$ npm install -g @ionic/cli

$ npm install -g semver

$ npm install -g @ionic/lab

Listing 6.1

Perintah Untuk Instalasi *Ionic Cli*

$ ionic start myBlankApp blank --type=vue

$ ionic start mySidemenuApp sidemenu --type=vue

$ ionic start myTabsApp tabs --type=vue

$ ionic start myListApp list --type=vue

Listing 6.2

Perintah Rerangka Pembuatan Aplikasi

$ ionic serve Atau:

$ ionic serve --lab

Listing 6.3

Perintah Pengujian Pada Browser

…

…

</ion-header>

<ion-content :fullscreen="true">

<!-- hanya berlaku pada iOS -->

<ion-header collapse="condense">

<ion-toolbar>

<ion-title size="large">Blank - header pada content</ion-title>

</ion-toolbar>

</ion-header>

<div id="container">

<strong>About Page: </strong>

<p>Aplikasi ini dibuat untuk praktikum 6 - KB 1

</p>

</div>

</ion-content>

<ion-footer :translucent="true">

<ion-toolbar>

<ion-title>Navigasi</ion-title>

<ion-router-link href="/">> Home

</ion-router-link>

<ion-router-link href="/about"> About

</ion-router-link>

</ion-toolbar>

</ion-footer>

</ion-page>

</template>

<script lang="ts">

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

import { defineComponent } from 'vue';

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

IonContent, IonHeader, IonFooter, IonPage,

…

…

Listing 6.4

Perintah pada File *src/views/AboutPage.vue*

…

…

import HomePage from '../views/HomePage.vue' import AboutPage from '../views/AboutPage.vue'

// <1>

const routes: Array<RouteRecordRaw> = [

{

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

},

{

path: '/home',

name: 'Home', component: HomePage

},

{

path: '/about', name: 'About',

component: AboutPage

}

]

…

…

// <2>

Listing 6.5

Perintah pada File *src/router/index.ts*

<template>

<ion-page>

<!-- hanya berlaku pada iOS -->

<ion-header :translucent="true">

<ion-toolbar>

<ion-title>Blank - Header</ion-title>

</ion-toolbar>

</ion-header>

<ion-content :fullscreen="true">

<!-- hanya berlaku pada iOS -->

<ion-header collapse="condense">

<ion-toolbar>

<ion-title size="large">Blank - header pada content</ion-title>

</ion-toolbar>

</ion-header>

<div id="container">

<strong>Ready to create an app?</strong>

<p>Start with Ionic

<a target="\_blank" rel="noopener noreferrer" href="https://ionicframework.com/docs/components"> UI Components

</a>

</p>

</div>

</ion-content>

<ion-footer :translucent="true">

<ion-toolbar>

<ion-title>Navigasi</ion-title>

<ion-router-link href="/">> Home

</ion-router-link>

<ion-router-link href="/about"> About

</ion-router-link>

</ion-toolbar>

</ion-footer>

</ion-page>

</template>



<script lang=”ts”>

import { IonContent, IonFooter, IonHeader, IonPage, IonTitle, IonToolbar } from ‘@ionic/vue’;

import { defineComponent } from ‘vue’;

export default defineComponent({

name: ‘Home’, components: { IonFooter, IonContent, IonHeader, IonPage, IonTitle, IonToolbar

}

});

</script>

…

…

Listing 6.6

Perintah pada File *src/views/HomePage.vue*

…

…

<ion-toolbar>

<ion-title>Tab 4</ion-title>

</ion-toolbar>

</ion-header>

<ion-content :fullscreen=”true”>

<ion-header collapse=”condense”>

<ion-toolbar>

<ion-title size=”large”>Tab 4</ion-title>

</ion-toolbar>

</ion-header>

<ExploreContainer name=”Tab 4 page” />

</ion-content>

…

…

Listing 6.7

Perintah *src/views/Tab4Page.vue*

Penambahan pada file *src/views/TabsPage.vue*:

…

…

<ion-tab-button tab=”tab4” href=”/tabs/tab4”>

<ion-icon :icon=”people” />

<ion-label>Tab 4</ion-label>

</ion-tab-button>

// <1>

…

…

<script lang=”ts”>

import { IonTabBar, IonTabButton, IonTabs, IonLabel, IonIcon, IonPage } from ‘@ ionic/vue’;

import { // <2>

ellipse, square, triangle,

people } from ‘ionicons/icons’;

export default { name: ‘Tabs’,

components: { IonLabel, IonTabs, IonTabBar, IonTabButton, IonIcon, IonPage }, setup() {

return { ellipse, square, triangle,

people, // <3>

}

…

…

Listing 6.8

Perintah pada File *src/views/TabsPage.vue*

…

…

component: () => import(‘@/views/Tab3Page.vue’)

},

{

path: ‘tab4’,

component: () => import(‘@/views/Tab4Page.vue’)

}

…

…

Listing 6.9

Perintah pada File *router/index.ts*

…

…

import { useRoute } from ‘vue-router’;

import { copy, archiveOutline, archiveSharp, bookmarkOutline, bookmarkSharp, heartOutline, heartSharp, mailOutline, mailSharp, paperPlaneOutline, paperPlaneSharp, trashOutline, trashSharp, warningOutline, warningSharp } from ‘ionicons/icons’;

export default defineComponent({

…

…

iosIcon: warningOutline, mdIcon: warningSharp

},

{

title: ‘Drafts’,

url: ‘/folder/Draft’, iosIcon: copy, mdIcon: copy

}

];

…

…

const route = useRoute();

return { copy,

selectedIndex, appPages,

…

…

Listing 6.10

Perintah Menambahkan Menu Drafts

<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”>

<div>

<ion-title>

Aplikasi Pembaca Inbox<br />

</ion-title>

&copy; Dr. Bambang Purnomosidi D. P.

</div>

</ion-content>

</ion-page>

</template>

<script lang=”ts”>

import { IonBackButton, IonContent, IonHeader, IonPage, IonTitle, IonToolbar } from ‘@ionic/vue’;

import { defineComponent } from ‘vue’;

export default defineComponent({

name: ‘About’,

data() { return {

getBackButtonText: () => { const win = window as any;

const mode = win && win.Ionic && win.Ionic.mode; return mode === ‘ios’ ? ‘Inbox’ : ‘’;

}

}

},

components: { IonBackButton, IonContent, IonHeader,

IonPage, IonTitle, IonToolbar

},

});

</script>

Listing 6.11

Perintah Penambahan *Footer* Pada Halaman Utama (Home)

…

…

<ion-list>

<MessageListItem

v-for=”message in messages”

:key=”message.id”

:message=”message” />

</ion-list>

<ion-footer>

<ion-toolbar>

<ion-title size=”large”>Aplikasi Pembaca Inbox</ion-title>

<ion-router-link href=”/about”> Tentang Aplikasi Ini

</ion-router-link>

</ion-toolbar>

</ion-footer>

</ion-content>

…

…

<script lang=”ts”>

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

import MessageListItem from ‘@/components/MessageListItem.vue’;

…

…

},

components: { IonContent, IonHeader, IonFooter, IonList,

…

…

Listing 6.12

Perintah pada File *src/views/HomePage.vue*

…

…

path: ‘/message/:id’,

component: () => import(‘../views/ViewMessage.vue’)

},

{

path: ‘/about’,

component: () => import(‘../views/AboutPage.vue’)

}

]

…

…

Listing 6.13

Perintah pada File *router*: *src/router/index.ts*

**$ ionic start myCatApp sidemu --type=vue**

Listing 6.14

Perintah Penggunaan *Starter* Sidemenu

<template>

<IonApp>

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

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

<ion-content>

<ion-list id=”inbox-list”>

<ion-list-header>Maska</ion-list-header>

<ion-note>Everyday is caturday!</ion-note>

<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>

</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 { paw } 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 MaskaApp’, url: ‘/about’,

iosIcon: paw, mdIcon: paw

}

];

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, paw,

isSelected: (url: string) => url === route.path ? ‘selected’ : ‘’

}

}

});

</script>

<style scoped>

…

...

Listing 6.15 Perintah File *src/App.vue*

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

const routes: Array<RouteRecordRaw> = [

{

path: ‘’,

redirect: ‘/maska’

},

{

path: ‘/maska’,

component: () => import (‘../views/ViewCat.vue’)

},

{

path: ‘/about’,

component: () => import (‘../views/AboutPage.vue’)

}

]

const router = createRouter({

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

})

export default router

Listing 6.16 Perintah File *router/index.ts*

<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”>

<div>

<ion-title> MaskaApp<br />

</ion-title>

&copy; Dr. Bambang Purnomosidi D. P.

</div>

</ion-content>

</ion-page>

</template>

<script lang=”ts”>

import { IonBackButton, IonContent, IonHeader, IonPage, IonTitle, IonToolbar } from ‘@ionic/vue’;

import { defineComponent } from ‘vue’;

export default defineComponent({

name: ‘AboutPage’, data() {

return {

getBackButtonText: () => { const win = window as any;

const mode = win && win.Ionic && win.Ionic.mode; return mode === ‘ios’ ? ‘Inbox’ : ‘’;

}

}

},

components: { IonBackButton, IonContent, IonHeader, IonPage, IonTitle, IonToolbar

},

});

</script>

Listing 6.17

Perintah File *src/views/AboutPage.vue*

<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>MaskaApp</ion-title>

</ion-toolbar>

</ion-header>

<ion-content>

<ion-grid>

<ion-row>

<ion-col v-for=”cat in cats” :key=”cat.id”>

{{ cat.nama }}<br />

<ion-img class=”img-wrapper” :src=”cat.file”></ion-img>

</ion-col>

</ion-row>

</ion-grid>

</ion-content>

</ion-page>

</template>

<script lang=”ts”>

import { IonImg, IonButtons, IonContent, IonHeader, IonMenuButton, IonPage, IonTitle, IonToolbar } from ‘@ionic/vue’;

import { getCats } from ‘../data/cats’;

export default { name: ‘ViewCat’, data() {

return {

cats: getCats()

}

},

components: { IonImg, IonButtons, IonContent, IonHeader, IonMenuButton, IonPage, IonTitle, IonToolbar

}

}

</script>

Listing 6.18

Perintah File *src/views/ViewCat.vue*

export interface Cat { nama: string;

file: string;

id: number;

}

const cats: Cat[] = [

{

nama: ‘Cipa’,

file: ‘/assets/img/cipa.png’,

id: 0

},

{

nama: ‘Cipo’,

file: ‘/assets/img/cipo.png’,

id: 1

},

{

nama: ‘Kuro’,

file: ‘/assets/img/kuro.png’,

id: 2

},

{

nama: ‘Garfield’,

file: ‘/assets/img/garfield.png’,

id: 3

},

{

nama: ‘Leon’,

file: ‘/assets/img/leon.png’,

id: 4

},

{

nama: ‘Haiku’,

file: ‘/assets/img/haiku.png’,

id: 5

},

{

nama: ‘Mio’,

file: ‘/assets/img/mio.png’,

id: 6

},

{

nama: ‘Maska’,

file: ‘/assets/img/maska.png’,

id: 7

}

];

export const getCats = () => cats;

export const getCat = (id: number) => cats.find(m => m.id === id);

Listing 6.19

Perintah File *src/data/cats.ts*

--ion-background-color: #eeeebb;

--ion-background-color-rgb: 238,238,187;

--ion-text-color: #000000;

--ion-text-color-rgb: 0,0,0;

--ion-color-step-50: #e2e2b2;

--ion-color-step-100: #d6d6a8;

--ion-color-step-150: #caca9f;

--ion-color-step-200: #bebe96;

--ion-color-step-250: #b3b38c;

--ion-color-step-300: #a7a783;

--ion-color-step-350: #9b9b7a;

--ion-color-step-400: #8f8f70;

--ion-color-step-450: #838367;

--ion-color-step-500: #77775e;

--ion-color-step-550: #6b6b54;

--ion-color-step-600: #5f5f4b;

--ion-color-step-650: #535341;

--ion-color-step-700: #474738;

--ion-color-step-750: #3c3c2f;

--ion-color-step-800: #303025;

--ion-color-step-850: #24241c;

--ion-color-step-900: #181813;

--ion-color-step-950: #0c0c09;

Listing 6.20 Perintah File *variable.css*

**$ ionic serve --lab**

Listing 6.21

Perintah Menjalankan Program

<template>

<IonApp>

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

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

<ion-content>

<ion-list id=”inbox-list”>

<ion-list-header>Maska</ion-list-header>

<ion-note>Everyday is caturday!</ion-note>

<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>

</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 { paw } 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 Maska’, url: ‘/tentang’, iosIcon: paw,

mdIcon: paw

}

];

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, paw,

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#inbox-list {

border-bottom: 1px solid var(--ion-color-step-150, #d7d8da);

}

ion-menu.md ion-list#inbox-list ion-list-header { font-size: 22px;

font-weight: 600;

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;

}

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 6.22

Perintah pada File *src/App.vue*

import { createApp } from ‘vue’ import App from ‘./App.vue’ import router from ‘./router’;

import { IonicVue } from ‘@ionic/vue’;

/\* Core CSS required for Ionic components to work properly \*/ import ‘@ionic/vue/css/core.css’;

/\* Basic CSS for apps built with Ionic \*/ import ‘@ionic/vue/css/normalize.css’; import ‘@ionic/vue/css/structure.css’; import ‘@ionic/vue/css/typography.css’;

/\* Optional CSS utils that can be commented out \*/ import ‘@ionic/vue/css/padding.css’;

import ‘@ionic/vue/css/float-elements.css’; import ‘@ionic/vue/css/text-alignment.css’; import ‘@ionic/vue/css/text-transformation.css’; import ‘@ionic/vue/css/flex-utils.css’;

import ‘@ionic/vue/css/display.css’;

/\* Theme variables \*/

import ‘./theme/variables.css’;

const app = createApp(App)

.use(IonicVue)

.use(router); router.isReady().then(() => { app.mount(‘#app’);

});

Listing 6.23

Perintah pada File *src/main.ts*

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

import MaskaHome from ‘../views/MaskaHome.vue’ import MaskaTentang from ‘../views/MaskaTentang.vue’

const routes: Array<RouteRecordRaw> = [

{

path: ‘’,

redirect: ‘/maska’

},

{

path: ‘/maska’, name: ‘MaskaHome’,

component: MaskaHome

},

{

path: ‘/tentang’,

name: ‘MaskaTentang’, component: MaskaTentang

}

]

const router = createRouter({

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

})

export default router

Listing 6.24

Perintah pada File *src/router/index.ts*

export interface Cat { nama: string;

file: string;

id: number;

}

const cats: Cat[] = [

{

nama: ‘Cipa’,

file: ‘/assets/img/cipa.png’,

id: 0

},

{

nama: ‘Cipo’,

file: ‘/assets/img/cipo.png’,

id: 1

},

{

nama: ‘Kuro’,

file: ‘/assets/img/kuro.png’,

id: 2

},

{

nama: ‘Garfield’,

file: ‘/assets/img/garfield.png’,

id: 3

},

{

nama: ‘Leon’,

file: ‘/assets/img/leon.png’,

id: 4

},

{

nama: ‘Haiku’,

file: ‘/assets/img/haiku.png’,

id: 5

},

{

nama: ‘Mio’,

file: ‘/assets/img/mio.png’,

id: 6

},

{

nama: ‘Maska’,

file: ‘/assets/img/maska.png’,

id: 7

}

];

export const getCats = () => cats;

export const getCat = (id: number) => cats.find(m => m.id === id);

Listing 6.25

Perintah pada File *src/data/cats.ts*

…

…

.img-wrapper { min-height: 1px; height: 100px; width: 100px;

background-size: cover; background-repeat: no-repeat;

}

…

…

Listing 6.26

Perintah pada File *src/theme/variables.css*

<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>MaskaApp</ion-title>

</ion-toolbar>

</ion-header>

<ion-content>

<ion-list>

<ion-item v-for=”cat in cats” :key=”cat.id”>

<p>{{ cat.nama }}</p>

<p>

<ion-button @click=”adopsi(cat.id)”> Adopsi

</ion-button>

</p>

<ion-img class=”img-wrapper” :src=”cat.file”></ion-img>

</ion-item>

</ion-list>

</ion-content>

</ion-page>

</template>

<script lang=”ts”>

import { alertController, IonImg, IonList, IonItem, IonButtons, IonContent, IonHeader, IonMenuButton, IonPage, IonTitle, IonToolbar } from ‘@ionic/vue’; import { getCats, getCat } from ‘../data/cats’;

import { defineComponent } from ‘vue’;

export default defineComponent ({

name: ‘MaskaHome’, data() {

return {

cats: getCats()

}

},

methods: {

async adopsi(id: number) { const theCat = getCat(id);

const alert = await alertController

.create({

header: ‘Konfirmasi’,

message: `Anda akan mengadopsi <strong>${theCat?.nama}</strong>`, buttons: [

{

text: ‘Batal’, role: ‘cancel’,

cssClass: ‘secondary’, handler: () => {

console.log(`Memilih batal adopsi ${theCat?.nama}`)

},

},

{

text: ‘Ok’,

handler: () => {

console.log(`Ok, proses adopsi ${theCat?.nama}!`)

},

},

],

});

return alert.present();

}

},

components: { IonImg, IonButtons, IonContent, IonHeader, IonMenuButton, IonPage, IonTitle, IonToolbar, IonList,

IonItem

}

});

</script>

<style scoped> #container {

text-align: center; position: absolute; left: 0;

right: 0;

top: 50%;

transform: translateY(-50%);

}

#container strong { font-size: 20px; line-height: 26px;

}

#container p { font-size: 16px; line-height: 22px; color: #8c8c8c; margin: 0;

}

#container a {

text-decoration: none;

}

</style>

Listing 6.27

Perintah pada File *src/views/MaskaHome*

<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>Maska</ion-card-title>

</ion-card-header>

<ion-card-content>

<ion-img :src=”imgTentang” class=”img-wrapper”></ion-img>

<strong>Maska</strong> adalah aplikasi untuk pecinta kucing. Aplikasi ini akan mempertemukan

para pecinta kucing dengan pecinta kucing lainnya serta hal-hal lain yang terkait dengan kucing.

</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/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 6.28

Perintah pada File *src/views/MaskaTentang.vue*

…

…

import router from ‘./router’;

import axios from ‘axios’

import VueAxios from ‘vue-axios’ import { IonicVue } from ‘@ionic/vue’;

…

…

import ‘./theme/variables.css’;

const app = createApp(App)

.use(IonicVue)

.use(VueAxios, axios)

.use(router);

…

…

Listing 6.29

Perintah pada File *src/main.ts*

1. Hapus *src/components/MessageListItem.vue.* Buat file baru untuk menggantikan dengan nama *src/components/UserListItem.vue*. Komponen ini dipanggil oleh komponen Home untuk menampilkan seluruh *users:*

<template>

<ion-item v-if=”user” :routerLink=”’/user/’ + user.id” :detail=”false” class=”list-item”>

<div slot=”start” :class=”!user.read ? ‘dot dot-unread’ : ‘dot’”></div>

<ion-label class=”ion-text-wrap”>

<h2>

{{ user.name }}

<span class=”date”>

<ion-note>{{ user.email }}</ion-note>

<ion-icon :icon=”chevronForward” size=”small” v-if=”isIos()”></ion-

icon>

</span>

</h2>

<h3>{{ user.phone }}</h3>

<h3>{{ user.company.name }}</h3>

<p>{{ user.company.catchPhrase }}</p>

</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: ‘UserListItem’, components: {

IonIcon, IonItem, IonLabel, IonNote,

},

props: {

user: 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;

…

…

Listing 6.30

Perintah pada File *src/components/UserListItem.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=”user”>

<ion-item>

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

<ion-label class=”ion-text-wrap”>

<h2>

{{ user.name }}

<span class=”date”>

<ion-note>{{ user.phone }}</ion-note>

</span>

</h2>

<h3>Website: <ion-note>{{ user.address.street }}</ion-note></h3>

</ion-label>

</ion-item>

<div class=”ion-padding”>

</div>

</ion-content>

</ion-page>

</template>

<script lang=”ts”>

import { useRoute } from ‘vue-router’;

import { IonBackButton, IonButtons, IonContent, IonHeader, IonIcon, IonItem, IonLabel, IonNote, IonPage, IonToolbar } from ‘@ionic/vue’; import { personCircle } from ‘ionicons/icons’;

//import { getMessage } from ‘../data/messages’;

import { defineComponent } from ‘vue’;

export default defineComponent({

name: ‘ViewUser’, data() {

return { personCircle,

getBackButtonText: () => { const win = window as any;

const mode = win && win.Ionic && win.Ionic.mode; return mode === ‘ios’ ? ‘Inbox’ : ‘’;

},

user: ‘’

}

},

mounted() {

const route = useRoute(); this.axios

.get(“https://jsonplaceholder.typicode.com/users/” + parseInt(route. params.id as string, 10))

.then((response: any) => { this.user = response.data;

});

},

components: { IonBackButton, IonButtons, IonContent, IonHeader, IonIcon, IonItem, IonLabel, IonNote, IonPage, IonToolbar,

},

});

</script>

<style scoped> ion-item {

…

…

Listing 6.31

Perintah pada File *src/views/ViewUser.vue*

…

…

},

{

path: ‘/home’,

name: ‘Home’, component: Home

},

{

path: ‘/user/:id’,

component: () => import(‘../views/ViewUser.vue’)

}

]

…

…

Listing 6.32 Perintah Mengatur *Router*

<template>

<ion-page>

<ion-header :translucent=”true”>

<ion-toolbar>

<ion-title>Data User</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-header collapse=”condense”>

<ion-toolbar>

<ion-title size=”large”>Inbox</ion-title>

</ion-toolbar>

</ion-header>

<ion-list>

<UserListItem v-for=”user in users” :key=”user.id” :user=”user” />

</ion-list>

</ion-content>

</ion-page>

</template>

<script lang=”ts”>

import { IonContent, IonHeader, IonList, IonPage, IonRefresher, IonRefresherContent, IonTitle, IonToolbar } from ‘@ionic/vue’; import UserListItem from ‘@/components/UserListItem.vue’; import { defineComponent } from ‘vue’;

export default defineComponent({

name: ‘HomePage’, data() {

return { users: []

}

},

mounted() { this.axios.get(“https://jsonplaceholder.typicode.com/users”).then((response) => { this.users = response.data;

})

},

methods: {

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

}, 3000);

}

},

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

IonRefresherContent, IonTitle,

IonToolbar, UserListItem

},

});

</script>

Listing 6.33

Perintah pada File *src/views/HomePage.vue*

…

…

import router from ‘./router’;

import axios from ‘axios’

import VueAxios from ‘vue-axios’

import { IonicVue } from ‘@ionic/vue’;

…

…

import ‘./theme/variables.css’;

const app = createApp(App)

.use(IonicVue)

.use(VueAxios, axios)

.use(router);

…

…

Listing 6.34

Perintah pada File *src/main.ts*

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

import ViewCat from ‘../views/ViewCat.vue’ const routes: Array<RouteRecordRaw> = [

{

path: ‘’,

redirect: ‘/maska’

},

{

path: ‘/maska’, name: ‘ViewCat’, component: ViewCat

},

{

path: ‘/about’,

component: () => import (‘../views/About.vue’)

}

]

const router = createRouter({

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

})

export default router

Listing 6.35

Perintah pada File *src/router/index.ts*

<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>MaskaApp</ion-title>

</ion-toolbar>

</ion-header>

<ion-content>

<ion-grid>

<ion-row>

<ion-col v-for=”cat in cats” :key=”cat.id”>

{{ cat.title }}<br />

<ion-img class=”img-wrapper” :src=”cat.thumbnailUrl”></ion-img>

</ion-col>

</ion-row>

</ion-grid>

</ion-content>

</ion-page>

</template>

<script lang=”ts”>

import { IonImg, IonButtons, IonContent, IonHeader, IonMenuButton, IonPage, IonTitle, IonToolbar } from ‘@ionic/vue’;

import { defineComponent } from ‘vue’;

export default defineComponent({

name: ‘ViewCat’, data() {

return { cats: []

}

},

mounted() { this.axios.get(“https://jsonplaceholder.typicode.com/photos”).

then((response: any) => { this.cats = response.data;

})

},

components: { IonImg, IonButtons, IonContent, IonHeader, IonMenuButton, IonPage, IonTitle, IonToolbar

}

})

</script>

<style scoped> #container {

…

…

Listing 6.36

Perintah pada File *src/views/ViewCat.vue*

export interface Cat { nama: string;

file: string; adopted: boolean; id: number;

}

const cats: Cat[] = [

{

nama: ‘Cipa’,

file: ‘/assets/img/cipa.png’,

adopted: true, id: 0

},

{

nama: ‘Cipo’,

file: ‘/assets/img/cipo.png’,

adopted: false, id: 1

},

{

nama: ‘Kuro’,

file: ‘/assets/img/kuro.png’,

adopted: true, id: 2

},

{

nama: ‘Garfield’,

file: ‘/assets/img/garfield.png’,

adopted: true, id: 3

},

{

nama: ‘Leon’,

file: ‘/assets/img/leon.png’,

adopted: false, id: 4

},

{

nama: ‘Haiku’,

file: ‘/assets/img/haiku.png’,

adopted: true, id: 5

},

{

nama: ‘Mio’,

file: ‘/assets/img/mio.png’,

adopted: true, id: 6

},

{

nama: ‘Maska’,

file: ‘/assets/img/maska.png’,

adopted: false, id: 7

}

];

export const getCats = () => cats;

export const getCat = (id: number) => cats.find(m => m.id === id);

Listing 6.37

Perintah pada File *src/data/cats.ts*

Pada file *src/views/MaskaHome*, terdapat perubahan kecil:

…

…

<ion-list>

<ion-item v-for=”cat in cats” :key=”cat.id”>

<p>{{ cat.nama }}</p>

<p>

<ion-button v-if=”!cat.adopted” @click=”adopsi(cat.id)”> Adopsi

</ion-button>

</p>

<ion-img class=”img-wrapper” :src=”cat.file”></ion-img>

</ion-item>

</ion-list>

…

…

Listing 6.38

Perintah pada File *src/views/MaskaHome*