli-plugin-eslint": "~4.5.0",

"@vue/cli-plugin-router": "~4.5.0", "@vue/cli-plugin-typescript": "~4.5.0", "@vue/cli-plugin-unit-jest": "~4.5.0", "@vue/cli-service": "~4.5.0",

"@vue/compiler-sfc": "^3.0.0-0", "@vue/eslint-config-typescript": "^5.0.2", "@vue/test-utils": "^2.0.0-0",

"axios": "^0.21.1",

"eslint": "^6.7.2",

"eslint-plugin-vue": "^7.0.0-0",

"spacetime": "^6.12.5",

"typescript": "~3.9.3",

"vue-jest": "^5.0.0-0"

},

…

…

Listing 8.22

Perintah untuk paket-paket yang di-install

import { createRouter, createWebHistory } from '@ionic/vue-router'; import { RouteRecordRaw } from 'vue-router';

import Home from '../views/Home.vue' import Tentang from '../views/Tentang.vue'

const routes: Array<RouteRecordRaw> = [

{

path: '/', redirect: '/home'

},

{

path: '/home',

name: 'Home', component: Home

},

{

path: '/actor/:id',

component: () => import('../views/ViewActor.vue')

},

**8.28** Pengembangan Aplikasi *Mobile* Terintegrasi Menggunakan *Ionic*



{

path: '/tentang', name: 'Tentang', component: Tentang

}

]

const router = createRouter({

history: createWebHistory(process.env.BASE\_URL), routes

})

export default router

Listing 8.23

Perintah untuk *src/router/index.ts*

<template>

<IonApp>

<IonSplitPane content-id="main-content">

<ion-menu content-id="main-content" type="overlay">

<ion-content>

<ion-list id="biogra-list">

<ion-list-header>Biogra</ion-list-header>

<p>

<ion-note>Actor Biography in One App</ion-note>

</p>

<ion-menu-toggle auto-hide="false" v-for="(p, i) in appPages" :key="i">

<ion-item @click="selectedIndex = i" router-direction="root"

:router-link="p.url" lines="none" detail="false" class="hydrated"

:class="{ selected: selectedIndex === i }">

<ion-icon slot="start"

:ios="p.iosIcon" :md="p.mdIcon">

</ion-icon>

<ion-label>{{ p.title }}</ion-label>

</ion-item>

</ion-menu-toggle>

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|  |
| --- |
| </ion-list>  </ion-content>  </ion-menu>  <ion-router-outlet id="main-content"></ion-router-outlet>  </IonSplitPane>  </IonApp>  </template>  <script lang="ts"> import {  IonApp, IonContent, IonIcon, IonItem, IonLabel, IonList, IonListHeader, IonMenu, IonMenuToggle, IonNote, IonRouterOutlet, IonSplitPane  } from '@ionic/vue';  import { defineComponent, ref } from 'vue'; import { useRoute } from 'vue-router'; import { videocam } from 'ionicons/icons';  export default defineComponent({ name: 'App',  components: { IonApp, IonContent, IonIcon, IonItem, IonLabel, IonList, IonListHeader, IonMenu, IonMenuToggle, IonNote, IonRouterOutlet, IonSplitPane  },  setup() {  const selectedIndex = ref(0); const appPages = [  {  title: 'Tentang Biogra', url: '/tentang', |
| iosIcon: videocam, mdIcon: videocam |

**8.30** Pengembangan Aplikasi *Mobile* Terintegrasi Menggunakan *Ionic*



|  |
| --- |
| }  ];  const path = window.location.pathname.split('folder/')[1]; if (path !== undefined) {  selectedIndex.value = appPages.findIndex(page => page.title. toLowerCase() === path.toLowerCase());  }  const route = useRoute(); return {  selectedIndex, appPages, videocam,  isSelected: (url: string) => url === route.path ? 'selected' : ''  }  }  });  </script>  <style scoped>  ion-menu ion-content {  --background: var(--ion-item-background, var(--ion-background-color, #fff));  }  ion-menu.md ion-content {  --padding-start: 8px;  --padding-end: 8px;  --padding-top: 20px;  --padding-bottom: 20px;  }  ion-menu.md ion-list { padding: 20px 0;  }  ion-menu.md ion-note { margin-bottom: 30px;  }  ion-menu.md ion-list-header, ion-menu.md ion-note { padding-left: 10px;  }  ion-menu.md ion-list#biogra-list {  border-bottom: 1px solid var(--ion-color-step-150, #d7d8da);  } |
| ion-menu.md ion-list#biogra-list ion-list-header { font-size: 22px;  font-weight: 600; |

