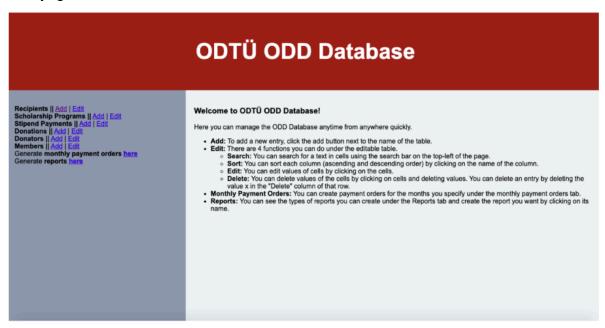# Database Management Application Design for ODTÜ ODD (2022) - Serenay A.
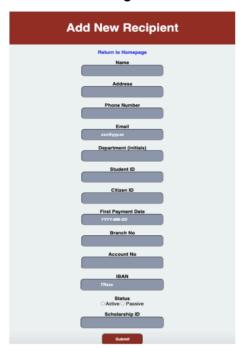
A web-based application including form-based user interfaces to support data storage and retrieval activities of ODTÜ ODD is created by using Python and queries written in SQL.
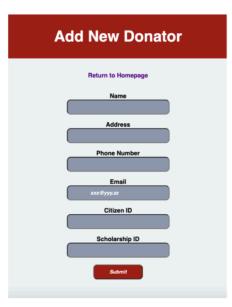
The application accesses the database and does operations depending on the users' requests. Additionally, according to the user inputs, it generates five reports in different formats, such as .csv and .txt files.
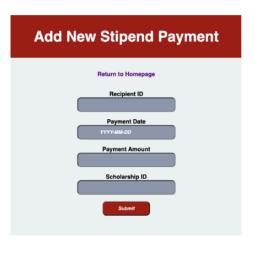
Homepage:

Data Adding:

Results and Warnings from Add Data Process:

Table Editing:

Donations Table
You can search, sort, edit and delete cells using this page.

Return to Homepage

Donation ID	Amount Received	Donator ID	Payment Date	Scholarship ID	Delete
100001	300.00	1	Wed, 01 Jan 2014 00:00:00 GMT	19042011	x
100002	200.00	27	Thu, 02 Jan 2014 00:00:00 GMT	16021995	x
100003	400.00	24	Mon, 20 Jan 2014 00:00:00 GMT	19042011	x
100004	200.00	3	Sun, 02 Feb 2014 00:00:00 GMT	19042011	x
100005	500.00	22	Fri, 07 Feb 2014 00:00:00 GMT	19042011	x
100006	200.00	22	Mon, 10 Feb 2014 00:00:00 GMT	19042011	x
100007	500.00	20	Wed, 26 Feb 2014 00:00:00 GMT	16021995	x
100008	100.00	4	Mon, 03 Mar 2014 00:00:00 GMT	16021995	x
100009	100.00	12	Tue, 04 Mar 2014 00:00:00 GMT	19042011	x
100010	300.00	1	Fri, 04 Apr 2014 00:00:00 GMT	19042011	x

Showing 1 to 10 of 401 results

Previous 1 2 3 ... 41 Next

Report Generating:

Transaction Date

dd.mm.yyyy

June 2022 ▾   ↑   ↓

M	T	W	T	F	S	S
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3
4	5	6	7	8	9	10

Clear   Today

Generate Monthly Payment Order
You can create a txt file for monthly payment orders by filling the boxes here. First use the submit button to save your input, then use the download button.

Return to Homepage

Success !

