

Final project documentation - CST352

Group members

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Project description

This project features a classified advertisements website for cars. One can display, edit, delete and create, one can also generate reports based on all the adds.

In this document, you will find:

A user story, a database design/ER diagram, screenshots and mockups.

Number of tables: 3

cars, admin, users (10+ fields, 20++ records).

User story, as told by the customer

Default landing page - index.php

As a user, when entering the website I should be shown a web page consisting of a navigation bar with a login button, a favourites button, a sign up button and a home button.

Then, the page should display multiple bootstrap cards with information like car model, car price, car make, milage, one picture and a description for the specific car shown. These cards should be fetched from a database consisting of the following: make, model, price, description, doors, previous owners, fuel type, horsepower, model year, cylinder volume, interior color, exterior color, weight, car ID and three pictures.

On clicking one of these cards, a modal respective to the car you clicked should display with all the database entities as written above. One should be able to slide/click through a slideshow consisting of three pictures of the respective car. There will also be shown a favourite icon/button.

The page may display a lot of cars, and it would be smart to filter the cars. A button for filtering should be shown above all the cars, and I should be able to filter the cars based on several factors, like the following: Car make, car brand, price (from, to), milage (from, to). The filter should be applied upon clicking a “apply filter button”. If I want to reset the filters, I will be able to do that by clicking the “reset filter” button in the same menu.

By clicking on the heart icon displayed on one of the cards, the car I clicked should be added to the favourites page, and can see all the cars I have favorited by clicking the favourite tab/button in the navigation bar.

Favourites page - favorites.php

This page should display all cars I have favorited the same way the cars are shown at the homepage. Except, one can now remove from favourites.

Login page - login.php

When clicking the login button/tab in the navigation bar, I should be shown a login screen consisting of two input fields, one for username and one for password, and I should be able to login by clicking the login button after entering “**admin**” and “**admin**”, respectively.

Admin dashboard - dashboard.php

After successfully logging in I am redirected to the admin dashboard. This dashboard has a navigation bar with a sign out button and a dashboard. Followed by two buttons, a “add new vehicle” button and a “generate report” button. The cards now also shows an “edit” button and a delete button. The rest of the page should be identical to the default landing page (index.php).

Upon clicking “edit” button, a input group consisting of a field for every database entity should appear. Below, there should be a “update button” and a “cancel” button. Clicking the “cancel” button redirects to the admin dashboard, while clicking the “update” button should save all the field to a “car” database.

On clicking the delete button, the respective car should be deleted, just after getting prompted if I really want to delete this car.

Add new car page - addCar.php

Upon clicking “add new vehicle” button, a input group consisting of a field for every database entity should appear. Below, there should be a “add button” and a “cancel” button. Clicking the “cancel” button redirects to the admin dashboard, while clicking the “add vehicle” button should save all the field to a “car” database.

Back on the dashboard, I should be able to sign out of the admin dashboard and redirected to the index.php default landing page.

Lastly, I will be able to create a new account by clicking the “sign up button” in the navigation bar. Leading to....

Sign up page - signup.php

Here one should be able to enter a username, password and confirm set password in an input group. Then click a sign up button to save these field to a user database.

