Advanced C# Programming Project Module code: MLAC195-01/ITACA021

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Project (AuctionIT) Documentation

Part one: WebService	
WebService	RegisterBuyer Web Method:
Click <u>here</u> for a complete list of operations.	Purpose – Update current buyer information in the MS Access database.
RegisterBuyer	
Test	Once registered, users can access their
To test the operation using the HTTP POST protocol, click the 'Invoke' button. Parameter Value	account, update details and buy/sell cars.
email:	Clicking "Invoke" will consume the Web
pass:	Service and open a second blank web page
ques:	This means the process was successful.
ans:	
Invoke	
WebService Click here for a complete list of operations.	Login Web Method: Purpose – Log the buyer into the website/ web application. This can only be achieved i
Login	 the user information is validated and seen as correct according to the MS Access
Test	database.
To test the operation using the HTTP POST protocol, click the 'Invoke' button. Parameter Value Email: Password: Invoke	Once logged in, users can access their account, update details and buy/sell cars. Clicking "Invoke" will consume the Web Service and open a second blank web page This means the process was successful.
WebService	<u>UpdateUser Web Method:</u>
Click <u>here</u> for a complete list of operations.	Purpose – Update buyer information store in the MS Access database.
UpdateUser	This can only be edited by the buyer when
Test	they are logged in.

Parameter	operation using the HTTP POST protocol, click the 'Invoke' button. Value
pass:	
ques:	
ans:	
accEmail:	
	Invoke

Clicking "Invoke" will consume the Web Service and open a second blank web page. This means the process was successful.

WebService

Click here for a complete list of operations.

ForgotPassword

Test

To test the o	peration using the HTTP POST protocol, click the 'Invoke' button.
Parameter	Value
newPass:	
Email:	
	Invoke

ForgotPassword Web Method:

Purpose – Allow the buyer to change their password if they have forgotten it. Once the email address has been validated, the password will be changed in the MS Access database.

Clicking "Invoke" will consume the Web Service and open a second blank web page. This means the process was successful.

WebService

Click here for a complete list of operations.

SellCar

Test

Parameter	Value	button.
make:		
model:		
desc:		
startBid:		
closeDate:		
estValue:		
		Invoke

SellCar Web Method:

Purpose – Allow the user to sell a car. The seller in this case would fill in all the fields, an once uploaded, the car will appear on the web page with all included details.

This can only be done by the seller when they are logged in.

Clicking "Invoke" will consume the Web Service and open a second blank web page. This means the process was successful.

WebService

Click here for a complete list of operations.

CarBid

Test

To test the op	eration using the HTTP POST protocol, click the 'Invoke' button.
Parameter	Value
buyerEmail:	
bidAmt:	
carID:	
	Invoke

CarBid Web Method:

Purpose – Allows the user to place a bid on a listed car of their choosing.

This can only be done by the buyer when they are logged in. The bid is written to the MS Access database as well as being written to a logfile.

Clicking "Invoke" will consume the Web Service and open a second blank web page. This means the process was successful.

Part two: The Web Application

The Home Page:

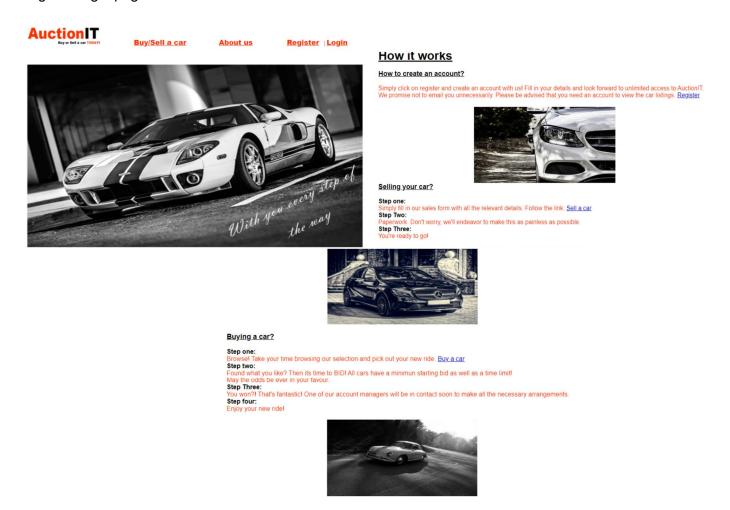
This is the starting page for the web application. The hyperlink heading in image one are as follows:

Buy/Sell a car – If clicked this will direct the user to the login page. This can only be accessed a registered buyer that has logged in.

About us – This page just offers a bit more information about the company.

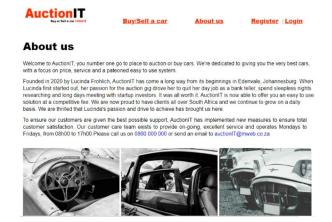
Register – Allows the user to register should they not have an account already.

Login - Login page.



The About Us Page:

This page can be accessed without having to log in. It gives company history and contact details.



The Login Page:

The buyer can login here with their registered email and password. Once logged in they will be redirected to the Home Page where they can navigate around the website at their leisure.

There is a hyperlink available if they have forgotten their password.

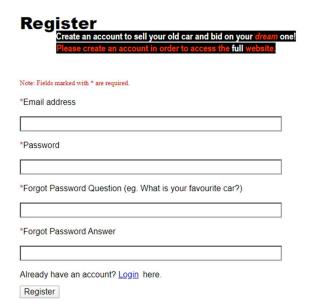
Email address Password Login Please click login to sign in! Forgot password? Dont have an account? Register here.

The Register Page:

This page can be accessed without having to log in. The user interested in seeing more of the web application would need to register by completing all the fields listed.

Their information will then be stored in the MS Access database and they will be directed to the login page to login into the web site.

There is a hyperlink at the bottom to redirect to the login page before they create an account if they already have one.



The Forgot Password Page:

Should the buyer have forgotten the password they registered when creating their account they can reset it here. By entering their email address, it will find their account in MS Access and update it accordingly with their new password.

They will then be redirected to the login page to login in.



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About us

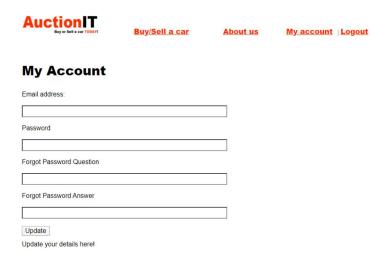
Register Login

Forgot password

Email adress		
New Password		
Submit		

The My Account Page:

Should the buyer ever need to update their details, it can be done here. Once update is clicked, this new data will be stored in the MS Access database for future use.



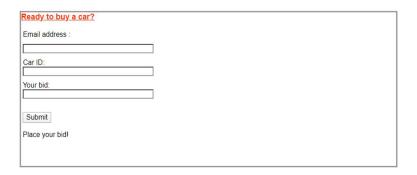
The Buy/Sell A Car Page:

This page contains a Gridview which populates according to the data stored in the MS Access database (AuctionIT database). Every car added by a seller under the sell a car panel is updated here once the submit button is clicked.



The Buy/Sell A Car Page: The buy a car panel

By filling in the required information in the panel a buyer can bid on a vehicle listed above using the car ID. Once completed and submit has been clicked, the data will be added to the MS Access database as well as being written to the Purchase.text logfile. A bid cannot be retracted.



The Buy/Sell A Car Page: The sell a car panel

By filling in the required information in the panel a seller can sell a car. Once completed and submit has been clicked, the data will be added to the MS Access database as well as being added to the Gridview at the top of the page for buyers to bid on.

