<template>

<ion-page>

// <1>

<ion-header>

<ion-toolbar color="primary">

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

</ion-toolbar>

</ion-header>

// <2>

<ion-content class="ion-padding">

<ion-toolbar>

<h1>Main Content</h1>

</ion-toolbar>

</ion-content>

// <3>

<ion-footer>

<ion-toolbar color="success">

<ion-title>Footer</ion-title>

</ion-toolbar>

</ion-footer>

</ion-page>

</template>

// <4>

<script lang="ts"> import {

IonPage, IonHeader, IonTitle, IonToolbar, IonContent, IonFooter

} from '@ionic/vue';

import { defineComponent } from 'vue';

// <5>

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

IonPage, IonContent, IonFooter, IonHeader, IonTitle, IonToolbar

}

});

</script>

<style scoped> #container {

…

…

…

</style>

Listing 5.1

*Single Page Layout* (*src/views/HomeSinglePage.vue*)

<template>

<ion-page>

<ionReactRouter>

<ion-tabs>

<ionRouterOutlet></ionRouterOutlet>

<ion-tab-bar slot="bottom">

// <1>

// <2>

<!-- bisa ditambahkan routing

<ion-tab-button tab="home" href="/tabs/tab1">

-->

<ion-tab-button tab="home">

<ion-label>Home</ion-label>

<ion-icon :icon="home" />

</ion-tab-button>

<ion-tab-button tab="settings">

<ion-label>Settings</ion-label>

<ion-icon :icon="settings"></ion-icon>

</ion-tab-button>

</ion-tab-bar>

</ion-tabs>

</ionReactRouter>

</ion-page>

// <3>

// <4>

// <5>

</template>

<script lang="ts">

import { defineComponent } from 'vue';

import { IonPage, IonTabBar, IonTabButton, IonTabs, IonLabel, IonIcon, IonRouterOutlet,

} from '@ionic/vue'; import {

settings, home

} from 'ionicons/icons';

// <6>

// <7>

export default defineComponent({ name: 'HomeTabs',

components: { IonPage, IonTabBar, IonTabButton, IonTabs, IonIcon, IonLabel, IonRouterOutlet,

},

setup() { return { settings,

// <8>

home,

}

}

});

</script>

<style scoped> #container {

…

…

…

</style>

Listing 5.2

Tabs layout (*src/views/HomeTabs.vue*)

<template>

<ion-menu contentId="main-content">

// <1>

<ion-header>

<ion-toolbar color="primary">

<ion-title>Menu</ion-title>

</ion-toolbar>

</ion-header>

// <2>

<ion-content>

<ion-list>

<ion-list-header>Navigate</ion-list-header>

<ion-menu-toggle>

<ion-item button href="/menu/home">

<ion-icon :icon='home' />

<ion-label>Home</ion-label>

</ion-item>

<ion-item button href="/menu/settings">

<ion-icon :icon='settings' />

<ion-label>Settings</ion-label>

</ion-item>

<ion-item href="/menu/menu3"> Menu ke 3 tanpa icon

</ion-item>

</ion-menu-toggle>

</ion-list>

</ion-content>

</ion-menu>

// <3>

<ion-page class="ion-page" id="main-content">

<ion-header>

<ion-toolbar>

<ion-buttons slot="start">

<ion-menu-toggle>

<ion-button>

<ion-icon slot="icon-only" :icon="menu">

</ion-icon>

</ion-button>

</ion-menu-toggle>

</ion-buttons>

<ion-title> Header

// <4>

// <5>

</ion-title>

</ion-toolbar>

</ion-header>

<ion-content class="ion-padding"> // <6>

<h1>Content</h1>

<p>Klik pada ikon menu untuk menampilkan menu</p>

</ion-content>

</ion-page>

</template>

<script lang="ts">

import { IonButtons, IonMenuToggle, IonButton, IonLabel, IonItem, IonIcon,

IonList, IonListHeader, IonMenu, IonPage, IonHeader, IonTitle, IonToolbar, IonContent

} from '@ionic/vue'; import {

home, menu, settings

} from 'ionicons/icons';

import { defineComponent } from 'vue';

// <7>

// <8>

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

IonButtons, IonMenuToggle, IonButton, IonIcon, IonLabel, IonListHeader, IonItem,

IonList,

IonMenu, IonPage, IonContent, IonHeader, IonTitle, IonToolbar

},

setup() { return { home, menu, settings,

}

}

});

</script>

// <9>

<style scoped>

…

…

…

</style>

Listing 5.3

Menu Layout (*src/views/HomeMenu.vue*)

