

Beginner Golang

ACTIVITY 7

(Client Side Routing Pada Polymer)

Format save : **Pert7_Act1_nama_npm.docx**

Soal !

Setelah melihat video, kerjakan activity berikut ini. Jangan lupa untuk mendokumentasikan setiap langkah-langkah/output pada Ms. Word.

Buatlah **3 halaman** dengan nama login-page, message-page, about-page. Detailnya sebagai berikut:

- Halaman **login-page** berisikan 2 buah textbox dan 1 button. 1 textbox digunakan untuk menerima username, 1 textbox digunakan untuk menerima password, 1 button digunakan untuk melakukan validasi dari username dan password yang dimasukkan. **(50 poin)**
- Halaman **message-page** berisikan pesan rahasia apabila username dan password yang dimasukkan pada halaman login-page adalah admin. **(25 poin)**
- Halaman **about-page** berisikan nama lengkap dan kelas anda. ! **(25 poin)**

Halaman login

Menu

Login

Messages

About

Applikasi

2

Login

Username

password

Submit

meet.google.com • sekarang ^

Anda melakukan presentasi kepada semua ...
Klik di sini untuk kembali ke panggilan video
jika Anda siap untuk berhenti menampilkan windows.

Kodingan

```
<!--  
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-->

```
<link rel="import" href="../../bower_components/polymer/polymer-element.html">
<link rel="import" href="shared-styles.html">
```

```
<dom-module id="login-page">
  <template>
    <style include="shared-styles">
      :host {
        display: block;

        padding: 10px;
      }
      input[type=text], [type=email], [type=password], select, textarea {
        width: 80%;
        padding: 12px 20px;
        margin: 8px 0;
        display: inline-block;
        border: 1px solid #acc;
        border-radius: 4px;
        box-sizing: border-box;
      }
      input[type=submit]{
        width: 20%;
        background-color: #44ccaa;
        color: white;
        padding: 14px 20px;
        margin: 8px 0;
        border: none;
        border-radius: 4px;
        cursor: pointer;
      }
    </style>

    <div class="card">
      <div class="circle">2</div>
      <h1>Login</h1>
      <form action="#" method="#">
        <label for="#">Username</label>
        <input type="text" name="username" value="{{username}}" on-
input="handleChange" placeholder="Username" required/>
        <br/>
        <label for="#">password &nbsp;</label>
        <input type="password" name="password" value="{{password}}" on-
input="handleChange" placeholder="*****" required/>
```

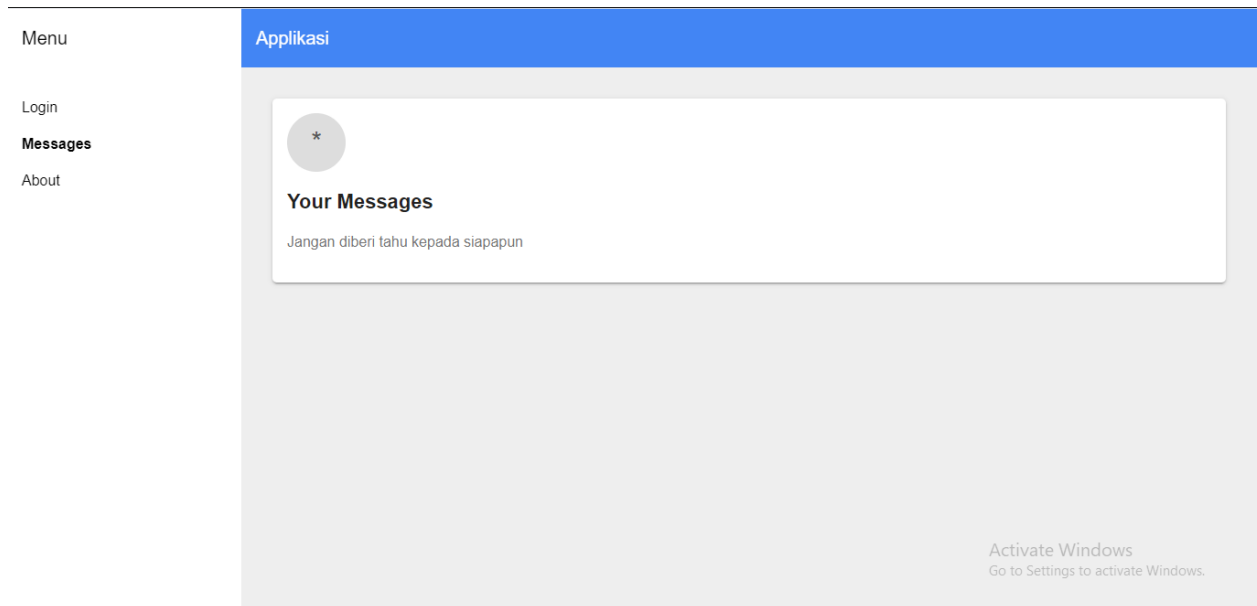
```

        <br/>
        <br/>
        <input type="submit" on-click="handleSubmit" value="Submit" />
    </form>
</div>
</template>