Database design diagram

ERD FOR FINAL PROJECT CST352

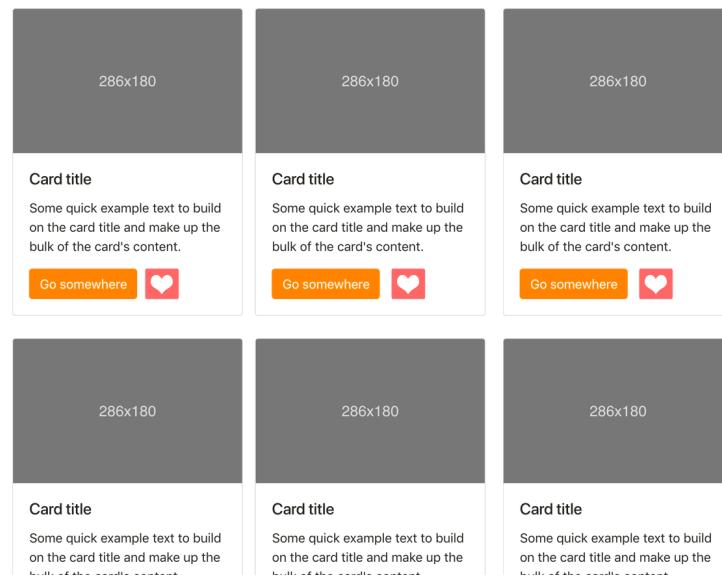
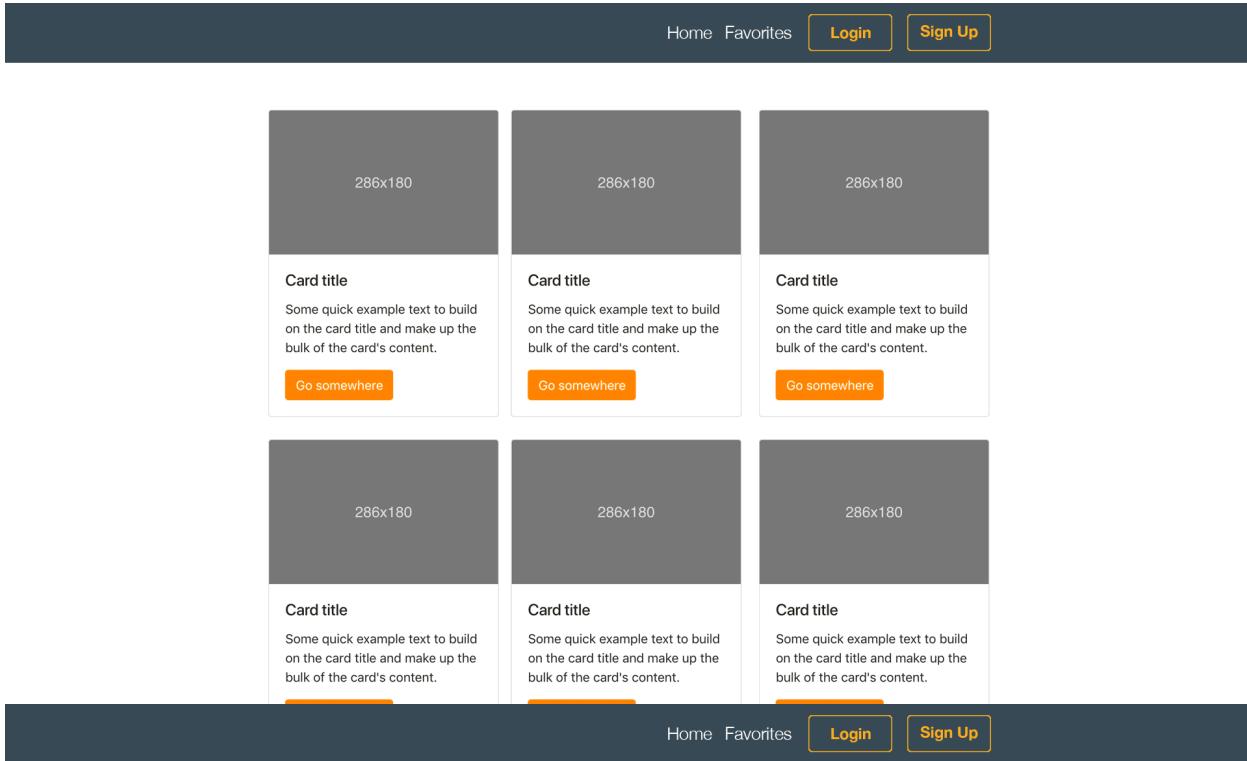
Truls, Zakarias, William

CAR	
carId PRIMARY	INT(11)
make	varchar(25)
model	varchar(25)
price	DOUBLE
description	varchar(600)
color	varchar(25)
weight	DOUBLE
year	INT(11)
doors	INT(11)
fuelType	varchar(25)
preOwners	INT(11)
interColor	varchar(25)
effect	INT(11)
cylinderVolume	DOUBLE
milage	INT(11)
imgURL	varchar(200)
imgURL2	varchar(200)
imgURL3	varchar(300)

CAR_SIGNUP	
id PRIMARY	INT(11)
username	varchar(25)
password	varchar(25)

C_ADMIN	
adminId PRIMARY	TINYINT(4)
firstName	varchar(25)
lastName	varchar(25)
username	varchar(8)
password	varchar(40)

Mockups:



Admin login

Username:

Password:

[Login](#)

Data report

Amount of cars in the system: 100

Average price: \$100000



Sign Up!