<template>

<ion-page>

<ion-split-pane when="sm" content-id="main-content">

//<1>

<ion-menu contenid-id="main-content">

//<2>

<ion-header>

<ion-toolbar color="primary">

<ion-title>Menu</ion-title>

</ion-toolbar>

</ion-header>

//<3>

<ion-content>

<ion-list>

<ion-list-header> Navigasi

</ion-list-header>

<ion-menu-toggle auto-hide="false">

<ion-item button href="/nav/home">

<ion-icon :icon="home">

</ion-icon>

<ion-label>Home</ion-label>

</ion-item>

<ion-item button href="/nav/settings">

<ion-icon :icon="settings">

</ion-icon>

<ion-label>Settings</ion-label>

</ion-item>

</ion-menu-toggle>

</ion-list>

</ion-content>

</ion-menu>

//<4>

<div class="ion-aid" id="main-content">

<ion-header>

<ion-toolbar>

<ion-buttons slot="start">

<ion-menu-toggle>

<ion-button>

<ion-icon slot="icon-only" icon="menu">

</ion-icon>

</ion-button>

</ion-menu-toggle>

</ion-buttons>

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

</ion-toolbar>

</ion-header>

<ion-content class="ion-padding">

<h1>Isi</h1>

</ion-content>

</div>

//<5>

</ion-split-pane>

</ion-page>

</template>

<script lang="ts"> import {

IonPage, IonHeader, IonTitle, IonToolbar, IonContent, IonSplitPane, IonIcon

} from '@ionic/vue';

//<6>

import { defineComponent } from 'vue'; import {

home, menu, settings

} from 'ionicons/icons';

//<7>

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

IonPage, IonContent, IonHeader,

IonTitle,

IonToolbar, IonIcon, IonSplitPane

},

setup() { return { home, menu, settings,

}

}

});

</script>

<style scoped> #container {

…

…

…

</style>

//<8>

Listing 5.4

Split Pane Layout (*src/views/HomeSplitPane.vue*)

<template>

<ion-grid fixed>

// <1>

<ion-row>

<ion-col>

<ion-item>

<ion-label>Baris 1 - Kolom 1</ion-label>

</ion-item>

</ion-col>

<ion-col>

<ion-item>

<ion-label>Baris 1 - Kolom 2</ion-label>

</ion-item>

</ion-col>

<ion-col>

<ion-item>

<ion-label>Baris 1 - Kolom 3</ion-label>

</ion-item>

</ion-col>

</ion-row>

// <2>

// <3>

<ion-row>

<ion-col offset="6">

<ion-item>

<ion-label>Baris 2 - Kolom 1</ion-label>

</ion-item>

</ion-col>

<ion-col>

<ion-item>

<ion-label>Baris 2 - Kolom 2</ion-label>

</ion-item>

</ion-col>

<ion-col>

<ion-item>

// <4>

<ion-label>Baris 2 - Kolom 3</ion-label>

</ion-item>

</ion-col>

</ion-row>

<ion-row>

<ion-col size="2">

<ion-item>

<ion-label>Baris 3 - Kolom 1</ion-label>

</ion-item>

</ion-col>

<ion-col>

<ion-item>

<ion-label>Baris 3 - Kolom 2</ion-label>

</ion-item>

</ion-col>

<ion-col pull="2">

<ion-item>

<ion-label>Baris 3 - Kolom 3</ion-label>

</ion-item>

</ion-col>

</ion-row>

// <5>

// <6>

<ion-row>

<ion-col size="1"

class="ion-align-self-end bgcolor2">

<ion-item>

<ion-label>4 - 1</ion-label>

</ion-item>

</ion-col>

<ion-col size="2"

class="bgcolor1 ion-justify-content-center">

<ion-item>

<ion-label>4 - 2</ion-label>

</ion-item>

</ion-col>

<ion-col>

<ion-item>

<ion-label>4 - 3</ion-label>

</ion-item>

</ion-col>

</ion-row>

// <7>

// <8>

</ion-grid>

</template>

<script lang="ts"> import {

IonGrid, IonRow, IonCol, IonLabel

} from '@ionic/vue';

// <9>

import { defineComponent } from 'vue'; export default defineComponent({ name: 'HomeSinglePage', components: {

IonGrid, IonRow, IonCol, IonLabel

}

});

</script>

<style scoped>

.bgcolor1 { background: #cdcfd6;

}

.bgcolor2 { background: #cdcfaa;

}

.bgcolor3 { background: #aacfd6;

}

.bgcolor4 { background: #cdaad6;

