

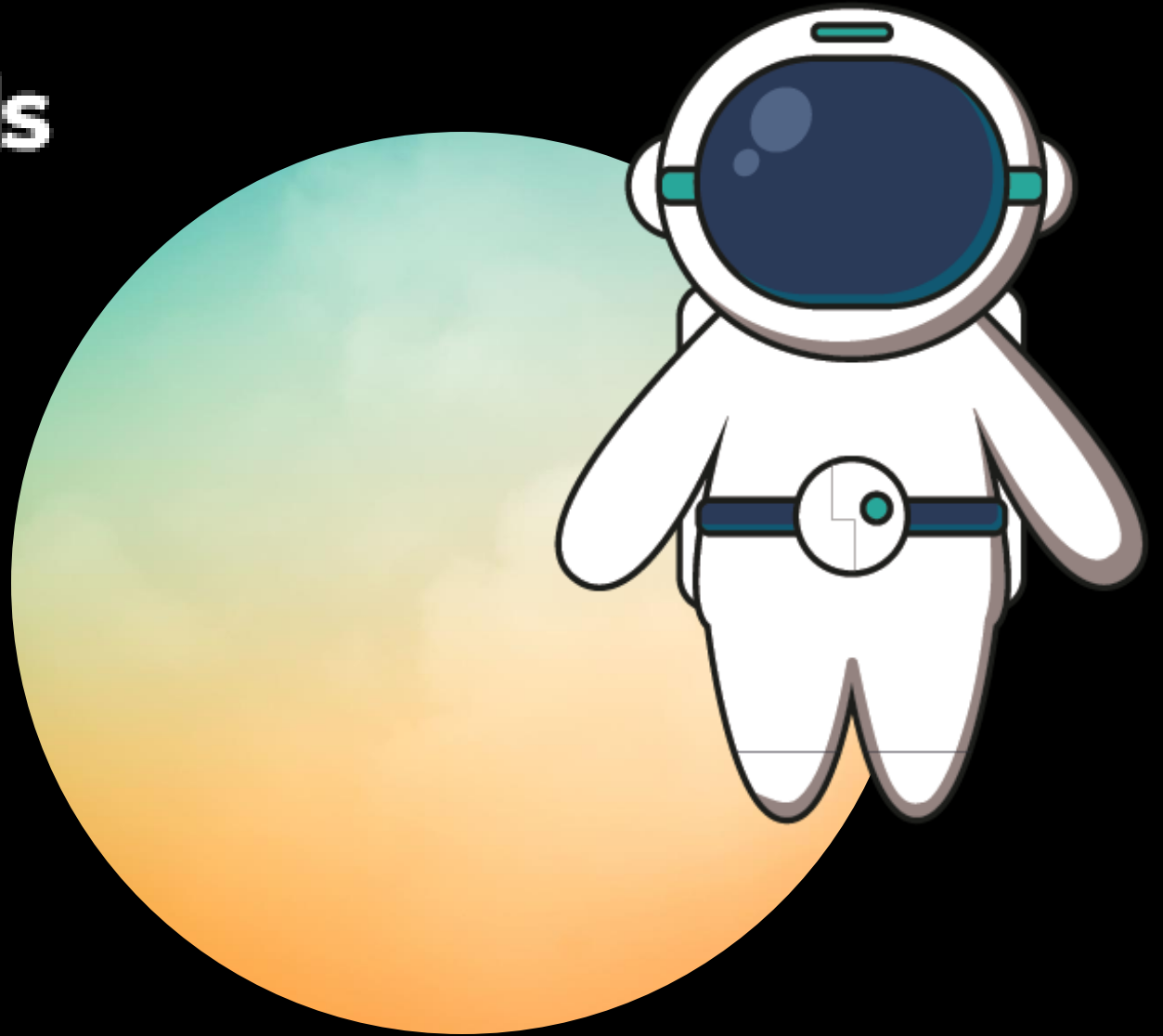
Apollo Travels

Team members:

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WE HAVE A LONG WAY TO GO...

