

Database Management Systems Laboratory Experiments Phase 4

Subject : Develop your desktop database management module

Due Date : 30.01.2020 23:59

Advisor : Res. Assist. (Nebi Yılmaz, Merve Özdeş)

Introduction:

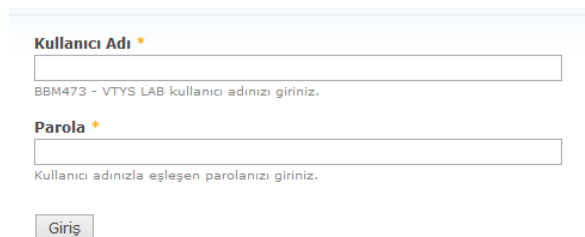
The aim of this phase is to create web application using your database.

Details:

Develop a web application using the database you created earlier. In this phase you will learn how to develop a web application using database. You can use only PHP.

In this phase you are expected to do the following steps.

- User login screen

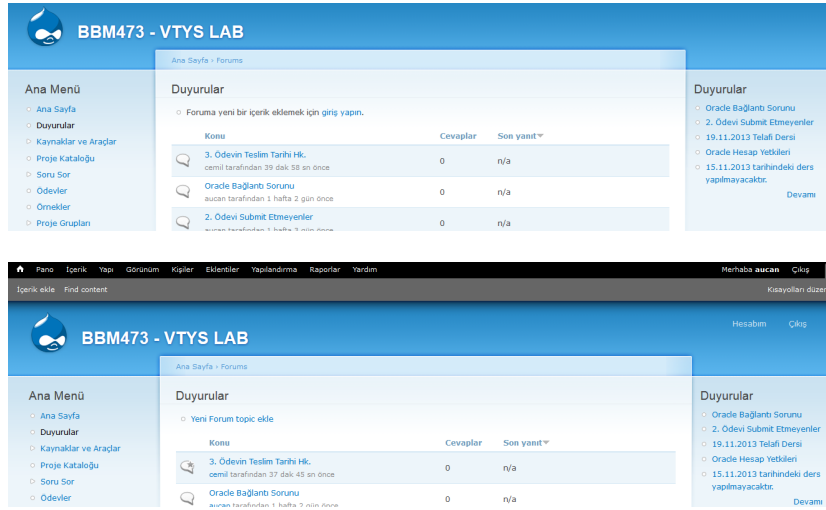


The screenshot shows a web form with two input fields. The first field is labeled 'Kullanıcı Adı *' (Username) and has a text input box. Below it is a hint: 'BBM473 - VTYS LAB kullanıcı adınızı giriniz.' (Enter your BBM473 - VTYS LAB username). The second field is labeled 'Parola *' (Password) and has a password input box. Below it is a hint: 'Kullanıcı adınızla eşleşen parolanızı giriniz.' (Enter your password that matches your username). At the bottom of the form is a button labeled 'Giriş' (Login).

- User login passwords must be stored database after encryption. You can use different methods like MD5, Sh1 etc.

	idusers	user_name	user_pass
▶	1	user1	7c6a180b36896a0a8c02787eeafb0e4c
*	NULL	NULL	NULL

- Authorization module. Different interface for each authorized user.



- Data entry and update screens for each table in your database. (Relation tables must be filled automatically by your application.)

Soru Gönder

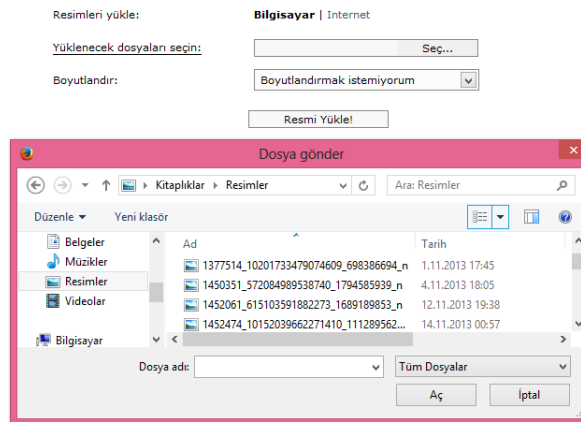
* Gerekli

İsim *

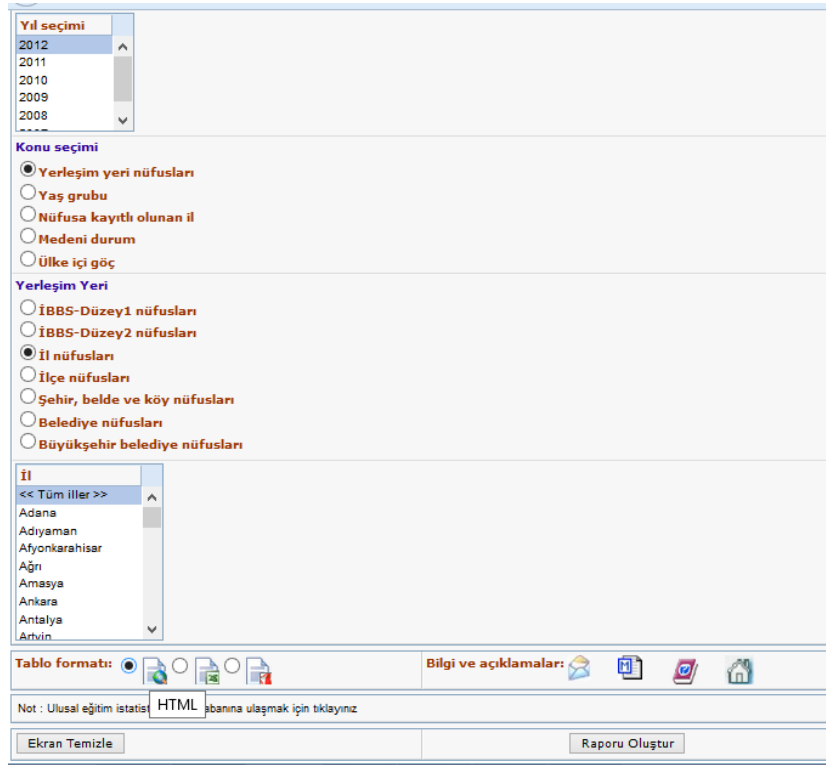
Soru: *

Gönder

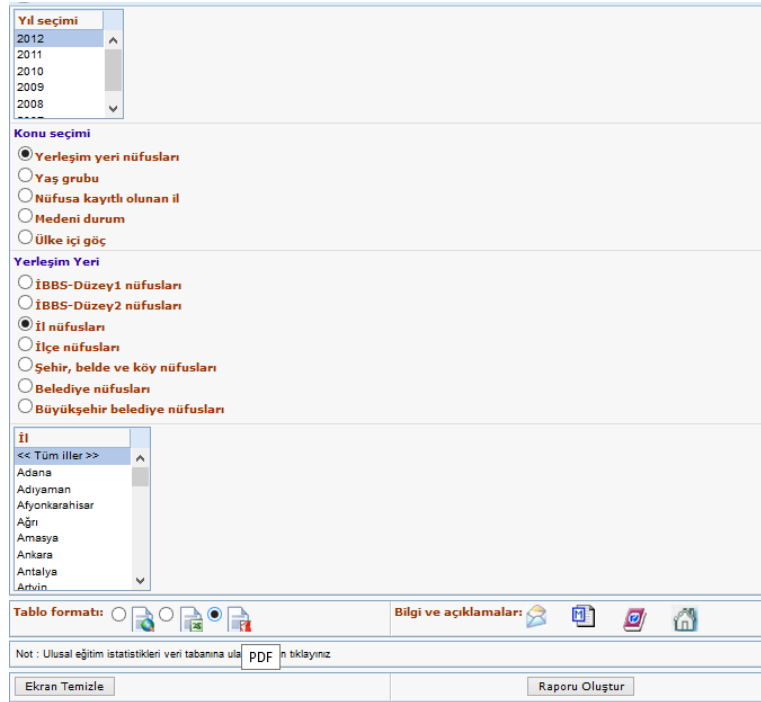
- Photo entry screen. You must store path of this photos in your database(*/pictures/pic_0001.jpg*)



- At least 3 listing screens. (Ex: Students who take this class)



- At least 3 reporting screens. (Reports are must be in HTML, TXT, PDF formats)



- At least 3 filtered page.