}

#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 5.5

Layout Grid (*src/views/HomeResponsiveGrid.vue*)

|  |
| --- |
| <template>  <!-- Default  Jika di-klik, maka handler defaultClicked akan dikerjakan Tanda @ untuk menyingkat v-on:click  Lihat dokumentasi Vue untuk tanda @  -->  <ion-button @click="defaultClicked">Default</ion-button>  <p>Hasil = {{ hasil }}</p>  <!-- Anchor -->  <ion-button href="https://ionicframework.com">Akses Ionic</ion-button>  <!-- Colors -->  <ion-button color="warning">Primary</ion-button>  <ion-button color="medium">Medium</ion-button>  <!-- Expand  full: tanpa batas kiri kanan  block: terdapat batas kiri dan kanan  -->  <ion-button expand="full">Full Button</ion-button>  <ion-button expand="block">Block Button</ion-button> |
| <!-- Round -->  <ion-button color="danger" shape="round">Round Button</ion-button> |

**MSIM4401**/MODUL 5 **5.39**



|  |
| --- |
| <!-- Fill -->  <ion-button expand="full" fill="outline">Outline + Full</ion-button>  <ion-button expand="block" fill="outline">Outline + Block</ion-button>  <ion-button shape="round" fill="outline">Outline + Round</ion-button>  <!-- Icons -->  <ion-button>  <ion-icon slot="start" :icon="settings"></ion-icon> Icon di kiri  </ion-button>  <ion-button> Icon di kanan  <ion-icon slot="end" :icon="menu"></ion-icon>  </ion-button>  <ion-button>  <ion-icon slot="icon-only" :icon="star"></ion-icon>  </ion-button>  <!-- Sizes -->  <ion-button size="large">Large</ion-button>  <ion-button>Default</ion-button>  <ion-button size="small">Small</ion-button>  </template>  <script>  import { IonButton, IonIcon } from '@ionic/vue'; import { defineComponent } from 'vue';  import { star, menu, settings } from 'ionicons/icons';  export default defineComponent({ components: { IonButton, IonIcon }, data() {  return {  // variabel yang akan digunakan untuk menampung hasil  // jika tombol default di-klik hasil: ''  }  },  methods: {  // mendefinisikan event-handler |
| defaultClicked() {  this.hasil = "Default di-klik"  }  },  setup() { return { star, menu, |

settings,

}

}

});

</script>

Listing 5.6

Button (*src/views/HomeButton.vue*)

…

…

…

<ion-button>

<ion-icon slot="start" :icon="settings"></ion-icon> Icon di kiri

</ion-button>

…

…

…

<script>

import { IonButton, IonIcon } from '@ionic/vue'; import { star, menu, settings } from 'ionicons/icons';

…

…

… setup() { return {

star, menu, settings,

}

}

});

</script>

LIST

<template>

<p>List biasa</p>

<ion-list>

<ion-item>

<ion-label>Urutan list nomor 1</ion-label>

</ion-item>

<ion-item>

<ion-label>Urutan list nomor 2</ion-label>

</ion-item>

<ion-item>

<ion-label>Urutan list nomor 3</ion-label>

</ion-item>

</ion-list>

<p>List - sliding items</p>

<ion-list>

<ion-item-sliding>

<ion-item>

<ion-label>Item 1</ion-label>

</ion-item>

<ion-item-options side="end">

<ion-item-option @click="unread(item)">Unread</ion-item-option>

</ion-item-options>

</ion-item-sliding>

<ion-item-sliding>

<ion-item>

<ion-label>Item 2</ion-label>

</ion-item>

<ion-item-options side="end">

<ion-item-option @click="unread(item)">Unread</ion-item-option>

</ion-item-options>

</ion-item-sliding>

</ion-list>

</template>

<script> import { IonItem,

IonItemOption, IonItemOptions, IonItemSliding, IonList, IonLabel,

} from '@ionic/vue';

import { defineComponent } from 'vue';

export default defineComponent({ components: {

IonItem, IonItemOption, IonItemOptions, IonItemSliding, IonList, IonLabel

}

});

</script>

Listing 5.7

List (*src/views/HomeList.vue*)

<template>

<ion-item>

<ion-label class="ion-text-end">Pesan</ion-label>

<ion-badge slot="end">20</ion-badge>

</ion-item>

</template>

<script>

import { IonBadge, IonItem, IonLabel } from '@ionic/vue'; import { defineComponent } from 'vue';

export default defineComponent({ components: { IonBadge, IonItem, IonLabel }

});

</script>

Listing 5.8

*Badge* (*src/views/HomeBadge.vue*)

<template>

<ion-card>

<ion-card-header>

<ion-card-subtitle>MaskaApp:</ion-card-subtitle>

<ion-card-title>Tentang Maska</ion-card-title>

</ion-card-header>

<ion-card-content>

MaskaApp adalah aplikasi untuk para penggemar kucing di Indonesia.<br /> Dengan menggunakan aplikasi ini, proses adopsi kucing akan menjadi<br /> lebih mudah dan dengan proses yang terpercaya.

</ion-card-content>

</ion-card>

<ion-card>

<ion-item>

<ion-icon :icon="people" slot="start"></ion-icon>

<ion-label>&copy; Dr. Bambang Purnomosidi D. P.</ion-label>

<ion-button fill="outline" slot="end">Kontributor</ion-button>

</ion-item>

<ion-card-content>

Software ini dibuat dengan Ionic - Vue dan &hearts;

</ion-card-content>

</ion-card>

</template>

<script> import { IonCard,

IonCardContent, IonCardSubtitle, IonCardTitle, IonIcon, IonItem, IonLabel

} from '@ionic/vue';

import { people } from 'ionicons/icons'; import { defineComponent } from 'vue';

export default defineComponent({ components: {

IonCard, IonCardContent, IonCardSubtitle, IonCardTitle, IonIcon, IonItem, IonLabel

},

setup() { return { people

};

}

});

</script>

Listing 5.9

*Card* (*src/views/HomeCard.vue*)

<template>

<ion-item>

<ion-label position="stacked">Stacked Label</ion-label>

<ion-input v-model="hasilInput"></ion-input>

</ion-item>

<ion-item>Teks: {{ hasilInput }}</ion-item>

</template>

<script>

import { IonLabel, IonInput, IonItem } from '@ionic/vue'; import { defineComponent } from 'vue';

export default defineComponent({ components: { IonLabel, IonInput, IonItem }, data() {

return { hasilInput: ''

}

}

});

</script>

Listing 5.10

*Card* (*src/views/HomeInput.vue*)

<template>

<ion-list>

<ion-item v-for="entry in form" :key="entry.id">

<ion-label>{{entry.val}}</ion-label>

<ion-checkbox slot="start" @click="klikCB"

@update:modelValue="entry.isChecked = $event"

:modelValue="entry.isChecked">

</ion-checkbox>

</ion-item>

</ion-list>

<p>

<ion-button @click="prosesCB">Proses!</ion-button>

</p>

// <1>

// <2>

// <3>

// <4>

<ion-list>

<ion-item v-for="hasil in pilihCB" :key="hasil.id">

// <5>

<ion-label>{{ hasil.id }} - {{hasil.val}} - {{ hasil.isChecked }}</ion-label>

</ion-item>

</ion-list>

</template>

<script>

import { IonCheckbox, IonItem, IonLabel, IonList, IonButton } from '@ionic/vue'; import { defineComponent } from 'vue';

export default defineComponent({

components: { IonCheckbox, IonItem, IonLabel, IonList, IonButton }, data() {

return { pilihCB: []

}

},

methods: { prosesCB() {

this.pilihCB = this.form

},

klikCB() {

// <8>

this.pilihCB = this.form.val

}

},

setup() {

const form = [

{ id: 1, val: 'Pilihan 01', isChecked: true },

{ id: 2, val: 'Pilihan 02', isChecked: false },

{ id: 3, val: 'Pilihan 03', isChecked: false }

];

return { form };

}

});

</script>

// <6>

// <7>

// <9>

Listing 5.11

*CheckBox* (*src/views/HomeCheckBox.vue*)

<template>

<ion-list>

<ion-radio-group value="pilihan2">

<ion-list-header>

<ion-label>Pilihan yang tersedia</ion-label>

</ion-list-header>

<ion-item>

<ion-label>Pilihan 1</ion-label>

<ion-radio slot="start" value="pilihan1"></ion-radio>

</ion-item>

<ion-item>

<ion-label>Pilihan 2</ion-label>

<ion-radio slot="start" value="pilihan2"></ion-radio>

</ion-item>

<ion-item>

<ion-label>Pilihan 3</ion-label>

<ion-radio slot="start" value="pilihan3"></ion-radio>

</ion-item>

</ion-radio-group>

</ion-list>

</template>

<script> import { IonItem, IonLabel, IonList,

IonListHeader, IonRadio, IonRadioGroup

} from '@ionic/vue';

import { defineComponent } from 'vue';

export default defineComponent({ components: {

IonItem, IonLabel, IonList, IonListHeader, IonRadio, IonRadioGroup

}

});

</script>

Listing 5.12

*Radio* (*src/views/HomeRadio.vue*)