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|  |
| --- |
| min-height: 20px;  }  ion-menu.md ion-list#labels-list ion-list-header { font-size: 16px;  margin-bottom: 18px; color: #757575;  min-height: 26px;  }  ion-menu.md ion-item {  --padding-start: 10px;  --padding-end: 10px; border-radius: 4px;  }  ion-menu.md ion-item.selected {  --background: rgba(var(--ion-color-primary-rgb), 0.14);  }  ion-menu.md ion-item.selected ion-icon { color: var(--ion-color-primary);  }  ion-menu.md ion-item ion-icon { color: #616e7e;  }  ion-menu.md ion-item ion-label { font-weight: 500;  }  ion-menu.ios ion-content {  --padding-bottom: 20px;  }  ion-menu.ios ion-list { padding: 20px 0 0 0;  }  ion-menu.ios ion-note { line-height: 24px; margin-bottom: 20px;  } |
| ion-menu.ios ion-item {  --padding-start: 16px;  --padding-end: 16px;  --min-height: 50px;  } |

**8.32** Pengembangan Aplikasi *Mobile* Terintegrasi Menggunakan *Ionic*



ion-menu.ios ion-item.selected ion-icon { color: var(--ion-color-primary);

}

ion-menu.ios ion-item ion-icon { font-size: 24px;

color: #73849a;

}

ion-menu.ios ion-list#labels-list ion-list-header { margin-bottom: 8px;

}

ion-menu.ios ion-list-header, ion-menu.ios ion-note { padding-left: 16px;

padding-right: 16px;

}

ion-menu.ios ion-note { margin-bottom: 8px;

}

ion-note {

display: inline-block; font-size: 16px;

color: var(--ion-color-medium-shade);

}

ion-item.selected {

--color: var(--ion-color-primary);

}

</style>

Listing 8.24 Perintah untuk *src/App.vue*

import axios from 'axios';

export default class Rest { theUrl: string; constructor(url: string) { this.theUrl = url;

}

async get() {

return await axios.get(this.theUrl)

}

}

Listing 8.25

Perintah untuk src/services/Rest/index.ts

<template>

<ion-item v-if="actor" :routerLink="'/actor/' + actor.id" :detail="false" class="list-item">

<div slot="start"></div>

<ion-label class="ion-text-wrap">

<h2>

{{ actor.name }}

<span class="date">

<ion-note>Tanggal lahir: {{ actor.birthDate }}</ion-note>

<ion-icon

:icon="chevronForward" size="small"

v-if="isIos()">

</ion-icon>

</span>

</h2>

<h3>Tempat Lahir: {{ actor.bornAt }}</h3>

<h3>Film Pertama: {{ actor.filmography[0] }}</h3>

</ion-label>

</ion-item>

</template>

<script lang="ts">

import { IonIcon, IonItem, IonLabel, IonNote } from '@ionic/vue'; import { chevronForward } from 'ionicons/icons';

import { defineComponent } from 'vue';

export default defineComponent({ name: 'ActorsListItem', components: {

IonIcon, IonItem, IonLabel, IonNote,

},

props: {

actor: Object,

},

|  |
| --- |
| methods: { isIos: () => {  const win = window as any;  return win && win.Ionic && win.Ionic.mode === 'ios';  }  },  data() {  return { chevronForward }  }  });  </script>  <style scoped>  .list-item {  --padding-start: 0;  --inner-padding-end: 0;  }  .list-item ion-label { margin-top: 12px; margin-bottom: 12px;  }  .list-item h2 { font-weight: 600;  margin: 0;  }  .list-item p {  text-overflow: ellipsis; overflow: hidden; white-space: nowrap; width: 95%;  }  .list-item .date { float: right;  align-items: center; display: flex;  }  .list-item ion-icon { color: #c9c9ca;  }  .list-item ion-note { font-size: 15px; margin-right: 8px; font-weight: normal;  } |
| .list-item ion-note.md { margin-right: 14px;  } |

.list-item .dot { display: block; height: 12px; width: 12px;

border-radius: 50%; align-self: start;

margin: 16px 10px 16px 16px;

}

.list-item .dot-unread {

background: var(--ion-color-primary);

}

</style>

Listing 8.26

Perintah untuk *src/components/ActorsListItem*

<template>

<ion-page>

<ion-header :translucent="true">

<ion-toolbar>

<ion-buttons slot="start">

<ion-menu-button color="primary"></ion-menu-button>

</ion-buttons>

<ion-title>Biogra</ion-title>

</ion-toolbar>

</ion-header>

<ion-content :fullscreen="true">

<ion-refresher slot="fixed" @ionRefresh="refresh($event)">

<ion-refresher-content></ion-refresher-content>

</ion-refresher>

<ion-list>

<ActorsListItem

v-for="actor in actors"

:key="actor.id"

:actor="actor" />

</ion-list>

</ion-content>

</ion-page>

</template>

<script lang="ts">

import { IonContent, IonHeader, IonList, IonPage, IonRefresher, IonRefresherContent, IonTitle, IonToolbar } from '@ionic/vue';

import ActorsListItem from '@/components/ActorsListItem.vue'; import { defineComponent } from 'vue';

import Rest from '@/services/Rest';

export default defineComponent({ name: 'HomePage',

data() { return { actors: {}

}

},

ionViewWillEnter() {

const getRest = new Rest('http://192.168.1.5:4000/actors'); getRest.get().

then((ok: any) => (this.actors = ok.data));

},

methods: {

refresh: (ev: CustomEvent) => { setTimeout(() => { ev.detail.complete();

}, 3000);

}

},

components: { IonContent, IonHeader, IonList, IonPage, IonRefresher,

IonRefresherContent, IonTitle,

IonToolbar, ActorsListItem

},

});

</script>

Listing 8.27

Perintah untuk *src/views/Home.vue*

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|  |
| --- |
| <template>  <ion-page>  <ion-header :translucent="true">  <ion-toolbar>  <ion-buttons>  <ion-back-button :text="getBackButtonText()" default-href="/"></ion- back-button>  </ion-buttons>  </ion-toolbar>  </ion-header>  <ion-content>  <ion-card>  <ion-card-header>  <ion-card-subtitle>&copy; 2021 Dr. Bambang Purnomosidi D. P.</ion- card-subtitle>  <ion-card-title>Biogra</ion-card-title>  </ion-card-header>  <ion-card-content>  <ion-img :src="imgTentang" class="img-wrapper"></ion-img>  <strong>Biogra</strong> adalah aplikasi untuk melihat biografi aktor-aktor film.  </ion-card-content>  </ion-card>  </ion-content>  </ion-page>  </template>  <script lang="ts">  import { IonPage, IonContent, IonHeader, IonToolbar, IonButtons, IonBackButton, IonCard, IonCardHeader, IonCardSubtitle, IonCardTitle, IonCardContent } from '@ionic/vue';  import { defineComponent } from 'vue';  export default defineComponent({ name: 'MaskaTentang',  data() { return {  imgTentang: '/assets/img/biogra-logo.png', getBackButtonText: () => {  const win = window as any;  const mode = win && win.Ionic && win.Ionic.mode; return mode === 'ios' ? 'Inbox' : '';  }  }  },  components: { IonPage, IonContent, IonHeader, |
| IonToolbar, IonButtons, |

IonBackButton, IonCard, IonCardHeader, IonCardSubtitle, IonCardTitle, IonCardContent

},

});

</script>

Listing 8.28

Perintah untuk *src/views/Tentang.vue*

<template>

<ion-page>

<ion-header :translucent="true">

<ion-toolbar>

<ion-buttons>

<ion-back-button

:text="getBackButtonText()" default-href="/">

</ion-back-button>

</ion-buttons>

</ion-toolbar>

</ion-header>

<ion-content :fullscreen="true" v-if="actor">

<ion-item>

<ion-icon :icon="personCircle" color="primary"></ion-icon>

<ion-label class="ion-text-wrap">

<h2>

{{ actor.name }}

<span class="date">

<ion-note>

{{ actor.birthDate }}

( Usia: {{ usia }} tahun )

</ion-note>

</span>

</h2>

</ion-label>

</ion-item>

**MSIM4401**/MODUL 8 **8.39**



|  |
| --- |
| <div class="ion-padding">  <ion-img class="img-wrapper" :src="actor.photo"></ion-img>  <table>  <tr>  <td width="10%">Pasangan</td>  <td width="1%">:</td>  <td>{{ actor.wife }}</td>  </tr>  <tr>  <td>Tempat Lahir</td>  <td>:</td>  <td>{{ actor.bornAt }}</td>  </tr>  <tr>  <td>Berat Badan</td>  <td>:</td>  <td>{{ actor.weight }}</td>  </tr>  <tr v-if="actor.hasChildren">  <td>Anak</td>  <td>:</td>  <td>  <ol>  <li  v-for="(child, index) in actor.children"  :key="index">{{ child }}  </li>  </ol>  </td>  </tr>  <tr v-if="actor.hasGreyHar">  <td>Rambut Abu-abu</td>  <td>:</td>  <td>Ya</td>  </tr>  <tr>  <td>Filmografi</td>  <td>:</td>  <td>  <ol>  <li  v-for="(film, index) in actor.filmography"  :key="index">{{ film }}  </li>  </ol>  </td>  </tr>  </table>  </div> |
| </ion-content>  </ion-page>  </template> |

**8.40** Pengembangan Aplikasi *Mobile* Terintegrasi Menggunakan *Ionic*



|  |
| --- |
| <script lang="ts">  import { useRoute } from 'vue-router';  import { IonImg, IonBackButton, IonButtons, IonContent, IonHeader, IonIcon, IonItem, IonLabel, IonNote, IonPage, IonToolbar } from '@ionic/vue';  import { personCircle } from 'ionicons/icons'; import { defineComponent } from 'vue'; import Rest from '@/services/Rest';  import spacetime from "spacetime";  export default defineComponent({ name: 'ViewActor',  data() { return { actor: {}, usia: 0,  personCircle, getBackButtonText: () => { const win = window as any;  const mode = win && win.Ionic && win.Ionic.mode; return mode === 'ios' ? 'Inbox' : '';  }  }  },  ionViewWillEnter() {  const route = useRoute();  const theId = parseInt(route.params.id as string, 10);  const getRest = new Rest('http://192.168.1.5:4000/actors/' + theId); getRest.get().  then((ok: any) => { this.actor = ok.data;  const dob = spacetime(ok.data.birthDate, 'America/New\_York'); const t = Date.now() - dob.epoch;  const tAge = new Date(t);  this.usia = Math.abs(tAge.getUTCFullYear() - 1970);  }  );  },  components: { IonImg, IonBackButton, IonButtons, IonContent, IonHeader, IonIcon, IonItem, IonLabel, |
| IonNote, IonPage, |

**MSIM4401**/MODUL 8 **8.41**



|  |
| --- |
| IonToolbar  },  });  </script>  <style scoped> ion-item {  --inner-padding-end: 0;  --background: transparent;  }  ion-label {  margin-top: 12px; margin-bottom: 12px;  }  ion-item h2 {  font-weight: 600;  }  ion-item .date { float: right;  align-items: center; display: flex;  }  ion-item ion-icon { font-size: 42px; margin-right: 8px;  }  ion-item ion-note { font-size: 15px; margin-right: 12px; font-weight: normal;  }  table {  width: 100%;  }  tr:hover {background-color: #f5f5f5;} td {  white-space: nowrap; vertical-align: top; padding: 5px;  } |
| h1 { margin: 0; |

font-weight: bold; font-size: 22px;

}

p {

line-height: 22px;

}

</style>

Listing 8.29

Perintah untuk *src/views/ViewActor.vue*