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| <div class="container-fluid insuranceContainer">  <!-- Here you need to design the new insurance and renew insurance containers using html, bootstrap and custom css classes. -->  <div class="row" style="padding-top: 50px">  <div class="col-sm-9" id="insuranceFormContainer">  <div style="background-color: #F0F0F0;margin:25px;padding: 25px;">  <div class="row">  <div class="col-100" style="margin: auto;text-align: center;margin:5px;">  <input id="rdoGetNew" name="rdoGetNew" type="radio"> Get New Insurance  </div>  </div>  <div class="row" id="divDropdownFields" style="display: none;">  <div class="col-sm-4 field">  <select name="ddCarType" id="ddCarType" style="width: 60%;margin-top:10px;">  </select>  </div>  <div class="col-sm-4 field">  <select name="ddFuelType" id="ddFuelType" style="width: 60%;margin-top:10px;">  </select>  </div>  <div class="col-sm-4 field">  <select name="ddRegistrationState" id="ddRegistrationState" style="width: 60%;margin-top:10px;">  </select>  </div>  </div>  <div class="row" id="divEntryFields" style="display: none;">  <div class="col-sm-4 field">  <input type="text" id="txtUserName" name="txtUserName" min="2" max="50" style="width: 60%;margin-top:10px;" placeholder="Enter your name">  </div>  <div class="col-sm-4 field">  <input type="text" id="txtPhoneNumber" name="txtPhoneNumber" style="width: 60%;margin-top:10px;" placeholder="Enter your mobile number">  </div>  <div class="col-sm-4 field">  <input type="button" name="btnGetQuotes" id="btnGetQuotes" value="Get Quotes" class="btn btn-primary btn-sm" style="width: 60%;margin-top:10px;">  </div>  </div>  <div class="row" id="divBuyInsurance" style="display: none;">  <div class="col-sm-4 field">  <div id="divAvailable" style="background-color: #F0F0F0; margin: 10%; min-height: 50px; border: 1px solid gray;">  Insurance Plan  <div id="left" style="padding: 10%;min-height: 50px;">  </div>  </div>  </div>  <div class="col-sm-4 field">  <div id="divAvailable" style="background-color: #F0F0F0; margin: 10%;min-height: 50px;border: 1px solid gray;">  To buy, drop your insurance policy here  <div id="right" style="padding: 10%;min-height: 50px;">  </div>  </div>  </div>  <div class="col-sm-4 field" style="vertical-align: center;">  <input type="button" name="btnBuyInsurance" id="btnBuyInsurance" value="Buy Insurance" class="btn btn-primary btn-sm" style="width: 60%;margin-top:40px;">  </div>  </div>  </div>  </div>  <div class="col-sm-3" id="benefitsContainer">  <div style="background-color: #F0F0F0;margin:25px;padding: 25px;">  <div class="row field" style="font-weight: bold;margin-top: 10px;">  Benefits  </div>  <div class="row field" style="margin-top: 30px;">  Easy  </div>  <div class="row field" style="margin-top: 30px;">  Efficient  </div>  <div class="row field" style="margin-top: 30px;">  Quick  </div>  </div>  </div>  </div>  <div id="dialog-message" title="Buy Insurance" style="display: none;">  <div id="SuccessMessage" style="font-weight: bold;color: green;">  You have successfully bought the insurance. Your policy number is  </div>  </div>  </div> | \* {  box-sizing: border-box;  }  .field{  text-align:center;  }  #divDropdownFields{  margin-top: 15px;  }  #divEntryFields{  margin-top: 15px;  }  #divBuyInsurance{  margin-top: 15px;  }  .error {  color: red;  margin-left: 5px;  }  /\* This is the class selector for InsuranceFormContainer that is div for the formconatiner \*/  .insuranceFormContainer {  background: #F0F0F0;  margin-top: 45px;  /\* padding-top:50px; \*/  padding-bottom:50px;  box-shadow: 0px 3px 3px #BBBBBB;  width: 75%;  float: left;  }  /\* This is the class selector for benefitsconatiner that is our second box in HTML \*/  .benefitsContainer {  padding-left: 10px;  background: #F0F0F0;  margin-top: 45px;  padding-top:45px;  box-shadow: 0px 3px 3px #BBBBBB;  text-align: center;  padding-bottom:50px;  width:25%;  float: right;  }  Index.html  <!