<template>

<ion-list>

<ion-item>

<ion-label> Toggle 1

</ion-label>

<ion-toggle checked color="secondary"></ion-toggle>

</ion-item>

</ion-list>

</template>

<script>

import { IonList, IonItem, IonLabel, IonToggle } from '@ionic/vue'; import { defineComponent } from 'vue';

export default defineComponent({

components: { IonList, IonItem, IonLabel, IonToggle }

});

</script>

Listing 5.13

*Toggle* (*src/views/HomeToggle.vue*)

<template>

<ion-list>

<ion-item>

<ion-range ref="nilaiRange" min="-200" max="200" color="medium">

<ion-label slot="start">-200</ion-label>

<ion-label slot="end">200</ion-label>

</ion-range>

</ion-item>

</ion-list>

</template>

<script>

import { IonItem, IonLabel, IonList, IonRange } from '@ionic/vue'; import { defineComponent } from 'vue';

export default defineComponent({

components: { IonItem, IonLabel, IonList, IonRange }

});

</script>

Listing 5.14

*Toggle* (*src/views/HomeRange.vue*)

<template>

<ion-list>

<ion-list-header>

<ion-label> Pilihan:

</ion-label>

</ion-list-header>

<ion-item>

<ion-label>Jenis Kelamin</ion-label>

<ion-select placeholder="Pilih jenis kelamin">

<ion-select-option value="l">Laki-laki</ion-select-option>

<ion-select-option value="p">Perempuan</ion-select-option>

</ion-select>

</ion-item>

<ion-item>

<ion-label>Pendidikan:</ion-label>

<ion-select value="Diploma 3" ok-text="Ok" cancel-text="Batal">

<ion-select-option value="Diploma 3">Diploma 3</ion-select-option>

<ion-select-option value="Sarjana">Sarjana</ion-select-option>

<ion-select-option value="Magister">Magister</ion-select-option>

<ion-select-option value="Doktor">Doktor</ion-select-option>

</ion-select>

</ion-item>

<ion-item>

<ion-label>Keahlian</ion-label>

<ion-select multiple="true" cancel-text="Batal" ok-text="Ok">

<ion-select-option value="ionic">Ionic</ion-select-option>

<ion-select-option value="js">JavaScript</ion-select-option>

<ion-select-option value="ts">TypeScript</ion-select-option>

<ion-select-option value="zig">Zig</ion-select-option>

<ion-select-option value="rust">Rust</ion-select-option>

<ion-select-option value="go">Go</ion-select-option>

</ion-select>

</ion-item>

</ion-list>

</template>

<script> import { IonItem, IonLabel, IonList,

IonListHeader, IonSelect, IonSelectOption

} from '@ionic/vue';

import { defineComponent } from 'vue';

export default defineComponent({ components: {

IonItem, IonLabel, IonList,

IonListHeader, IonSelect, IonSelectOption

}

});

</script>

Listing 5.15

*Toggle* (*src/views/HomeSelect.vue*)

Listing 5.16

<template>

<ion-searchbar show-cancel-button="always" value="Cari 1..."></ion-searchbar>

<ion-searchbar show-cancel-button="never" value="Cari 2 ..."></ion-searchbar>

<ion-toolbar>

<ion-searchbar value="Cari keseluruhan ..."></ion-searchbar>

</ion-toolbar>

</template>

<script>

import { IonSearchbar, IonToolbar } from '@ionic/vue'; import { defineComponent } from 'vue';

export default defineComponent({ components: { IonSearchbar, IonToolbar }

});

</script>

*SearchBar* (*src/views/HomeSearchBar.vue*)

<template>

<ion-item>

<ion-label>Pilih tanggal:</ion-label>

<ion-datetime :picker-options="customPickerOptions" placeholder="Pilih tanggal" display-format="DD-MM-YYYY" min="1981" max="2002"></ion-datetime>

</ion-item>

</template>

<script>

import { IonDatetime, IonItem, IonLabel } from '@ionic/vue'; import { defineComponent } from 'vue';

export default defineComponent({

components: { IonDatetime, IonItem, IonLabel }, setup() {

const customPickerOptions = { buttons: [{

text: 'Save',

handler: (pilihan) => { console.log('Pilihan anda:', pilihan)

}

}, {

text: 'Batal',

handler: () => {

console.log('Anda memilih batal.'); return true;

}

}]

}

return { customPickerOptions

}

}

});

</script>

Listing 5.17

*DateTime* (*src/views/HomeDateTime.vue*)

<template>

<div class="rectangle"></div>

<p>

Geser untuk menampilkan hasil tracking!