Username:

Password:

Re-type Password:

Sign Up



Placeholder:

Placeholder:

Placeholder:

Placeholder:

Placeholder:

Screenshots

Home Favorites Login

[Filters](#)



Ferrari 488 Pista

Price: \$400000

Lorem ipsum dolor sit amet, habeo fugit reprehendunt te eum, velit perfecto gubergren ne vim. Sensibus voluptatum te ius. Cu numquamphaedrum per, posse principes usu ea. Te mei eiusmod sententiae. Cibo percepit at nec, te amet mutat maiorum nam, vel no adipisci consequat. Eos ad alii qualisque. In suas epicuri mea. In magna commodo his.

[Check out this car!](#) [Heart](#)



Mercedes-AMG GT R

Price: \$320000

Lorem ipsum dolor sit amet, habeo fugit reprehendunt te eum, velit perfecto gubergren ne vim. Sensibus voluptatum te ius. Cu numquamphaedrum per, posse principes usu ea. Te mei eiusmod sententiae. Cibo percepit at nec, te amet mutat maiorum nam, vel no adipisci consequat. Eos ad alii qualisque. In suas epicuri mea. In magna commodo his.

[Check out this car!](#) [Heart](#)



Mercedes-Benz GLE

Price: \$150000

Lorem ipsum dolor sit amet, habeo fugit reprehendunt te eum, velit perfecto gubergren ne vim. Sensibus voluptatum te ius. Cu numquamphaedrum per, posse principes usu ea. Te mei eiusmod sententiae. Cibo percepit at nec, te amet mutat maiorum nam, vel no adipisci consequat. Eos ad alii qualisque. In suas epicuri mea. In magna commodo his.

[Check out this car!](#) [Heart](#)

Chrome Fil Endre Visning Logg Bokmerker Personer Vindu Hjelp

William https://william-svea-lochert-cst352-willisl.c9users.io/cat352/project12/index.php tir.16:36



Audi A3 etron

Price: \$25000

Lorem ipsum dolor sit amet, habeo fugit reprehendunt te eum, velit perfecto gubergren ne vim. Sensibus voluptatum te ius. Cu numquamphaedrum per, posse principes usu ea. Te mei eiusmod sententiae. Cibo percepit at nec, te amet mutat maiorum nam, vel no adipisci consequat. Eos ad alii qualisque. In suas epicuri mea. In magna commodo his.

[Check out this car!](#)



BMW 520D

Price: \$9000

Lorem ipsum dolor sit amet, habeo fugit reprehendunt te eum, velit perfecto gubergren ne vim. Sensibus voluptatum te ius. Cu numquamphaedrum per, posse principes usu ea. Te mei eiusmod sententiae. Cibo percepit at nec, te amet mutat maiorum nam, vel no adipisci consequat. Eos ad alii qualisque. In suas epicuri mea. In magna commodo his.

[Check out this car!](#)



BMW 330XD

Price: \$20000

Lorem ipsum dolor sit amet, habeo fugit reprehendunt te eum, velit perfecto gubergren ne vim. Sensibus voluptatum te ius. Cu numquamphaedrum per, posse principes usu ea. Te mei eiusmod sententiae. Cibo percepit at nec, te amet mutat maiorum nam, vel no adipisci consequat. Eos ad alii qualisque. In suas epicuri mea. In magna commodo his.

[Check out this car!](#)



Ford Mustang

Price: \$10000

Driva: 475000



Volkswagen Golf GTE

Driva: 475000



Volvo v50

Price: \$4000

Screenshot of a browser-based code editor showing two tabs: 'main.css' and 'JS main.js'. The 'main.css' tab contains CSS for a car listing page, including styles for a modal, a slider, and a table. The 'JS main.js' tab contains JavaScript for a car search feature, specifically handling the 'GET' method to fetch car details from 'getCarInfo.php' and displaying them in a modal.

```

/* main.css */
#modal {
    position: absolute;
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;
    background-color: black;
    opacity: 0.5;
    z-index: 1000;
}
#modal-content {
    position: relative;
    width: 400px;
    height: 300px;
    margin: auto;
    background-color: white;
    border-radius: 10px;
    padding: 10px;
}
#modal-content h2 {
    margin: 0;
    font-size: 1.2em;
}
#modal-content p {
    margin: 0;
    font-size: 0.9em;
}
#modal-content button {
    margin: 10px 0;
    padding: 5px 10px;
    border: none;
    border-radius: 5px;
    background-color: #f0f0f0;
    color: #333;
    font-size: 0.8em;
}
#modal-content button:hover {
    background-color: #e0e0e0;
}

/* JS main.js */
$(document).ready(function() {
    $('#carList').click(function() {
        //alert('Clicked');
        $('#modal').modal('show');
    });
    $('#modal').on('shown.bs.modal', function() {
        var carId = $(this).attr('id');
        $.get('getCarInfo.php', {id: carId}, function(data) {
            $('#modalContent').html(data);
        });
    });
    $('#modal').on('hidden.bs.modal', function() {
        $(this).remove();
    });
});

```

Screenshot of a web browser displaying a car listing page. The page shows several cars with their names, prices, and brief descriptions. Each car card includes a 'Check out this car!' button and a heart icon. The right side of the screen shows the browser's developer tools, specifically the Elements and Styles panels, which are being used to inspect the CSS applied to the car cards.

Car Model	Price	Description
Ferrari 488 Pista	\$400000	Price: \$400000 Lorem ipsum dolor sit amet, habeo fugit reprehendunt te eum, velit perfecto gubergren ne vim. Sensibus voluptatum te ius. Cu numquam phaeum per, posse principes usu ea. Te mei euismod sententiae. Cibo percipit at nec, te amet mutat maiorum nam, vel no adipisci consequat. Eos ad illi qualisque. In suas epicuri mea. In magna commodo his.
Mercedes-AMG GT R	\$320000	Price: \$320000 Lorem ipsum dolor sit amet, habeo fugit reprehendunt te eum, velit perfecto gubergren ne vim. Sensibus voluptatum te ius. Cu numquam phaeum per, posse principes usu ea. Te mei euismod sententiae. Cibo percipit at nec, te amet mutat maiorum nam, vel no adipisci consequat. Eos ad illi qualisque. In suas epicuri mea. In magna commodo his.
Mercedes-Benz GLE	\$150000	Price: \$150000 Lorem ipsum dolor sit amet, habeo fugit reprehendunt te eum, velit perfecto gubergren ne vim. Sensibus voluptatum te ius. Cu numquam phaeum per, posse principes usu ea. Te mei euismod sententiae. Cibo percipit at nec, te amet mutat maiorum nam, vel no adipisci consequat. Eos ad illi qualisque. In suas epicuri mea. In magna commodo his.
Audi RS6	\$100000	Price: \$100000 Lorem ipsum dolor sit amet, habeo fugit reprehendunt te eum, velit perfecto gubergren ne vim. Sensibus voluptatum te ius. Cu numquam phaeum per, posse principes usu ea. Te mei euismod sententiae. Cibo percipit at nec, te amet mutat maiorum nam, vel no adipisci consequat. Eos ad illi qualisque. In suas epicuri mea. In magna commodo his.
VW Golf	\$80000	Price: \$80000 Lorem ipsum dolor sit amet, habeo fugit reprehendunt te eum, velit perfecto gubergren ne vim. Sensibus voluptatum te ius. Cu numquam phaeum per, posse principes usu ea. Te mei euismod sententiae. Cibo percipit at nec, te amet mutat maiorum nam, vel no adipisci consequat. Eos ad illi qualisque. In suas epicuri mea. In magna commodo his.

A screenshot of a Chrome browser window. The address bar shows the URL https://william-svea-lochert-cst352-willisl.c9users.io/cst352/project2/login.php. The page content is a simple form with fields for 'Email' and 'Password'. Below the form is a 'Login' button. To the right of the page, the browser's developer tools are open, specifically the Elements tab, which displays the HTML code for the current page.