Otomobil Kategorisi

- Alfa Romeo (1.008)
- Anadol (26)
- Aston Martin (54)
- Audi (7.968)
- Bentley (73)
- BMW (15.745)
- Bugatti (1)
- Buick (11)
- Cadillac (46)
- Chery (97)
- Chevrolet (3.541)
- Chrysler (392)
- Citroën (6.474)
- Dacia (2.190)
- Tüm Otomobil Kategorileri**

Otomobil Vitrin

[Tüm vitrin ilanlarını göster](#)

"Bentley Otomobil" aramanızda **73 ilan** bulundu. [Aramayı FAVORİLERE KAYDET](#)

Vasıta
Otomobil
Bentley
Arrage (2)
Continental (97)
Mulsanne (1)

Adres Türkiye
İl:
İlçe:
Fiyat
TL USD EUR GBP
min TL: max TL:
Yıl
min: max:
Yakıt
☐ Benzin
☐ Benzin & LPG
☐ Dizel
☐ Hybrid
Vites
☐ Manuel
☐ Yarı Otomatik
☐ Otomatik

Tüm İlanlar	Sahibinden	Galeriden	Görünüm	Geliştirme						
Seri	Model	İlan Başlığı	Yıl	Km	Renk	Fiyat	İlan Tarihi	İl / İlçe		
	Continental	GT	PIST PLAZADAN BENTLEY CONTINENTAL GT V12 DOĞUŞ ÇIKIŞLI HATASIZ		2007	70.000	Siyah	€ 185.000	11 Nisan 2016	Gaziantep Şehitkamil
	Continental	GT Supersports	2013 BENTLEY V12 MULLINER PAKET (SAHİBİNDEN)		2013	31.000	Siyah	730.000 TL	09 Nisan 2016	İstanbul Sarıyer
	Continental	GT Supersports	SS MOTORS 2012 BENTLEY CONTINENTAL SUPERSPORT CONVERTIBLE - BAYI		2012	13.500	Beyaz	€ 355.000	11 Nisan 2016	İstanbul Şişli
	Continental	GT	"AKI AUTO" 2012 BENTLEY CONTINENTAL GT MULLINER PAKET BOYASIZ		2012	8.000	Lacvert	€ 244.000	10 Nisan 2016	İstanbul Bakırköy
	Continental	GT	"DORUK MOTORS" 2012 BENTLEY CONTINENTAL GT MULLINER PAKET V8		2012	22.000	Beyaz	€ 248.000	08 Nisan 2016	İstanbul Beşiktaş
	Continental	GT	ŞAMNU DAN 2012 BENTLEY CONTINENTAL GT V12 DOĞUŞ ÇIKIŞLI 3995 KM		2012	3.970	Füme	€ 365.000	11 Nisan 2016	İstanbul Kadıköy
	Continental	GT	SE-BA MOTORS 2006 BENTLEY CONTINENTAL GT COUPE BAYI ÇIKIŞLI		2006	47.000	Siyah	€ 150.000	01 Nisan 2016	İstanbul Bağcılar
	Continental	GT	"NOVA MOTORS" BENTLEY CONTINENTAL GT MULLINER KUSURSUZ		2012	11.000	Beyaz	€ 235.000	05 Nisan 2016	İstanbul Beşiktaş
	Continental	Flying Spur	SCLASS Yılan BENTLEY CONTINENTAL FLYING SPUR 560 HP DOĞUŞ ÇIKIŞLI		2012	19.000	Siyah	€ 295.000	07 Nisan 2016	İstanbul Kadıköy

- Statistics screens (At least 10 statistical query results, you must use mathematical SQL functions. Ex: avg, count, first, last, max, min, sum etc.)
- Processing History (you must create a dashboard panel to show us users action history in time order. Last 10 records must be kept.)



Grading:

- Login screen: 5 p.
- Encryption: 5 p.
- Different user login: 6 p.
- Picture upload path: 8 p.
- Data input screen: 6 p.
- Listing screen: 6 p.
- Reporting (HTML/TXT/PDF): 8 p.
- Filtering: 10 p.
- Statistics data: 8 p.
- Consistent data: 8 p.
- Dashboard: 10 p.
- Indexing: 10 p.
- Report: 10p.

Submit Format:

→ <student id.zip>
→ diagram/*(pdf, jpg, png, and etc.)
→ sql/create.sql, view.sql
→ report/*.pdf
→ program/*.zip
→ src/*.zip

Notes

- Do not miss the deadline. Late submissions will not be accepted
- Save all your work until the assignment is graded.
- The assignment must be original, **group** work. **Duplicate or very similar assignments are both going to be considered as cheating.**
- You can ask your questions via e-mail (*yilmaz,merve[at]cs.hacettepe.edu.tr*)
- Report language must be in **English**.
- You will submit your work from `https://submit.cs.hacettepe.edu.tr/index.php` with the file hierarchy as above.
- You will present your projects on **your dev web account**.
- You must submit **source codes** and **executable files**.
- Submit system will be opened **one student** in each project group. Student who is going to submit will be announced on website later.
- Presentation groups and schedules will be announced on the website.