</p>

</template>

<script>

import { createGesture } from '@ionic/vue'; import { defineComponent } from 'vue';

const p = document.querySelector("p")

const rectangleRef = document.querySelector("rectangle")

const onMove = (detail) => { const type = detail.type;

const currentX = detail.currentX; const deltaX = detail.deltaX; const velocityX = detail.velocityX;

p.innerHTML = `

<div>Type: ${type}</div>

<div>Current X: ${currentX}</div>

<div>Delta X: ${deltaX}</div>

<div>Velocity X: ${velocityX}</div>

`

}

const gesture = createGesture({ el: rectangleRef,

onMove: (detail) => { onMove(detail); }

})

gesture.enable(true);

export default defineComponent({ name: 'Home',

components: gesture

});

</script>

<style scoped>

.rectangle { width: 500px; height: 100px;

background: rgba(0, 0, 255, 0.5);

}

</style>

Listing 5.18

*Gesture* (*src/views/HomeGesture.vue*)

<template>

<ion-toolbar>

<ion-buttons slot="start">

<ion-menu-button auto-hide="false"></ion-menu-button>

</ion-buttons>

<ion-buttons slot="secondary">

<ion-button>

<ion-icon slot="icon-only" :icon="star"></ion-icon>

</ion-button>

</ion-buttons>

<ion-title>Left side menu toggle</ion-title>

</ion-toolbar>

</template>

<script> import { IonButton, IonButtons, IonIcon, IonTitle, IonToolbar

} from '@ionic/vue'; import {

star

} from 'ionicons/icons';

import { defineComponent } from 'vue';

export default defineComponent({ components: {

IonButton, IonButtons, IonIcon, IonTitle, IonToolbar

},

setup() { return { star

}

}

});

</script>

Listing 5.19

*Toolbar* (*src/views/HomeToolBar.vue*)



<template>

<ion-button @click="prosesSatu">Proses 1!</ion-button>

<br />

<ion-button @click="prosesDua">Proses 2!</ion-button>

</template>

<script>

import { IonButton, loadingController } from '@ionic/vue'; import { defineComponent } from 'vue';

export default defineComponent({ props: {

timeout: { type: Number, default: 5000 },

},

methods: {

async prosesSatu() {

const loading = await loadingController

.create({

//cssClass: 'maska-color-shade', message: 'Mohon ditunggu ...', duration: this.timeout,

});

await loading.present();

setTimeout(function() { loading.dismiss()

}, this.timeout);

},

async prosesDua() {

const loading = await loadingController

.create({ spinner: null,

duration: this.timeout, message: 'Tunggu sebentar ...', translucent: true,

//cssClass: 'maska-color-shade', backdropDismiss: true

});

await loading.present();

setTimeout(function() { loading.dismiss()

}, this.timeout);

},

},

components: { IonButton }

});

</script>

Listing 5.20

*Loading* (*src/views/HomeLoading.vue*)

<template>

<div id="container">

<ion-button @click="tampilkanAlert">Tampilkan Alert</ion-button>

<ion-button @click="tampilkanKonfirmasi">Tampilkan Konfirmasi</ion-button>

<ion-button @click="tampilkanInput">Tampilkan Input</ion-button>

<p>

Pilihan anda = {{ hasilAlert }}

</p>

</div>

|  |
| --- |
| </template>  <script>  import { IonButton, alertController } from '@ionic/vue'; import { defineComponent } from 'vue';  export default defineComponent({ components: { IonButton }, data() {  return { hasilAlert: '',  }  },  methods: {  async tampilkanAlert() {  const alert = await alertController  .create({  header: 'MaskaApp:', subHeader: 'Pemberitahuan',  message: 'Proses sudah selesai.', buttons: [{  text: 'Ok',  handler: () => { this.hasilAlert = "Ok dipilih"  }  }]  });  return alert.present();  },  async tampilkanKonfirmasi() { const alert = await alertController  .create({  header: 'MaskaApp:', subheader: "Peringatan:", message: 'Pilih salah satu!', buttons: [  {  text: 'Batal', role: 'cancel', handler: () => {  this.hasilAlert = 'Konfirmasi batal'  },  },  {  text: 'Ok',  handler: () => { this.hasilAlert = 'Ok dipilih'  }, |
| },  ], |

|  |
| --- |
| });  return alert.present();  },  async tampilkanInput() {  const alert = await alertController  .create({  header: 'MaskaApp:',  subheader: 'Masukkan password: ', inputs: [  {  name: 'passwd', type: 'password',  placeholder: 'password...', attributes: {  maxlength: 8  }  }  ],  buttons: [  {  text: 'Batal', role: 'cancel', handler: () => {  this.hasilAlert = 'Batal'  },  },  {  text: 'Ok',  handler: (alertData) => { this.hasilAlert = alertData.passwd  },  },  ],  });  return alert.present();  },  },  });  </script>  <style scoped> #container {  text-align: center;  position: absolute; left: 0;  right: 0;  top: 50%;  transform: translateY(-50%); |
| }  </style> |