Month to be Queried
2

Bank Customer Number
4816479

Customer Title
ODTÜ ODD

Customer IBAN
TR999999999999

Currency
TRY

Transaction Date
01.01.2020

Transaction Time
12:30

Transaction Type
HAVALE

Customer Address
ODTÜ Endüstri Mühendisliği

City Code
006

Payment Order File Folder
C:\Users\ekinn\Desktop

Submit   Download CSV File

payments (1).txt - Not Defteri

Dosya Düzen Biçim Görünüm Yardım

```
BTR99999999999TRY0120211230HODTÜ ODD0000048164790060DTÜ Endüstri Mühendisliği
D011111111140TR11111111111111111111111140250.00Mert Celimli          ODTÜ ODD Bursu        934116921CÖğrenci          010919
D011111111117TR11111111111111111111111117250.00Anil Alpay            ODTÜ ODD Bursu        932133739CÖğrenci          010919
D011111111122TR11111111111111111111111122250.00Kenan Aybars Atilgan  ODTÜ ODD Bursu        458411511CÖğrenci          010919
D011111111124TR11111111111111111111111124250.00Gulcan Ayaz           ODTÜ ODD Bursu        662170065CÖğrenci          010919
D011111111126TR11111111111111111111111126250.00Ibrahim Aydin         ODTÜ ODD Bursu        880341395CÖğrenci          010919
D011111111132TR11111111111111111111111132250.00Sami Bicer            ODTÜ ODD Bursu        417012628CÖğrenci          010919
D011111111142TR11111111111111111111111142250.00Anilcan Cengiz        ODTÜ ODD Bursu        376715513CÖğrenci          010919
D011111111137TR11111111111111111111111137250.00Suleyman Can Caglar   ODTÜ ODD Bursu        940120340CÖğrenci          010919
D011111111149TR11111111111111111111111149250.00Omer Furkan Demirci   ODTÜ ODD Bursu        440953268CÖğrenci          010919
D011111111152TR11111111111111111111111152250.00Burak Mustafa Dogan   ODTÜ ODD Bursu        491096363CÖğrenci          010919
D011111111163TR11111111111111111111111163250.00Busra Gultepe         ODTÜ ODD Bursu        774459765CÖğrenci          010919
D011111111166TR11111111111111111111111166250.00Mehmet Ali Guven      ODTÜ ODD Bursu        758003537CÖğrenci          010919
D011111111136TR11111111111111111111111136250.00Pinar Bulut           ODTÜ ODD Bursu        110368905CÖğrenci          010920
D011111111146TR11111111111111111111111146250.00Yalcin Kaan Dagdelen  ODTÜ ODD Bursu        476869283CÖğrenci          010920
D011111111147TR11111111111111111111111147250.00Ege Demir             ODTÜ ODD Bursu        917344987CÖğrenci          010920
D011111111154TR11111111111111111111111154250.00Gokce Duran           ODTÜ ODD Bursu        932352521CÖğrenci          010920
D011111111186TR11111111111111111111111186250.00Gorkem Kocamaz        ODTÜ ODD Bursu        597175035CÖğrenci          010920
D011111111193TR11111111111111111111111193250.00Uygar Modali          ODTÜ ODD Bursu        900101239CÖğrenci          010920
T0004300000022250.00
```

Reports Menu

Choose which report you want to generate by clicking on its button.

Return to Homepage

Total monthly scholarship payments for a selected time period and selected scholarship program

Total monthly donations received for a selected time period and selected scholarship programs

The number of scholarship recipients for each month in a selected time period

The total number of scholarship recipients in each department for the current time period.

Donators and the amount each donator paid in a time period and scholarship program

Total Monthly Scholarship Report

Return to Homepage || **Return to Reports Menu**

Total monthly scholarship payments for a selected time period and selected scholarship program.
You can select all scholarship programs.
The report also gives the sum of scholarship payments for the selected time period.

Current Scholarship Programs
☐ Ömer Saatçioğlu Bursu

☐ Halim Doğrusöz Bursu

☐ ODTÜ ODD Bursu

☐ Ahmet Acar Bursu

☐ Kemal Kurdaş Bursu

Beginning Date (DD.MM.YYYY)
[dd.mm.yyyy]

End Date (DD.MM.YYYY)
[dd.mm.yyyy]

Submit

Download CSV File

	A	B	C
1	Year,Month,Payment		
2	2021,1,18100.0		
3	2021,2,18100.0		
4	2021,3,18100.0		
5	2021,4,18100.0		
6	2021,5,18100.0		
7	2021,6,18100.0		
8	2021,7,18100.0		
9	2021,8,18100.0		
10	2021,9,18100.0		
11	2021,10,18100.0		
12	2021,11,18100.0		
13	2021,12,17550.0		
14	2022,1,17550.0		
15			
16			
17			

Mobile Interface: