**LWC**

**1.Deploy Lightning Web Component Files**

**Q.**

* **Create an SFDX project in Visual Studio Code:**
  + **Template: Standard**
  + **Project name: bikeCard**
* **Add a Lightning Web Component to the project:**
  + **Folder: lwc**
  + **Component name: bikeCard**
* **Copy the content for the component files from this unit into your files in Visual Studio Code:**
  + **bikeCard.html**
  + **bikeCard.js**
  + **bikeCard.js-meta.xml**
* **Deploy the bikeCard component files to your org**
* **Create a Lightning app page:**
  + **Label: Bike Card**
  + **Developer Name: Bike\_Card**
  + **Add your bikeCard component to the page**
  + **Activate the page for all users**

**Output:**

**HTML Files**

<template>

<div>

<div>Name: {name}</div>

<div>Description: {description}</div>

<lightning-badge label={material}></lightning-badge>

<lightning-badge label={category}></lightning-badge>

<div>Price: {price}</div>

<div><img src={pictureUrl}/></div>

</div>

</template>

**JavaScript File**

import { LightningElement } from 'lwc';

export default class BikeCard extends LightningElement {

name = 'Electra X4';

description = 'A sweet bike built for comfort.';

category = 'Mountain';

material = 'Steel';

price = '$2,700';

pictureUrl = 'https://s3-us-west-1.amazonaws.com/sfdc-demo/ebikes/electrax4.jpg';

}

**Meta.XML**

<?xml version="1.0" encoding="UTF-8"?>

<LightningComponentBundle xmlns="http://soap.sforce.com/2006/04/metadata">

<!-- The apiVersion may need to be increased for the current release -->

<apiVersion>52.0</apiVersion>

<isExposed>true</isExposed>

<masterLabel>Product Card</masterLabel>

<targets>

<target>lightning\_\_AppPage</target>

<target>lightning\_\_RecordPage</target>

<target>lightning\_\_HomePage</target>

</targets>

</LightningComponentBundle>

**2.Add Styles and Data to a Lightning Web Component**

**Q.**

* **Create a Lightning app page:**
  + **Label: Your Bike Selection**
  + **Developer Name: Your\_Bike\_Selection**
* **Add the current user's name to the app container:**
  + **Edit selector.js**
  + **Edit selector.html**

**Output:**

**HTML**

<template>

<div class="wrapper">

<header class="header">Available Bikes</header>

<section class="content">

<div class="columns">

<main class="main" >

<b>{name}</b>

<!-- <c-list onproductselected={handleProductSelected}></c-list>-->

</main>

<aside class="sidebar-second">

<!-- <c-detail product-id={selectedProductId}></c-detail>-->

</aside>

</div>

</section>

</div>

</template>

**JavaScript**

import { LightningElement, wire, track } from 'lwc';

import {

getRecord

} from 'lightning/uiRecordApi';

import Id from '@salesforce/user/Id';

import NAME\_FIELD from '@salesforce/schema/User.Name';

import EMAIL\_FIELD from '@salesforce/schema/User.Email';

export default class Selector extends LightningElement {

@track selectedProductId;

@track error;

@track email;

@track name;

@wire(getRecord, {

recordId: Id,

fields: [NAME\_FIELD, EMAIL\_FIELD]

}) wireuser({

error,

data

}) {

if (error) {

this.error = error;

} else if (data) {

this.email = data.fields.Email.value;

this.name = data.fields.Name.value;

}

}

handleProductSelected(evt) {

this.selectedProductId = evt.detail;

}

userId = Id;

}

**Meta.XML**

<?xml version="1.0" encoding="UTF-8"?>

<LightningComponentBundle xmlns="http://soap.sforce.com/2006/04/metadata">

<!-- The apiVersion may need to be increased for the current release -->

<apiVersion>48.0</apiVersion>

<isExposed>true</isExposed>

<targets>

<target>lightning\_\_AppPage</target>

<target>lightning\_\_RecordPage</target>

<target>lightning\_\_HomePage</target>

</targets>

</LightningComponentBundle>