Listing 5.21

*Alert* (*src/views/HomeAlert.vue*)

Hasil dari kode sumber tersebut adalah sebagai berikut:

<template>

<div id="container">

<ion-button @click="tampilkanAS">Klik saya</ion-button>

<p>Pilihan anda: {{ hasilAS }}</p>

</div>

</template>

<script>

import { IonButton, actionSheetController } from '@ionic/vue'; import { defineComponent } from 'vue';

import { close, trash, share } from 'ionicons/icons';

export default defineComponent({ components: { IonButton }, data() {

return { hasilAS: ''

}

},

methods: {

async tampilkanAS() {

const actionSheet = await actionSheetController

.create({

header: 'Silahkan memilih', cssClass: 'maska-color-shade', buttons: [

{

text: 'Delete', role: 'destructive', icon: trash,

handler: () => { this.hasilAS = 'Delete'

},

},

{

text: 'Share', icon: share, handler: () => {

this.hasilAS = 'Share'

},

},

{

text: 'Cancel', icon: close, role: 'cancel', handler: () => {

this.hasilAS = 'Cancel'

},

},

],

});

return actionSheet.present();

},

},

});

</script>

<style scoped> #container {

text-align: center;

position: absolute; left: 0;

right: 0;

top: 50%;

transform: translateY(-50%);

}

</style>

Listing 5.22

*Action Sheet* (*src/views/HomeActionSheet.vue*)

<template>

<ion-page>

<ion-content class="ion-padding">

<ion-button @click="toastStandar">Buka Toast Standar</ion-button>

<ion-button @click="toastOpsi">Buka Toast - Opsi</ion-button>

</ion-content>

</ion-page>

</template>

<script>

import { IonButton, IonContent, IonPage, toastController } from '@ionic/vue';

export default {

components: { IonButton, IonContent, IonPage }, methods: {

async toastStandar() {

const toast = await toastController

.create({

message: 'Tampilan pemberitahuan toast standar...', duration: 2000

})

return toast.present();

},

async toastOpsi() {

const toast = await toastController

.create({

header: 'MaskaApp:', message: 'Pilihan:', position: 'bottom', buttons: [

{

side: 'start',

icon: 'star', text: 'Pilihan 1', handler: () => {

console.log('Memilih pilihan 1');

}

}, {

text: 'Pilihan 2', role: 'cancel', handler: () => {

console.log('Memilih pilihan 2');

}

}

]

})

return toast.present();

},

},

}

</script>

Listing 5.23

*Toast* (*src/views/HomeActionToast.vue*)

<template>

<ion-slides pager="true" :options="slideOpts">

<ion-slide>

<h1>Slide pertama</h1>

</ion-slide>

<ion-slide>

<h1>Slide kedua</h1>

</ion-slide>

<ion-slide>

<h1>Slide ketiga</h1>

</ion-slide>

</ion-slides>

</template>

<script>

import { IonSlides, IonSlide } from '@ionic/vue'; import { defineComponent } from 'vue';

export default defineComponent({ components: { IonSlides, IonSlide }, setup() {

// Komponen diambil dari <http://idangero.us/swiper/api/>

// API dan opsi bisa diakses dari URL tersebut. const slideOpts = {

initialSlide: 1,

speed: 400

};

return { slideOpts }

}

});

</script>

Listing 5.24

*Slide* (*src/views/HomeSlide.vue*)

<template>

<!-- Default Segment -->

<ion-segment @ionChange="segmentChanged($event)">

<ion-segment-button value="button1">

<ion-label>Button 1</ion-label>

</ion-segment-button>

<ion-segment-button value="button2">

<ion-label>Button 2</ion-label>

</ion-segment-button>

</ion-segment>

<!-- Scrollable Segment -->

<ion-segment scrollable value="heart">

<ion-segment-button value="home">

<ion-icon :icon="home"></ion-icon>

</ion-segment-button>

<ion-segment-button value="heart">

<ion-icon :icon="heart"></ion-icon>

</ion-segment-button>

<ion-segment-button value="pin">

<ion-icon :icon="pin"></ion-icon>

</ion-segment-button>

<ion-segment-button value="star">

<ion-icon :icon="star"></ion-icon>

</ion-segment-button>

<ion-segment-button value="call">

<ion-icon :icon="call"></ion-icon>

</ion-segment-button>

<ion-segment-button value="globe">

<ion-icon :icon="globe"></ion-icon>

</ion-segment-button>

<ion-segment-button value="basket">

<ion-icon :icon="basket"></ion-icon>

</ion-segment-button>

</ion-segment>

<!-- Segment with secondary color -->

<ion-segment @ionChange="segmentChanged($event)" color="secondary">

<ion-segment-button value="standard">

<ion-label>Standard</ion-label>

</ion-segment-button>

<ion-segment-button value="hybrid">

<ion-label>Hybrid</ion-label>

</ion-segment-button>

<ion-segment-button value="sat">

<ion-label>Satellite</ion-label>

</ion-segment-button>

</ion-segment>

<!-- Segment dalam toolbar -->

<ion-toolbar>

<ion-segment @ionChange="segmentChanged($event)">

<ion-segment-button value="camera">

<ion-icon :icon="camera"></ion-icon>

</ion-segment-button>

<ion-segment-button value="bookmark">

<ion-icon :icon="bookmark"></ion-icon>

</ion-segment-button>

</ion-segment>

</ion-toolbar>

<!-- Segment dengan pilihan default -->

<ion-segment @ionChange="segmentChanged($event)" value="javascript">

<ion-segment-button value="python">

<ion-label>Python</ion-label>

</ion-segment-button>

<ion-segment-button value="javascript">

<ion-label>Javascript</ion-label>

</ion-segment-button>

</ion-segment>

</template>

<script lang="ts">

import { IonSegment, IonSegmentButton, IonToolbar, IonIcon } from '@ionic/vue';

import { defineComponent } from 'vue';

import { home, heart, pin, star, call, globe, basket, camera, bookmark } from 'ionicons/icons';

export default defineComponent({

components: { IonSegment, IonSegmentButton, IonToolbar, IonIcon }, methods: {

segmentChanged(ev: CustomEvent) { console.log('Segment changed', ev);

}

},

setup() { return { home, heart, pin, star, call, globe,

basket, camera, bookmark,

}

}

});

</script>

Listing 5.25

*Segment* (*src/views/HomeSegment.vue*)

variables.css

.maska-dialog-modal .modal-wrapper { height: 40%;

top: 60%; position: absolute; display: block;

}

<template>

<ion-header>

<ion-toolbar>

<ion-title>{{ title }}</ion-title>

</ion-toolbar>

</ion-header>

<ion-content class="ion-padding">

{{ content }}

</ion-content>

</template>

<script>

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

export default defineComponent({ name: 'ModalHome',

props: {

title: { type: String, default: 'MaskaApp - Pemberitahuan' },

},

data() { return {

content: 'Isi dari dialog',

}

},

components: { IonContent, IonHeader, IonTitle, IonToolbar }

});

</script>

Listing 5.26

Modal (src/views/HomeModal.vue)

<template>

<ion-page>

<ion-content class="ion-padding">

<ion-button @click="bukaDialogModal">Buka Dialog Modal</ion-button>

</ion-content>

</ion-page>

</template>

<script>

import { IonButton, IonContent, IonPage, modalController } from '@ionic/vue'; import Modal from './HomeModal.vue'

export default {

components: { IonButton, IonContent, IonPage }, methods: {

async bukaDialogModal() {

const modal = await modalController

.create({ component: Modal,

cssClass: 'maska-dialog-modal', componentProps: {

title: 'MaskaApp:'

},

})

return modal.present();

},

},

}

</script>

<template>

<ion-content class="ion-padding"> Isi dari popover

</ion-content>

</template>

<script>

import { IonContent } from '@ionic/vue'; import { defineComponent } from 'vue';

export default defineComponent({ name: 'HomePopover', components: { IonContent }

});

</script>

Listing 5.27

*Popover (src/views/HomePopover.vue)*

PemanggilPopover.vue

<template>

<ion-page>

<ion-content class="ion-padding">

<ion-button @click="openPopover">Proses!</ion-button>

</ion-content>

</ion-page>

</template>

<script>

import { IonButton, IonContent, IonPage, popoverController } from '@ionic/vue'; import Popover from './HomePopover.vue';

export default {

components: { IonButton, IonContent, IonPage }, methods: {

async openPopover(theEvent) {

const popover = await popoverController

.create({

component: Popover,

//cssClass: 'isikan-jika-perlu', event: theEvent,

translucent: true

})

return popover.present();

},

},

}

</script>