-- CSS -->  <link rel="stylesheet" href="bower\_components/bootstrap/dist/css/bootstrap.min.css">  <link rel="stylesheet" href="bower\_components/jquery-ui/themes/base/jquery-ui.min.css">  <link rel="stylesheet" href="css/style.css">  <!-- custom styles -->  <!-- JS -->  <script src="bower\_components/jquery/dist/jquery.js"></script>  <script src="bower\_components/jquery-ui/jquery-ui.min.js"></script>  <script src="bower\_components/bootstrap/dist/js/bootstrap.min.js"></script>  <!-- CUSTOM JS-->  <script src="js/main.js"></script>  <script src="js/utilities.js"></script> |
| // Handle all the logics once the document is ready  $(document).ready(function () {  // here you need to handle and implement all the logics for new insurance and renew insurance requirements.  // Try to leverange the power of jQuery to do the DOM manipulation to achieve the requirements.  // id "#insurance" in index.html should load the insurance template on DOM ready  // Load Insurance page  $("#insurance").load('./views/insurance.html', function () {  $("#divDropdownFields").hide();  $("#divEntryFields").hide();  $("#divBuyInsurance").hide();  $("#rdoGetNew").click(function () {  $("#divDropdownFields").show();  $("#divEntryFields").show();  $("#divBuyInsurance").hide();  ClearFields();  // Get Car Type  var carTypesCallback = function (data) {  helpers.PopulateSelect(data, "ddCarType", "car type");  };  helpers.AjaxCall('http://localhost:3000/api/common/getCarModels', "GET", "", carTypesCallback);  // Get Fuel Type  var fuelTypeCallback = function (data) {  helpers.PopulateSelect(data, "ddFuelType", "fuel type");  };  helpers.AjaxCall('http://localhost:3000/api/common/getFuelType', "GET", "", fuelTypeCallback);  // Get Registration State  var regStateCallback = function (data) {  helpers.PopulateSelect(data, "ddRegistrationState", "state");  };  helpers.AjaxCall('http://localhost:3000/api/common/getRegStateCodes', "GET", "", regStateCallback);  });  $("#btnGetQuotes").click(function () {  if (ValidateNewInsuranceFields()) {  $("#divDropdownFields").hide();  $("#divEntryFields").hide();  $("#divBuyInsurance").show();  // Get Quotes  var getQuoteCallback = function (data) {  if (data != undefined) {  var count = $('#right .box-item').length;  $.each(data, function (index, data) {  var content = "<div itemid='itm-'" + (count + 1) + " class='btn btn-default box-item'>" + data.name + " <br> " + "Price - " + data.price + "</div>"  $('#left').append(content);  })  }  $('.box-item').draggable({  cursor: 'move',  helper: "clone"  });  };  $("#btnBuyInsurance").click(function () {  if (localStorage.getItem("selectedPlan") != undefined) {  var carType = $('#ddCarType').val();  var fuelType = $('#ddFuelType').val();  var registrationState = $('#ddRegistrationState').val();  var userName = $('#txtUserName').val();  var phoneNumber = $('#txtPhoneNumber').val();  var selectedPlan = JSON.parse(localStorage.getItem("selectedPlan"));  var addInsuranceData = {  "userName": userName,  "phoneNumber": phoneNumber,  "carType": carType,  "fuelType": fuelType,  "registrationState": registrationState,  "plan": {  "name": selectedPlan.name,  "price": selectedPlan.price  }  };  // Get Quotes  var addInsuranceCallback = function (data) {  if (data != undefined) {  var successMessage = "You have successfully bought the insurance. Your policy number is " + data.policyNumber;  $("#SuccessMessage").empty();  $("#SuccessMessage").append(successMessage);  $("#dialog-message").dialog({  closeOnEscape: false,  modal: true,  open: function(event, ui) {  $(".ui-dialog-titlebar-close", ui.dialog | ui).hide();  },  buttons: {  Ok: function () {  $(this).dialog("close");  $('#left').empty();  $('#right').empty();  $("#divDropdownFields").hide();  $("#divEntryFields").hide();  $("#divBuyInsurance").hide();  $("#rdoGetNew").prop('checked', false);  }  }  });  }  else {  var successMessage = "An error occured. Please try again." + data.policyNumber;  $("#SuccessMessage").empty();  $("#SuccessMessage").append(successMessage);  $("#dialog-message").dialog({  closeOnEscape: false,  modal: true,  open: function(event, ui) {  $(".ui-dialog-titlebar-close", ui.dialog | ui).hide();  },  buttons: {  Ok: function () {  $(this).dialog("close");  $('#left').empty();  $('#right').empty();  $("#divDropdownFields").hide();  $("#divEntryFields").hide();  $("#divBuyInsurance").hide();  $("#rdoGetNew").prop('checked', false);  }  }  });  }  };  helpers.AjaxCall('http://localhost:3000/api/addInsurance', "POST", addInsuranceData, addInsuranceCallback);  }  });  helpers.AjaxCall('http://localhost:3000/api/getQuotes', "GET", "", getQuoteCallback);  }  });  $("#left").droppable({  drop: function (event, ui) {  var item = $(ui.draggable);  $('#left').append(item); | if (localStorage.getItem("selectedPlan") != undefined) {  localStorage.removeItem("selectedPlan");  }  }  });  $("#right").droppable({  drop: function (event, ui) {  var item = $(ui.draggable);  if ($('#right .box-item').length == 0) {  $('#right').append(item);  var itemSplit = item.html().split(" <br> " + "Price - ");  var selectedPlan = { "name": itemSplit[0], "price": itemSplit[1] };  localStorage.setItem("selectedPlan", JSON.stringify(selectedPlan));  }  }  });  });  function ClearFields() {  $(".error").remove();  $('#left').empty();  $('#right').empty();  $('#txtUserName').val('');  $('#txtPhoneNumber').val('');  }  function ValidateNewInsuranceFields() {  var valid = true;  $(".error").remove();  var carType = $('#ddCarType').val();  var fuelType = $('#ddFuelType').val();  var registrationState = $('#ddRegistrationState').val();  var userName = $('#txtUserName').val();  var phoneNumber = $('#txtPhoneNumber').val();  if (carType.length < 1 || carType == "0") {  $('#ddCarType').after('<span class="error"><br>Please select a Car Type</span>');  valid = false;  }  if (fuelType.length < 1 || fuelType == "0") {  $('#ddFuelType').after('<span class="error"><br>Please select a Fuel Type</span>');  valid = false;  }  if (registrationState.length < 1 || registrationState == "0") {  $('#ddRegistrationState').after('<span class="error"><br>Please select a Registration State</span>');  valid = false;  }  if (userName.length < 1) {  $('#txtUserName').after('<span class="error"><br>User Name is required</span>');  valid = false;  }  else if (userName.length < 2 || userName.length > 50) {  $('#txtUserName').after('<span class="error"><br>Please enter a valid user name</span>');  valid = false;  }  if (phoneNumber.length < 1) {  $('#txtPhoneNumber').after('<span class="error"><br>Phone Number is required</span>');  valid = false;  }  else {  intRegex = /[0-9]+$/;  if ((phoneNumber.length != 10) || (!intRegex.test(phoneNumber))) {  $('#txtPhoneNumber').after('<span class="error"><br>Please enter a valid phone number</span>');  valid = false;  }  }  return valid;  }  });  var helpers = {  // This is the place for all the helper functions.  PopulateSelect: function (data, elementId, defaultOptionName) {  if (!data || !data[0]) {  return;  }  $("#" + elementId).empty();  var select = document.getElementById(elementId);  var defaultoption = document.createElement('option');  defaultoption.value = "0";  defaultoption.label = " Select a " + defaultOptionName;  select.appendChild(defaultoption);  for (var i = 0; i < data.length; i++) {  var option = document.createElement('option');  option.value = data[i];  option.label = data[i];  select.appendChild(option);  }  },  AjaxCall: function (url, method, data, callback) {  $.ajax({  method: method,  data: data,  url: url,  success: function (resp, status) {  callback(resp.data);  }  });  }  }; |