Admin login

Username:

Password:

```
html body div.container div.row div#logobox .sm-sm h3
Styles Event Listeners DOM Breakpoints Properties Accessibility
Filter :hover :is + element-style
element-style {
}
.h3, .h3 h3 { font-size: 1.75rem; }
.h3, .h3 h3, .h3 h4, .h5, .h6, .h1, .h2, .h4 { type: scss; }
.h3 h3 { margin-bottom: .5rem; font-family: inherit; font-weight: inherit; line-height: 1.2; color: inherit; }
.h1, .h2, .h3, .h4, .h5, .h6 { _reboot.scss:100px; margin-top: 0; margin-bottom: .5rem; }
*, ::after, ::before { _reboot.scss:25px; box-sizing: border-box; }
.h3 { display: block; font-size: 1.75rem; margin-block-start: 1em; margin-block-end: 1em; margin-inline-start: 0px; margin-inline-end: 0px; font-weight: bold; }
.rebooted { font-size: 1.75rem; margin-block-start: 1em; margin-block-end: 1em; margin-inline-start: 0px; margin-inline-end: 0px; font-weight: bold; }

```

Chrome Fil Endre Visning Logg Bokmerker Personer vindu Hjelp

https://william-svea-lochert-cst352-willisl.c9users.io/cst352/project2/favorites.php

Home Favorites Login

Favorites ❤



Ferrari 488 Pista

Price: \$400000

LOREM IPSUM DOLOR SIT AMET, HABEO FUGIT REPREHENDUNT TE EUM, VEILT PERFECTO QUBERGEN NE VIM. SENSIBUS VOLUPTATUM TE IUS. CU NUMQUAM PHAEDRUM PER, POSSE PRINCIPES USA EA. TE MEI EUISMOD SENTENTIAE. CIBO PERCIPIT AT NEC, TE AMET MUTAT MAIORUM NAM, VEL NO ADIPISCI CONSEQUAT. EOS AD ALI QUISQUE. IN SUAS EPICURI MEA. IN MAGNA COMMODO HIS.

[Check out this car!](#) 



Mercedes-AMG GTR

Price: \$320000

LOREM IPSUM DOLOR SIT AMET, HABEO FUGIT REPREHENDUNT TE EUM, VEILT PERFECTO QUBERGEN NE VIM. SENSIBUS VOLUPTATUM TE IUS. CU NUMQUAM PHAEDRUM PER, POSSE PRINCIPES USA EA. TE MEI EUISMOD SENTENTIAE. CIBO PERCIPIT AT NEC, TE AMET MUTAT MAIORUM NAM, VEL NO ADIPISCI CONSEQUAT. EOS AD ALI QUISQUE. IN SUAS EPICURI MEA. IN MAGNA COMMODO HIS.

[Check out this car!](#) 



Mercedes-Benz GLE

Price: \$150000

LOREM IPSUM DOLOR SIT AMET, HABEO FUGIT REPREHENDUNT TE EUM, VEILT PERFECTO QUBERGEN NE VIM. SENSIBUS VOLUPTATUM TE IUS. CU NUMQUAM PHAEDRUM PER, POSSE PRINCIPES USA EA. TE MEI EUISMOD SENTENTIAE. CIBO PERCIPIT AT NEC, TE AMET MUTAT MAIORUM NAM, VEL NO ADIPISCI CONSEQUAT. EOS AD ALI QUISQUE. IN SUAS EPICURI MEA. IN MAGNA COMMODO HIS.

[Check out this car!](#) 







Elements Console Sources

```
<!DOCTYPE html>
<html lang="en">
  <head></head>
  <body>
    <div>
```

Chrome Fil Endre Visning Logg Bokmerker Personer vindu Hjelp

https://william-svea-lochert-cst352-willisl.c9users.io/cst352/project2/addCar.php

sign out

Add new car!

Car maker:

Car model:

Doors:

Fuel type:

Weight:

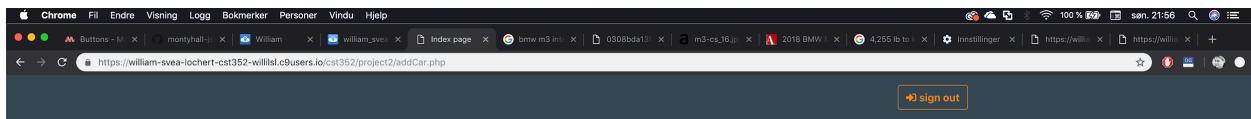
Horse power:

Cylinder volume:

Milage:

Model year:

Number of previous owners:



Add new car!

Car maker:

Car model:

Doors:

Fuel type:

Weight:

Horse power:

Cylinder volume:

Milage:

Model year:

Number of previous owners:

Update the values below..

Model: ABT-RS6

Maker: Audi

Price: 130000

Description: Lorem ipsum dolor sit amet.

Color: Black / White

Weight: 2000

Year: 2018

Doors:

Update Author