Materialize for design

Ajax

Google charts

Stripe

Metamask

Middleware

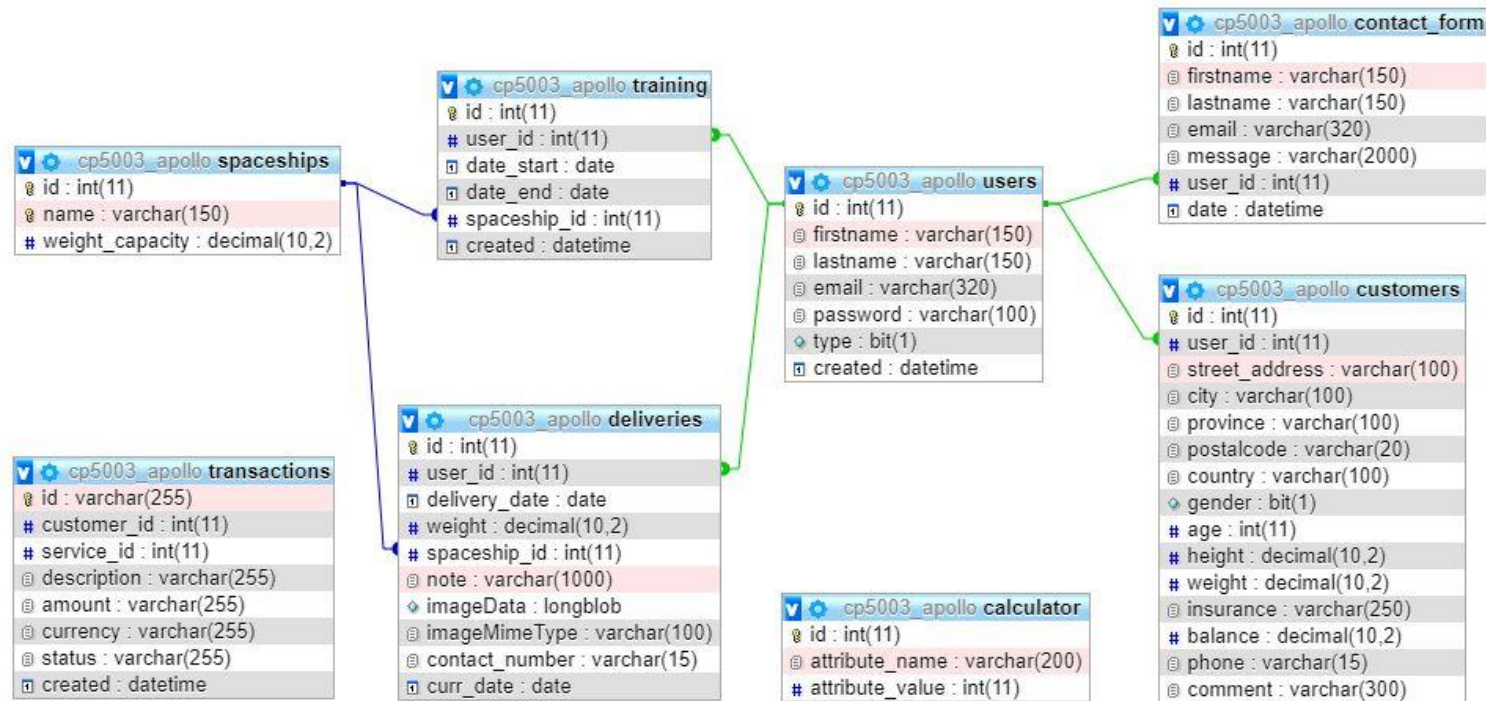
Recaptcha

Password visibility

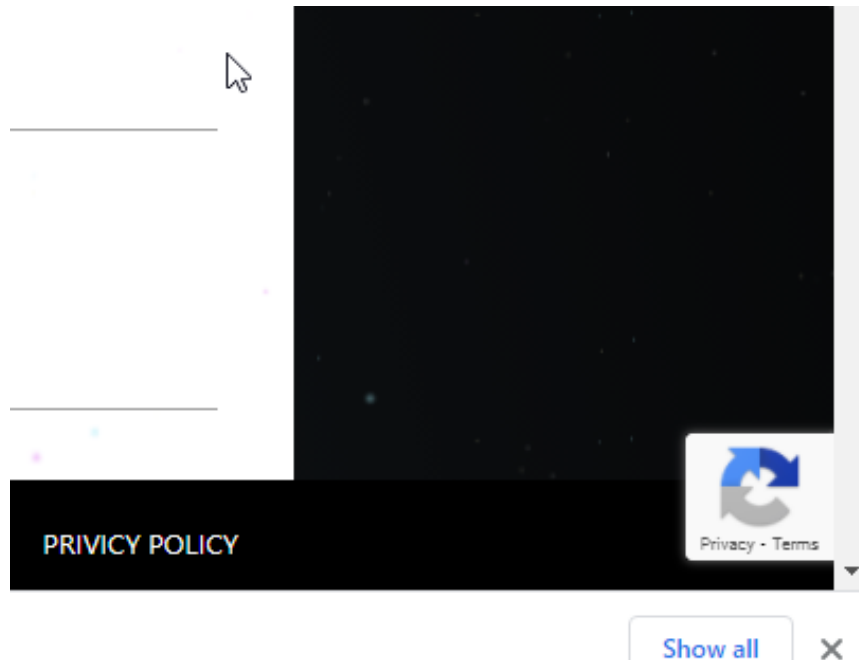
Phone



DATABASE DESIGN



BOT PROTECTION – RECAPTCHA V3



CAPTCHAs and reCAPTCHAs determine if a user is actually a bot. While these tests can help stop malicious bot activity, they are far from foolproof.

HTML AND JS SIDE

Input to get recaptcha response

```
<p class="right-align">  
  <input type="hidden" name="recaptcha_response" value="" id="recaptchaResponse">
```

JS to get the token

```
// recaptcha  
grecaptcha.ready(function () {  
  grecaptcha.execute('6Lew1NsaAAAAAJhqKotyf_0JOyPvBrrCOnoJiaac', { action: 'submit' }).then(function  
  (token) {  
    var recaptchaResponse = document.getElementById('recaptchaResponse');  
    recaptchaResponse.value = token;  
  });  
});
```

PHP SIDE

```
$recaptcha_url = 'https://www.google.com/recaptcha/api/siteverify';
$recaptcha_secret = '6Lew1NsaAAAAAJVqHkMy7L66VS_eAOGpcEXfKTDr';
$recaptcha_response = $_POST['recaptcha_response'];

// // Make and decode POST request:
$recaptcha = file_get_contents($recaptcha_url . '?secret=' . $recaptcha_secret . '&response=' .
$recaptcha_response);
$recaptcha = json_decode($recaptcha, true);

// Take action based on the score returned:
