

## Database Management Systems Laboratory Experiments Phase 4

**Subject :** Develop your desktop database management module

**Due Date :** 7.5.2022

**Advisor :** Res. Assist.Ahmet ALKILINÇ, Ali Baran TAŞDEMİR

### Introduction:

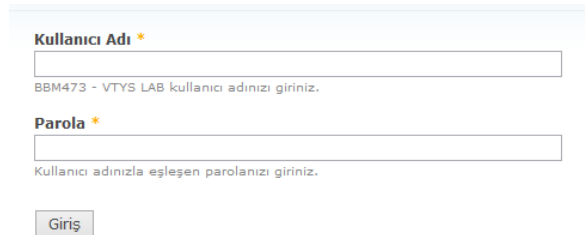
The aim of this phase is to create web application using your database.

### 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.

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

- User login screen

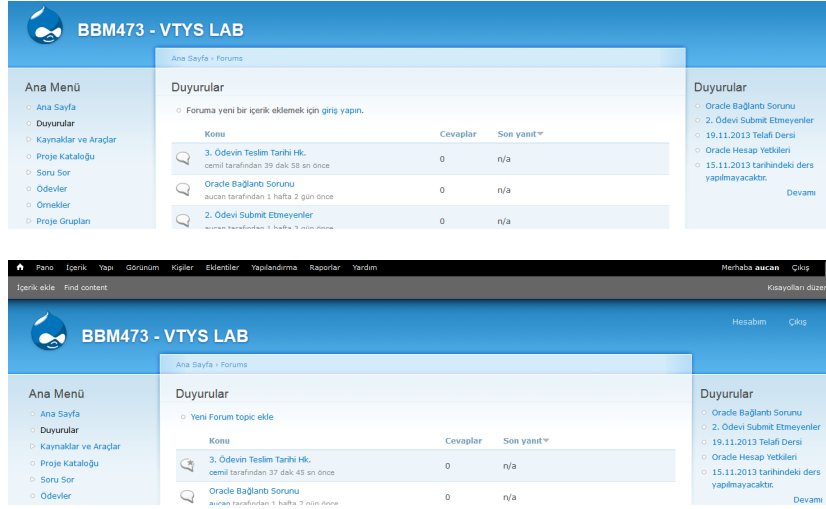


A mockup of a user login screen. It features two input fields: 'Kullanıcı Adı \*' (Username) and 'Parola \*' (Password). Below the username field is a hint: 'BBM473 - VTYS LAB kullanıcı adınızı giriniz.' Below the password field is a hint: 'Kullanıcı adınızla eşleşen parolanızı giriniz.' At the bottom is a 'Giriş' (Login) button.

- 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

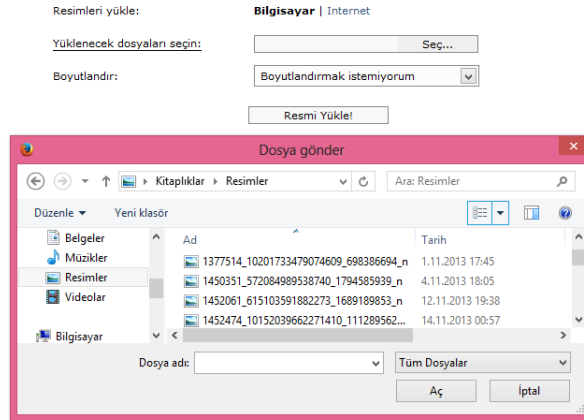
\* Gerekli

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.

<b>Yıl seçimi</b> 2012 2011 2010 2009 2008	
<b>Konu seçimi</b> <input checked="" type="radio"/> Yerleşim yeri nüfusları <input type="radio"/> Yaş grubu <input type="radio"/> Nüfusa kayıtlı olunan il <input type="radio"/> Medeni durum <input type="radio"/> Ülke içi göç	
<b>Yerleşim Yeri</b> <input type="radio"/> İBBS-Düzey1 nüfusları <input type="radio"/> İBBS-Düzey2 nüfusları <input checked="" type="radio"/> İl nüfusları <input type="radio"/> İlçe nüfusları <input type="radio"/> Şehir, belde ve köy nüfusları <input type="radio"/> Belediye nüfusları <input type="radio"/> Büyükşehir belediye nüfusları	
<b>İl</b> << Tüm iller >> Adana Adıyaman Afyonkarahisar Ağrı Amasya Ankara Antalya Artvin	
<b>Tablo formatı:</b>     	<b>Bilgi ve açıklamalar:</b>    
Not : Ulusal eğitim istatistiği <b>HTML</b> tabanına ulaşmak için tıklayınız	
Ekran Temizle	Raporu Oluştur

Yıl seçimi

2012

2011

2010

2009

2008

Konu seçimi

☒ Yerleşim yeri nüfusları

☐ Yaş grubu

☐ Nüfusa kayıtlı olunan il

☐ Medeni durum

☐ Ülke içi göç

Yerleşim Yeri

☐ İBBS-Düzey1 nüfusları

☐ İBBS-Düzey2 nüfusları

☒ İl nüfusları

☐ İlçe nüfusları

☐ Şehir, belde ve köy nüfusları

☐ Belediye nüfusları

☐ Büyükşehir belediye nüfusları

İl

<< Tüm iller >>

Adana

Adıyaman

Afyonkarahisar

Ağrı

Amasya

Ankara

Antalya

Arşın

Tablo formatı:

☐

☐

☐

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☐

Bilgi ve açıklamalar:

Not : Ulusal eğitim istatistikleri veri tabanına ulaşılabilmektedir.

PDF olarak kaydediniz

Ekran Temizle

Raporu Oluştur

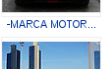

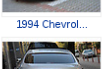

















- Statistics screens (At least 10 statistical query results, you must use mathematical SQL functions. Ex: avg, count, first, last, max, min, sum etc.)
- Processing History ( you must create a dashboard panel to show us users action history)

**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 Favorilere Kaydet](#)

**Tüm İlanlar**

**Sahibinden**

**Galeriden**



ContinentalGT


PIST PLAZADAN BENTLEY CONTINENTAL GT V12 DOĞUŞ ÇIKIŞLI HATASIZ

200770.000Siyah

€185.000

11 Nisan 2016

Gaziantepe Şehitkamil



ContinentalGT


2013 BENTLEY V12 MULLINER PAKET (SAHİBİNDEN)

201331.000Siyah

730.000 TL

09 Nisan 2016

İstanbul Sarıyer



ContinentalGT


SS MOTORS 2012 BENTLEY CONTINENTAL SUPERSPORT CONVERTIBLE - BAYI

201213.500Beyaz

€355.000

11 Nisan 2016

İstanbul Şişli



ContinentalGT


"AKH AUTO" 2012 BENTLEY CONTINENTAL GT MULLINER PAKET BOYASIZ

20128.000Lacvert

€244.000

10 Nisan 2016

İstanbul Bakırköy



ContinentalGT


"DOPUK MOTORS-2012 BENTLEY CONTINENTAL GT MULLINER PAKET V8

201222.000Beyaz

€248.000

08 Nisan 2016

İstanbul Beşiktaş



ContinentalGT


"ŞAMNU DAN 2012 BENTLEY CONTINENTAL GT V12 DOĞUŞ ÇIKIŞLI 3995 KM

20123.970Füme

€385.000

11 Nisan 2016

İstanbul Kadıköy



ContinentalGT


SE-BA MOTORS 2006 BENTLEY CONTINENTAL GT COUPE BAYI ÇIKIŞLI

200647.000Siyah

€150.000

01 Nisan 2016

İstanbul Bağcılar



ContinentalGT


"HOVA MOTORS" BENTLEY CONTINENTAL GT MULLINER KUSURSUZ

201211.000Beyaz

€235.000

05 Nisan 2016

İstanbul Beşiktaş



ContinentalFlying Spur

SCLASS 'dan BENTLEY CONTINENTAL FLYING SPUR 560 HP DOĞUŞ ÇIKIŞLI

201219.000Siyah

€295.000

07 Nisan 2016

İstanbul Kadıköy

**Vasita**

**Otomobil**

**Bentley**

**Amage (2)**

**Continental (97)**

**Mulsanne (4)**

**Adres**

Türkiye

İl

İlçe

**Fiyat**

TLUSD EUR GBP

min TLmax TL

**Yıl**

minmax

**Yakıt**

☐ Benzin

☐ Benzin & LPG

☐ Dizel

☐ Hybrid

**Vites**

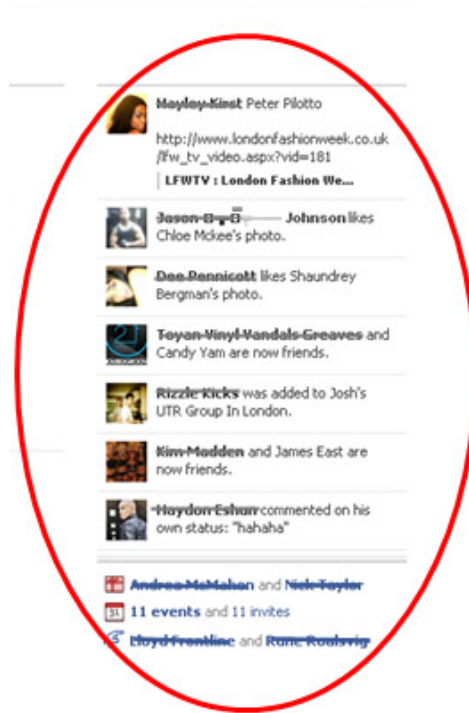
☐ Manuel

☐ Yan Otomatik

☐ Otomatik

in time order. Last 10 records must be kept.)

4



## 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 be accepted until 3 days after the deadline. And it will be graded with a penalty.
- Save all your work until the assignment is graded.
- The assignment must be original, **individual** work. **Duplicate or very similar assignments are both going to be considered as cheating.**
- You can ask your questions via e-mail (*ahmetalkilinc*, *abtasdemir[at]cs.hacettepe.edu.tr*) or Piazza.
- Report language must be in **English**.
- You will submit your work from <https://evdekal.hacettepe.edu.tr> with the file hierarchy as above.

- You must submit **source codes** and **executable files**.
- You will present your project demo in class, it is not included in this assignment. The details for the presentation will be announced later.