

# P2S Iteration III & IV

CPS630 - Team #3

Submitted to:  
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Name	Tasks	Percentage
Kyle Kan	Sign in system, About Us/Contact, General debugging, Technical Report	33%
Joy Khatter	Service page(a), Service page(b), Service page(c), Shopping cart, Geolocation Map and Technical Report	33%
Xueqing Qiu	Database maintain mode pages, Technical Report, Service page(d), general bootstrap styling	33%

## **TABLE OF CONTENTS**

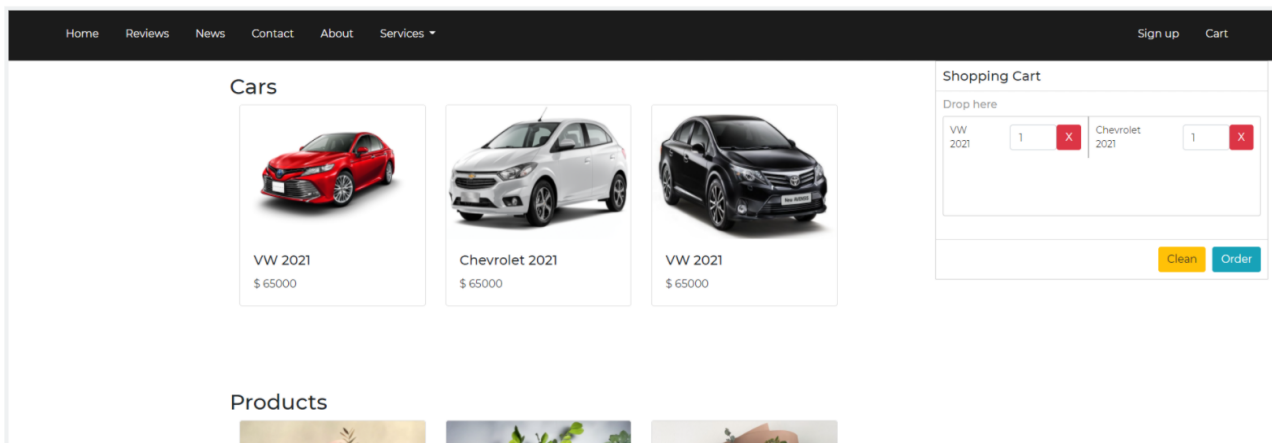
<b>Security</b>	<b>3</b>
<b>Service Description and Comparison Table</b>	<b>3</b>
<b>Browser Support</b>	<b>3</b>
<b>Forth Service</b>	<b>3</b>
<b>SPA Design</b>	<b>3</b>

## Security

A security issue that we have identified was that the plain password is stored in the database. This could be bad because if an individual were to get access to our database the customer's password would be compromised. To remedy this we have decided to encrypt our passwords in the database with the md5 algorithm with a random salt that is saved to the user profile. We added two new columns to the user table salt, and hashed\_pw.


## Service Description and Comparison Table

For the ride green service Shopping Cart can take two services of the same kind side by side with the help of drag and drop.




After you select the services you have the option to enter the end points which will be shown by the map later also you get the comparison table which displays the prices and images of the selected products and gives the user the choice to choose one of them through a form.

Cars



VW 2021  
\$ 65000

Products



Roses  
\$ 25

Start from

3620 Kaneff Crescent, Mississauga, ON, Canada



Destination address:

100 Mississauga Rd, Mississauga, ON, Canada

Birthday

2021-04-17 09:29 PM

Comparison Table

Option 1	Option 2
Gerveras	Lavanda
	
\$ 23	\$ 21

Select the service

Option 1

Drop here

Gerveras

1

X

Lavanda

Powered by

Then you can see the path from the map and the user has the option to Finish the order to see an invoice pop up on the screen.

Way Points

Start from

Enter a location

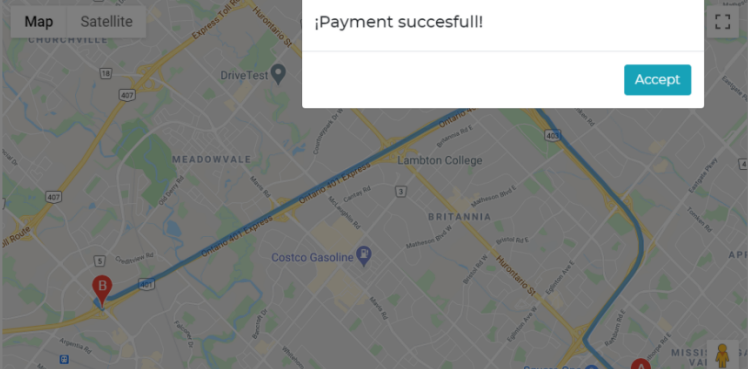
Destination

Enter a location

Draw Path

Map


Satellite



Finish Order

Your Invoice

This is your purchase



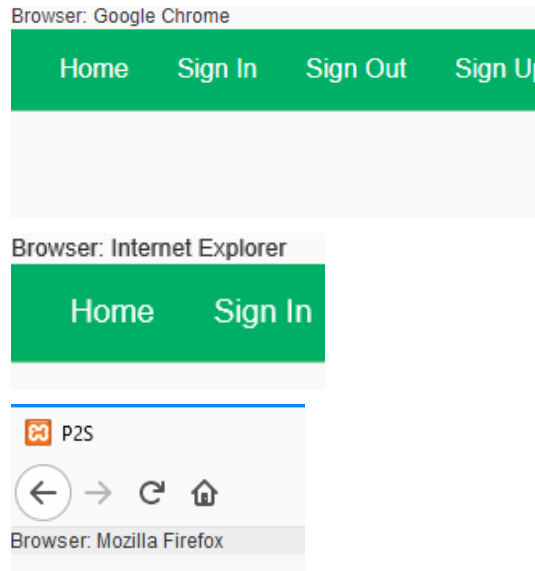
Gerveras \$ 23

Payment successful!

Accept

## Browser Support

The browser that our web pages support is Mozilla Firefox, Google Chrome, and Internet Explorer. We have implemented an indicator for which browser is being used.



## Forth Service

Our forth service is an application form that allows people to apply to be a driver for P2S.

A screenshot of a web application form titled 'Apply to be a Driver!'. The form is divided into two main sections. The left section, titled 'Requirements:', lists three items: '1. Have at least one year of driving experience', '2. Meet the minimum age to drive in your city', and '3. Have a valid driver's license'. The right section, titled 'Apply Now', contains three input fields for 'Full Name', 'Email', and 'Phone Number'. Below these is a file upload section titled 'Upload CV/Resume' with a 'Choose File' button, the text 'No file chosen', and instructions: 'Upload your CV/Resume or any other relevant file. Max file size 50 MB'. At the bottom of the 'Apply Now' section is a large green button labeled 'Send Application'. Below the entire form is a link that says 'Sign up to ride? Sign Up'.

They are able to upload files; names of the files will be saved in the database and the actual files will be saved in a folder. The data from this form is saved into a new MySQL table.

## SPA Design

For better user experience for services we have used single page architecture because if the application is constantly reloading everything from the server it will give a bad user experience. For the services no more html gets sent over the network only the data gets passed which helps

as it takes less bandwidth. In This application Angular SPA if you click on a button or a response application gets an Ajax request that gives back Json payload. This helps because HTML version size would be significantly bigger than a JSON object as it contains lots of duplicate stuff.