if ($recaptcha->score < 0.5) {
    $response = $response->withStatus(403);
    return $this->view->render($response, 'error_access_denied.html.twig');
}
```

STRIPE – HTML

```
<div class="row">
  <div class="input-field col s12">
    <div id="card-element" class="black-text">
      <!-- A Stripe Element will be inserted here. -->
    </div>
    <div id="card-errors" class="red-text" role="alert"></div>
  </div>
</div>
```

Stripe -Payments infrastructure for the internet.

STRIPE -JS

```
<script src="https://unpkg.com/@metamask/detect-provider/dist/detect-provider.min.js"></script>
<script src="https://js.stripe.com/v3/"></script>
<script>
  // Set your publishable key: remember to change this to your live publishable key in production
  // See your keys here: https://dashboard.stripe.com/apikeys
  var stripe = Stripe(
    'pk_test_51Itz2BGSGcqwiHohCMbl6PJGTqKkezRr9gbHMXMZke2rMHPaUB3g8c3mYCmgEC2Mc6GRiwPNjZjiiOZGIv76xICV00LK9JTtqV');
  var elements = stripe.elements();
  // Custom styling can be passed to options when creating an Element.
  var style = {
    base: {
      // Add your base input styles here. For example:
      fontSize: '2rem',
      color: '#000000',
    },
  };

  // Create an instance of the card Element.
  var card = elements.create('card', {
    style: style
  });
```


