

Database Management Systems Laboratory Experiments Phase 4

Subject : Develop your desktop database management module

Submission Date : 27.04.2017

Due Date : 25.05.2017 09:00

Advisor : Res. Assist. (Alaettin UÇAN, Cemil ZALLUHOĞLU)

Introduction:

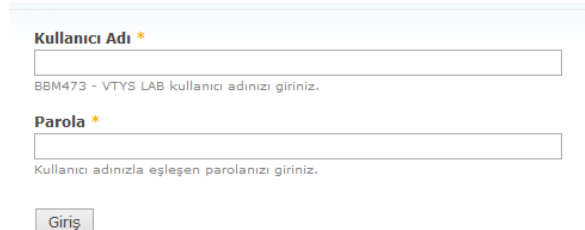
The aim of this phase is to create web application using your database.

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

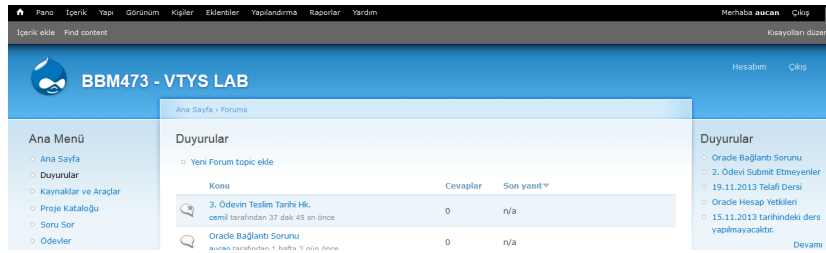


A user login form with two input fields. The first field is labeled 'Kullanıcı Adı *' (Username) and has a hint 'BBM473 - VTYS LAB kullanıcı adınızı giriniz.' (Enter your BBM473 - VTYS LAB username). The second field is labeled 'Parola *' (Password) and has a hint 'Kullanıcı adınızla eşleşen parolanızı giriniz.' (Enter your password matching your username). Below the fields 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

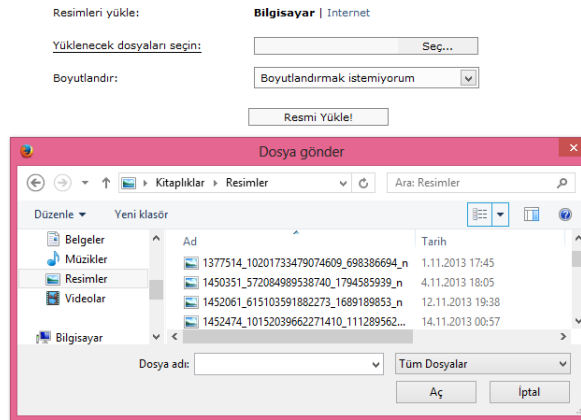
* Gerekli

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)

The screenshot shows a web application interface with the following sections:

- Yıl seçimi**: A dropdown menu with years 2012, 2011, 2010, 2009, and 2008. 2012 is selected.
- Konu seçimi**: Radio buttons for **Yerleşim yeri nüfusları** (selected), Yaş grubu, Nüfusa kayıtlı olunan il, Medeni durum, and Ülke içi göç.
- Yerleşim Yeri**: Radio buttons for İBBS-Düzey1 nüfusları, İBBS-Düzey2 nüfusları, **İl nüfusları** (selected), İlçe nüfusları, Şehir, belde ve köy nüfusları, Belediye nüfusları, and Büyükşehir belediye nüfusları.
- İl**: A dropdown menu with "<< Tüm iller >>" and various Turkish provinces. Adana is selected.
- Tablo formatı:** Icons for different output formats: HTML (selected), PDF, and others.
- Bilgi ve açıklamalar:** A section with icons for help, documentation, and other resources.
- Not :** "Ulusal eğitim istatistikleri veritabanına ulaşmak için tıklayınız".
- Buttons:** "Ekran Temizle" and "Raporu Oluştur".

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

This screenshot is identical to the previous one, but with the following differences:

- Tablo formatı:** The PDF icon is now selected, and the HTML icon is deselected.
- Not :** The text now says "Ulusal eğitim istatistikleri veritabanına ulaşmak için tıklayınız".

- At least 3 filtered page.

The image shows a car listing website. The top section displays a grid of car images with labels like 'MARKAJ 2016 ...', '320D M SPORT...', '8 500 KM SIF...', and 'AND MOTORS 2...'. Below this, there's a section titled 'Otomobil Vitrini' with more car images and labels like 'Sahibinden T...', 'BERLINETTA M...', '320i ED 40.Y...', 'Yeni Kasa Ka...', 'SAHIBINDEN 2...', 'ACİL SAHIBIN...', '0 KM DE 2015...', '1994 Chevrol...', 'TÜRKİYEDE TE...', and '-MARCA MOTOR...'. The bottom section shows a search results page for 'Bentley Otomobil' with 73 results. The page includes filters for 'Vasita', 'Adres', 'Fiyat', 'Yıl', 'Yakit', and 'Vites'. The main table lists car details such as 'Seri', 'Model', 'İlan Başlığı', 'Yıl', 'Km', 'Renk', 'Fiyat', 'İlan Tarihi', and 'İl / İlçe'.

Seri	Model	İlan Başlığı	Yıl	Km	Renk	Fiyat	İlan Tarihi	İl / İlçe
Continental	GT	PİST 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 (SAHIBINDEN)	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	"KİTİ 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 Kağıthane
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	"HİVA MOTORS" BENTLEY CONTINENTAL GT MULLINER KUSURSUZ	2012	11.000	Beyaz	€ 235.000	05 Nisan 2016	İstanbul Beşiktaş
Continental	Flying Spur	SCLASS Yanan BENTLEY CONTINENTAL FLYING SPUR 560 HP DOĞUŞ ÇIKIŞLI	2012	19.000	Siyah	€ 295.000	07 Nisan 2016	İstanbul Kağıthane

- 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.)



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 (*aucan,cemil[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.