<script>
    class Login extends Polymer.Element {
        static get is() { return 'login-page'; }
        static get properties() {
            return {
                username: String,
                password: String,
                isAdmin: {
                    type: Boolean,
                    notify: true
                }
            }
        }
        handleChange(e) {
            this[e.target.name] = e.target.value
        }
        handleSubmit(e) {
            if(this.username === "admin" && this.password === "admin" ){
                this.isAdmin = true
                window.history.pushState({}, null, '/messages-page')
                window.dispatchEvent(new CustomEvent("location-changed"))
                return
            }
            this.isAdmin = false;
            alert("mohon login terlebih dahulu sebagai admin")
        }
    }
    window.customElements.define(Login.is, Login);
</script>
</dom-module>

```

Halaman Messages page



Kodingan

```
<!--
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ENTS.txt
-->

<link rel="import" href="../../bower_components/polymer/polymer-element.html">
<link rel="import" href="../../bower_components/polymer/lib/elements/dom-
if.html">
<link rel="import" href="shared-styles.html">

<dom-module id="messages-page">
  <template>
    <style include="shared-styles">
      :host {
        display: block;

        padding: 10px;
      }
    </style>
    <template is="dom-if" if="{{isAdmin}}">
      <div class="card">
        <div class="circle">*</div>
        <h1>Your Messages</h1>
      </div>
    </template>
  </template>
</dom-module>
```

```

    <p>Jangan diberi tahu kepada siapapun</p>

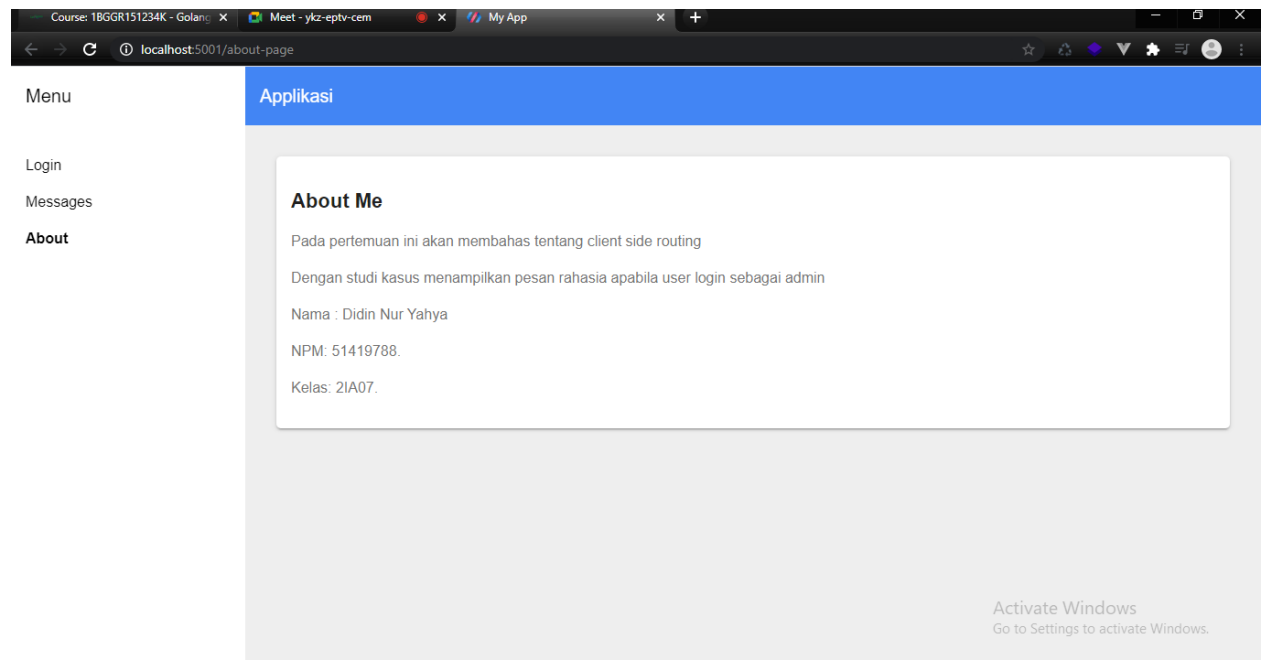
  </div>
</template>
</template>

<script>
  class MessagesPage extends Polymer.Element {
    static get is() { return 'messages-page'; }
  }

  window.customElements.define(MessagesPage.is, MessagesPage);
</script>
</dom-module>

```

Halaman about



```

<!--
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ENTS.txt
-->

```

```
<link rel="import" href="../bower_components/polymer/polymer-element.html">
<link rel="import" href="shared-styles.html">

<dom-module id="about-page">
  <template>
    <style include="shared-styles">
      :host {
        display: block;

        padding: 10px;
      }
    </style>

    <div class="card">
      <h1>About Me</h1>
      <p>Pada pertemuan ini akan membahas tentang client side routing</p>
      <p>Dengan studi kasus menampilkan pesan rahasia apabila user login sebagai admin</p>
      <p>Nama : Didin Nur Yahya</p>
      <p>NPM: 51419788.</p>
      <p>Kelas: 2IA07.</p>
    </div>
  </template>

  <script>
    class AboutPage extends Polymer.Element {
      static get is() { return 'about-page'; }
    }

    window.customElements.define(AboutPage.is, AboutPage);
  </script>
</dom-module>
```