STRIPE JS CONTINUED

```
// Create a token or display an error when the form is submitted.
var form = document.getElementById('payment-form');
form.addEventListener('submit', function (event) {
    event.preventDefault();

    stripe.createToken(card).then(function (result) {
        if (result.error) {
            // Inform the customer that there was an error.
            var errorElement = document.getElementById('card-errors');
            errorElement.textContent = result.error.message;
        } else {
            // Send the token to your server.
            stripeTokenHandler(result.token);
        }
    });
});

function stripeTokenHandler(token) {
    // Insert the token ID into the form so it gets submitted to the server
    var form = document.getElementById('payment-form');
    var hiddenInput = document.createElement('input');
    hiddenInput.setAttribute('type', 'hidden');
    hiddenInput.setAttribute('name', 'stripeToken');
    hiddenInput.setAttribute('value', token.id);
    form.appendChild(hiddenInput);

    // Submit the form
    form.submit();
}
```

STRIPE - PHP

```
// Set your secret key. Remember to switch to your live secret key in production.
// See your keys here: https://dashboard.stripe.com/apikeys

\Stripe\Stripe::setApiKey
('sk_test_51Itz2BGSGcqwIHoh1BSjF4vnK0ADvmPajkSLMGYcv1U70FxOjRUiBqTG1gpnwrKjLQTR2vZhWqIPfUROnulQtFD300429g
RdEL');

$app->post('/bookingdeposit', function (Request $request, Response $response, $args) use ($log) {
    if (!isset($_SESSION['user'])) { // refuse if user not logged in
        $response = $response->withStatus(403);
        return $this->view->render($response, 'error_access_denied.html.twig');
    }
    // Token is created using Stripe Checkout or Elements!
    // Get the payment token ID submitted by the form:
    // $token = $_POST['stripeToken'];
    $token = test_input($request->getParam('stripeToken'));

    $customer = \Stripe\Customer::create(array(
        "email" => $_SESSION['user']['email'],
        "source" => $token
    ));
});
```

STRIPE – PHP CONTINUED

```
✓ $charge = \Stripe\Charge::create([
    'amount' => 10000000,
    'currency' => 'usd',
    'description' => 'Booking deposit',
    'customer' => $customer->id
]);

$now = new DateTime(null, new DateTimeZone('America/New_York'));
$service_id = DB::queryFirstField("SELECT MAX(id) as id FROM training");
✓ DB::insert('transactions', [
    'id' => $charge['id'],
    'customer_id' => $_SESSION['user']['id'],
    'service_id' => $service_id,
    'description' => $charge['description'],
    'amount' => $charge['amount'],
    'currency' => $charge['currency'],
    'status' => $charge['status'],
    'created' => $now]);
return $this->view->render($response, 'paysuccess.html.twig', ['confirm' => 13, 'userSession' =>
$_SESSION['user']]);
});
```

METAMASK WALLET


- In particular, it handles account management and connecting the user to the blockchain.



METAMASK...

Not Secure | apollo.ipd24.ca/bookingdeposit#!

os /... GitHub Google Docs Google Slides 2021 IPD-24 PHP... senditaway / 2021... JAC Crypto Programming HTML/CSS SandBox Learning Reading List Personal

Apollo Travels 

DRAGON STARSHIP SERVICES SIGN OUT


Booking Deposit

Let's start your journey to the stars!


Booking Deposit: **100,000.00 USD**

First Name

Last Name

 Card number

MM / YY CVC

 Metamask installed!

PAY DEPOSIT


1 of 2

http://apollo.ipd24.ca

Connect With MetaMask

Select account(s)

[New Account](#)

☒  Emma MetaMask (...6314)
2 ETH

Only connect with sites you trust. [Learn more](#)

Cancel [Next](#)

METAMASK...

Not Secure | apollo.ipd24.ca/bookingdeposit#!

GitHub | Google Docs | Google Slides | 2021 IPD-24 PHP... | senditaway / 2021... | JAC | Crypto | Programming | HTML/CSS | SandBox | Learning | Reading List

Apollo Travels

DRAGON | STARSHIP | SERVICES | SIGN OUT

Booking Deposit

Let's start your journey to the stars!

Booking Deposit: **100,000.00 USD**

First Name

Frida

Last Name

Kahlo

Card number

MM / YY CVC

0x1c294f5a749f3f798132570dfc93bbd4c04f6314

PAY DEPOSIT

Ropsten Test Network

Connected Emma MetaM...
0x1c29...6314

2 ETH

Buy | Send | Swap

Assets | Activity

2 ETH

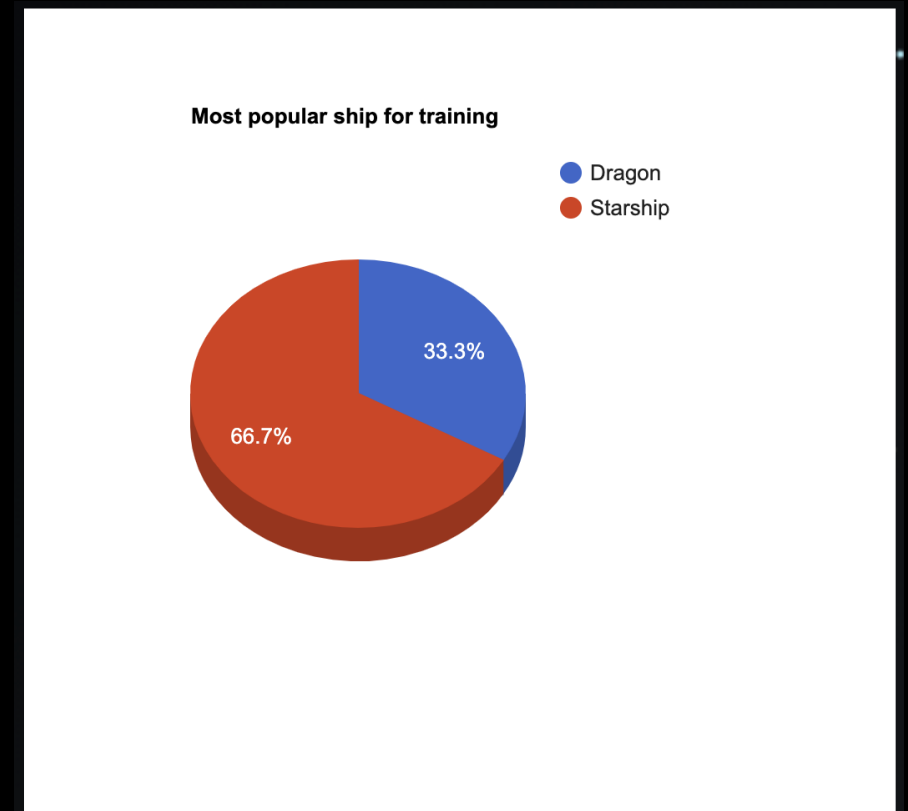
Add Token

Need help? Contact [MetaMask Support](#)

METAMASK...

```
ethereumButton.addEventListener('click', () => {  
  //Will Start the metamask extension  
  if (typeof window.ethereum !== 'undefined' && ethereum.isMetaMask === true) {  
    // handle provider  
    showAccount.innerHTML = "Metamask installed!";  
    // console.log("Metamask installed!");  
  
    getAccountHandler();  
  
    ethereum.request({  
      method: 'eth_requestAccounts'  
    });  
  
  } else {  
    // handle no provider  
    // showAccount.innerHTML = "Please install metamask https://metamask.io/download";  
    // console.log("Please install metamask.");  
    // alert("Please install metamask: https://metamask.io/download");  
  
    if (window.confirm(  
      'Please click on \'OK\' to start using MetaMask wallet.')) {  
      window.location.href = 'https://metamask.io/download', '_blank';  
    };  
  
  }  
});
```

GOOGLE PIE CHART...



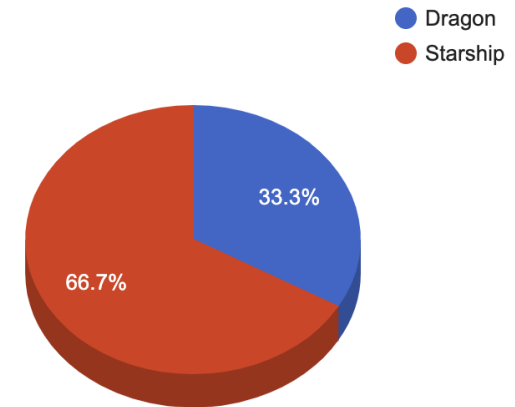
```
$starshipTrainingList = DB::query("SELECT s.id, s.name, COUNT(s.id) as total FROM training as t, spaceships as s WHERE t.spaceship_id = s.id GROUP BY s.id");
```


GOOGLE PIE CHART, JS AND TWIG

```
// draw chart
function drawChart() {

    // Create the data table.
    var data = new google.visualization.DataTable();
    data.addColumn('string', 'Name');
    data.addColumn('number', 'Number of Training');
    data.addRows([
        {% for t in starshipTrainingList %}
            [ '{{t.name}}', {{t.total}} ],
        {% endfor %}
    ]);
}
```

Most popular ship for training



CONTACT FORM

- With or without user login
- Validate form data with PHP
- ReCaptcha
- Logs

```
function test_input($data) {  
    $data = trim($data);  
    $data = stripslashes($data);  
    $data = htmlspecialchars($data);  
    return $data;  
}
```

```
<script>location.href('http://www.hacked.com')</script>
```

```
&lt;script&gt;location.href('http://www.hacked.com')&lt;/script&gt;
```

id	firstname	lastname	email	message	user_id	date
14	Vincent	Van Gogh	vincent@van.ca	Great starry night, Apollo!!!	7	2021-05-26 01:40:24
15	John	Malkovich	john@malkovich.ca	Great job!	NULL	2021-05-26 03:15:22

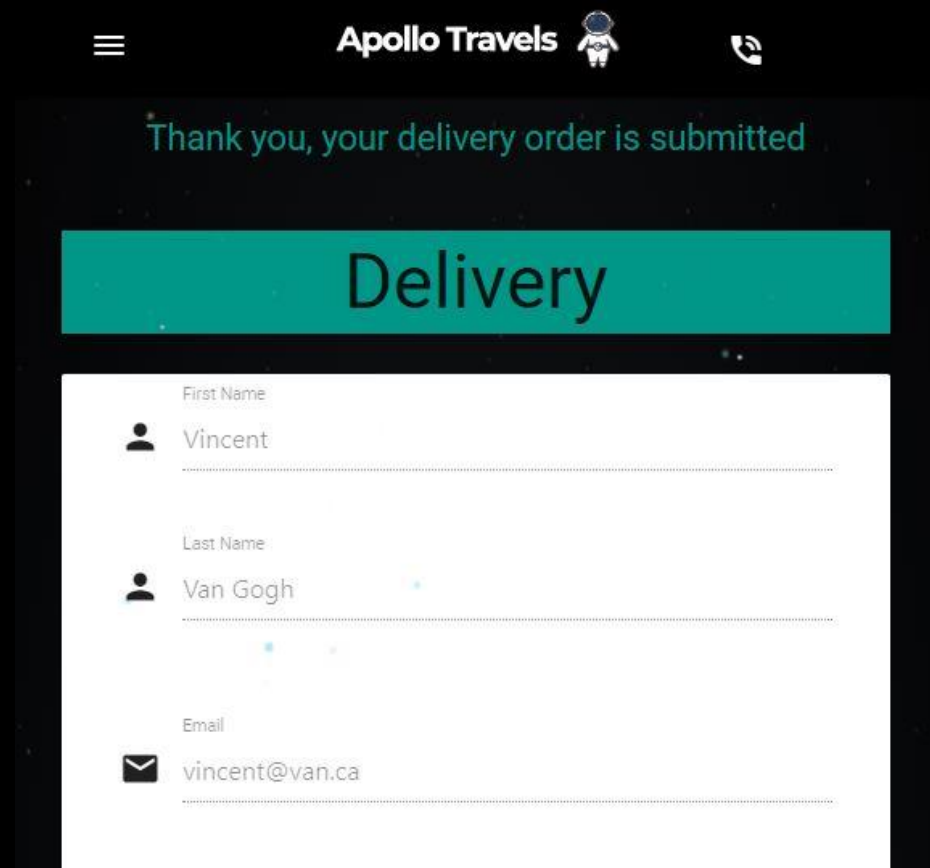
```
[2021-05-26T04:55:36.827934+02:00] main.DEBUG: Message sent successfully by John Malkovich, email: john@malkovich.ca, 127.0.0.1
```

The screenshot shows the 'Contact us' form on the Apollo Travels website. The form has a teal header with the text 'Contact us'. Below the header, there are input fields for 'First Name' (John) and 'Last Name' (Malkovich). The 'Email' field contains 'john@malkovich.ca'. The 'Message' field contains 'Great job!'. A teal 'SEND MESSAGE' button is at the bottom right. The website's navigation bar at the top includes a hamburger menu, the 'Apollo Travels' logo, and a user profile icon.

DELIVERIES

- Form validation
- Only when user is logged in
- ReCaptcha
- Logs
- Flash message

```
if (!isset($_SESSION['user'])) { // refuse if user not logged in
    $response = $response->withStatus(403); // 403 - access forbidden
    return $this->view->render($response, 'error_access_denied.html.twig');
}
```



The screenshot shows the Apollo Travels website header with a hamburger menu, the brand name "Apollo Travels" with a rocket icon, and a phone icon. A green flash message at the top states "Thank you, your delivery order is submitted". Below this is a teal banner with the word "Delivery" in white. The main form area is white and contains three input fields: "First Name" with the value "Vincent", "Last Name" with the value "Van Gogh", and "Email" with the value "vincent@van.ca". Each field has a corresponding icon (person for names, envelope for email) and a light blue focus ring.

DELIVERIES

- Form validation
- Only when user is logged in
- ReCaptcha
- Logs
- Flash message

Weight (kg)

6

Delivery Date

06/08/2021

Description

Sunflowers

Choose spaceship


☐ Dragon

☒ Starship

Upload image

Choose Files

1-sunflower...n-gogh.jpg



Calculate delivery

SUBMIT

CALCULATOR

Calculate the delivery price

- Height
- Width
- Weight

#	Name	Type
1	id 	int(11)
2	attribute_name	varchar(200)
3	attribute_value	int(11)

Calculator

The total price for the delivery

TOTAL: 5 200 000.00

[Calculate again](#) [Go to delivery page](#)

Calculator

Choose the width to calculate the total

☒ Width less than 11cm
☐ Width from 11 to 30cm
☐ Width from 31 to 60cm
☐ Width from 61 to 99cm

[GO BACK](#) [NEXT](#)

CALCULATOR

```
// STATE 1: first display
$app->get('/calculator', function (Request $request, Response $response, $args) {
    $step = null;
    $valuesList = ['step' => $step];
    return $this->view->render($response, 'calculator.html.twig', ['v' => $valuesList]);
});
```

```
$step = $request->getParam('step');
$sum = 0;

// get values
if ($step == 1) {
    $_SESSION['height'] = $request->getParam('height');
} elseif ($step == 2) {
    $_SESSION['width'] = $request->getParam('width');
} elseif ($step == 3) {
    $weight = $request->getParam('weight');
    try {

        $height_value = DB::queryFirstRow("SELECT * FROM calculator WHERE attribute_name=%s", $_SESSION['height']);
        $width_value = DB::queryFirstRow("SELECT * FROM calculator WHERE attribute_name=%s", $_SESSION['width']);
        $weight_value = DB::queryFirstRow("SELECT * FROM calculator WHERE attribute_name=%s", $weight);

        $sum = $height_value['attribute_value'] + $width_value['attribute_value'] + $weight_value['attribute_value'];
        $sum = number_format($sum, 2, '.', ' ');
    } catch (Exception $e) {
        print_r($e->getMessage());
    }
}
```

```
<!-- ***** FORM HEIGHT ***** -->
{% if v.step == null %}
<h5 class="teal-text center-align flow-text ">
    Choose the height to calculate the total</h5>
<div class="divider"></div>
```

```
<form class="col s12 center-align" method="post" style="padding: 0 2rem;">
    <input type="hidden" name="step" value="1">
```

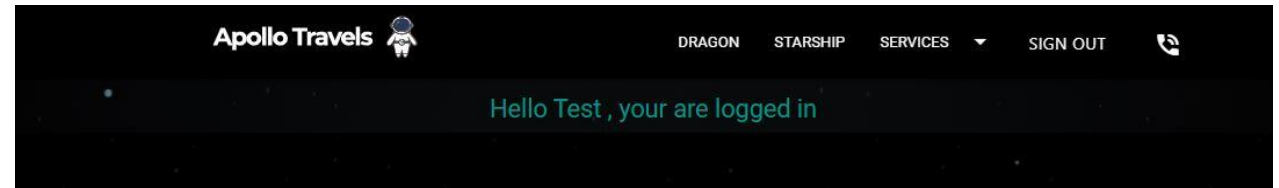
```
{% elseif v.step == 1 %}
```

```
<!-- ***** FORM WIDTH ***** -->
<h5 class="teal-text center-align flow-text ">
    Choose the width to calculate the total</h5>
<div class="divider"></div>
```

```
<form class="col s12 center-align" method="post" >
    <input type="hidden" name="step" value="2">
```

SMALL THINGS DEMANDING BIG TIME

- Animating background and logo
- Navigation bar(dropdown, sidebar)
- Call the agent
- Materialize and its challenges
- Flash messages

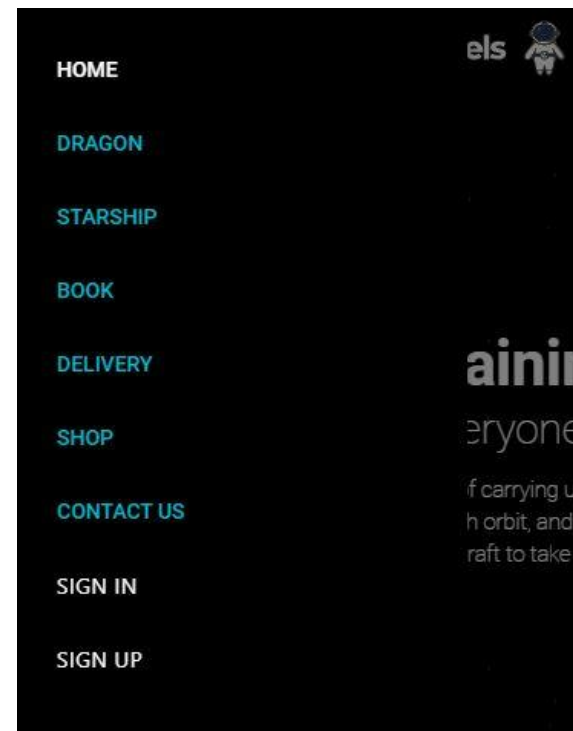


Booking

Delivery

Contact Us

SHOP



```
{% if userSession %}
<li>
  <a href="/logout">
    <button class="waves-effect btn transparent navbtn"
      type="button" name="action">Sign out</button>
  </a>
</li>
{% else %}
<li>
  <a href="/login">
    <button class="waves-effect btn transparent navbtn"
      type="button" name="action">Sign in</button>
  </a>
</li>
<li>
  <a href="/register">
    <button class="waves-effect btn transparent navbtn"
      type="button" name="action">Sign up</button>
  </a>
</li>
{% endif %}
```


IF WE HAD MORE TIME...

- crypto / NFT
- refactor / tables layout
- shop

