CPSC 332-04 Project Report

Remastered by LucasArts

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Files

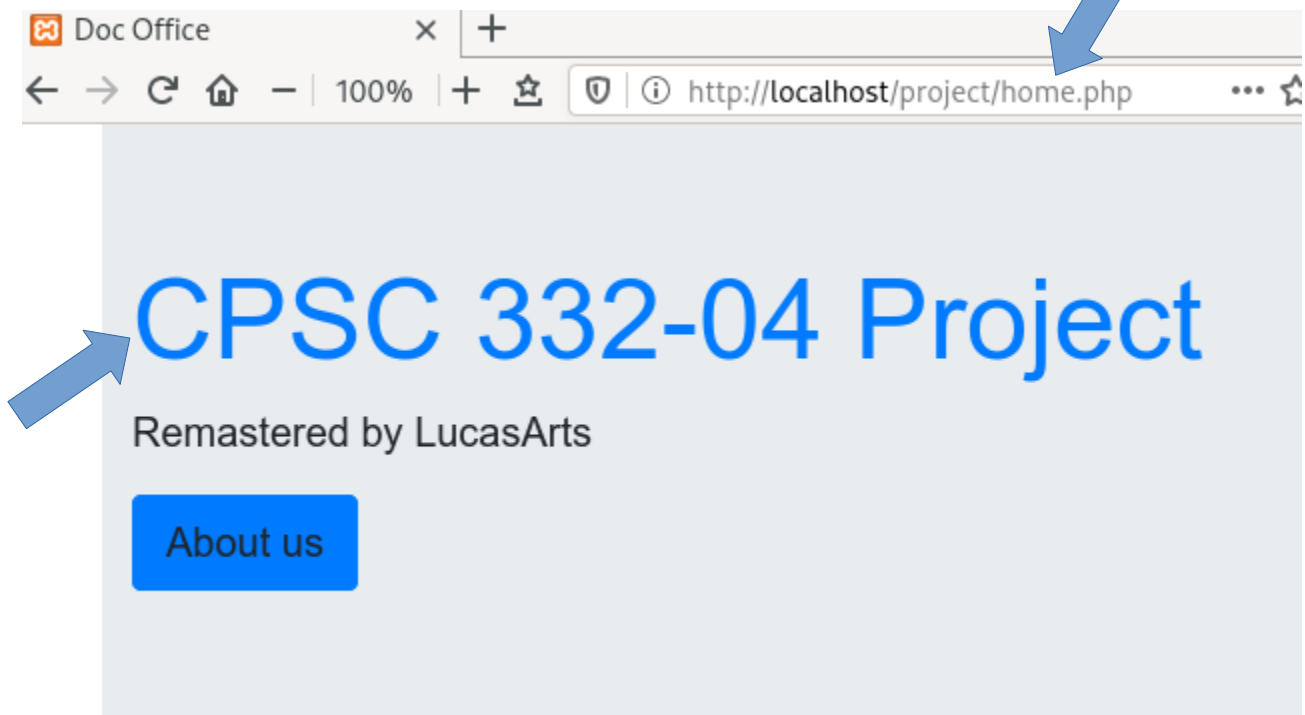| Filename	Description
home.php	Starting page. Executes the queries necessary to create, define, and insert values for DocOffice database. Please start from this page!
starter.sql	Executed by home.php. Contains all the SQL statements necessary for setting up the database.
header.php	Page fragment included by other pages to display the header, buttons, etc.
connection.txt	Contains connection info for the database. Enter your database credentials to this file.
1.php 2.php 3.php … 7.php	Pages to be viewed for grading. Each page number corresponds to the problem number as outlined in the project specification.
1.sql 2.sql 3.sql … 6.sql	SQL statements for their respectively numbered pages. Each are executed by the corresponding pages.
backup.sql	Script executed by 7.php. Responsible for writing the database backup to /tmp/DocOffice.bak.
extracred.php	Extra credit portion to be viewed for grading.
extracred.sql	Executed by extracred.php.
about.php	A simple page displaying group info.
README.pdf	This report.

Setup:

First, open up `connection.txt` and enter your database credentials:

```php
1 <?php
2     $servername="127.0.0.1";
3     $dbname="DocOffice";
4     $port=3306;
5     $username="root";
6     $password="my voice is my passport, verify me";
7 ?>
```
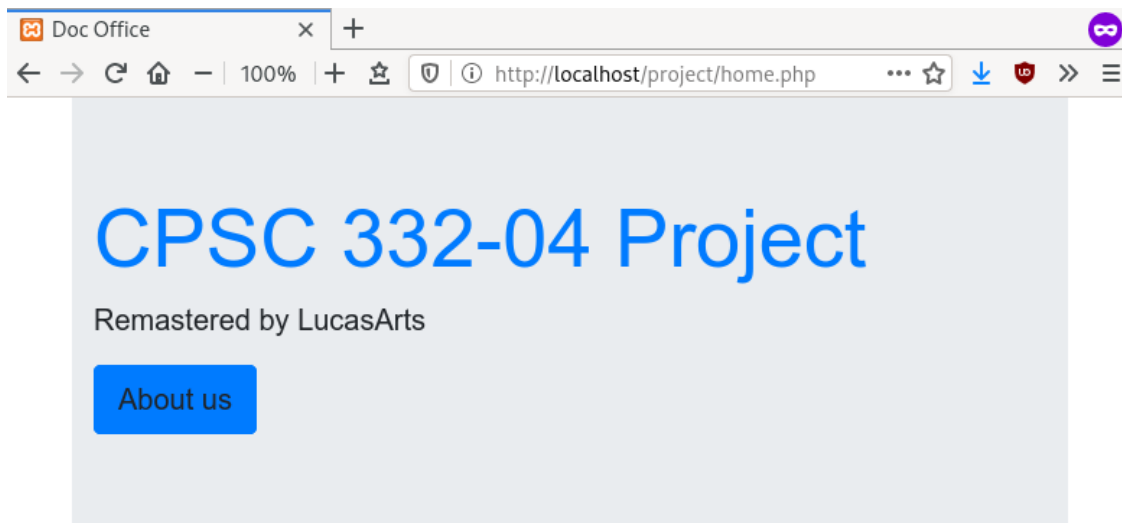
```
V...    connection.txt[+]          tex...   7W   85% ≡    6/7  : 16
-- VISUAL --                                           34
```

To run the project, navigate to *home.php* or click on the title link.

```
Doc Office                    ×    +
←  →  C  ⌂  −  100%  +  ☆  🛡  ⓘ  http://localhost/project/home.php    ···  ☆
```

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About us

home.php

This page runs the queries necessary to build the database and insert some initial values (starter.sql). <mark>This page, in effect, resets the state of the database to match *starter.sql*'s definitions.</mark>
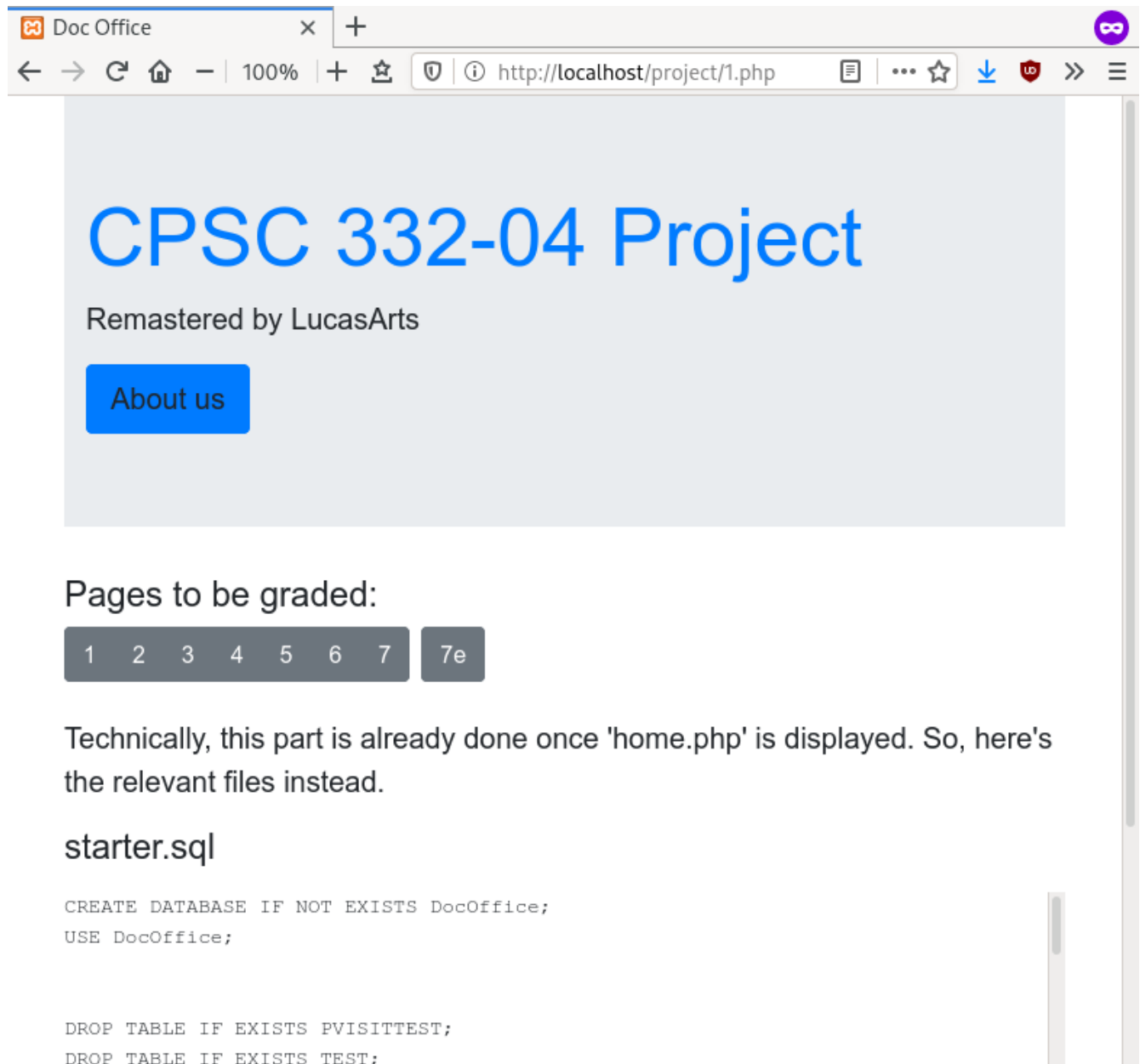
Part 1

The database is already built when *home.php* is run, so this page merely displays the contents of *starter.sql*.

Part 2

This page displays all of Dr. Stevens's patients.

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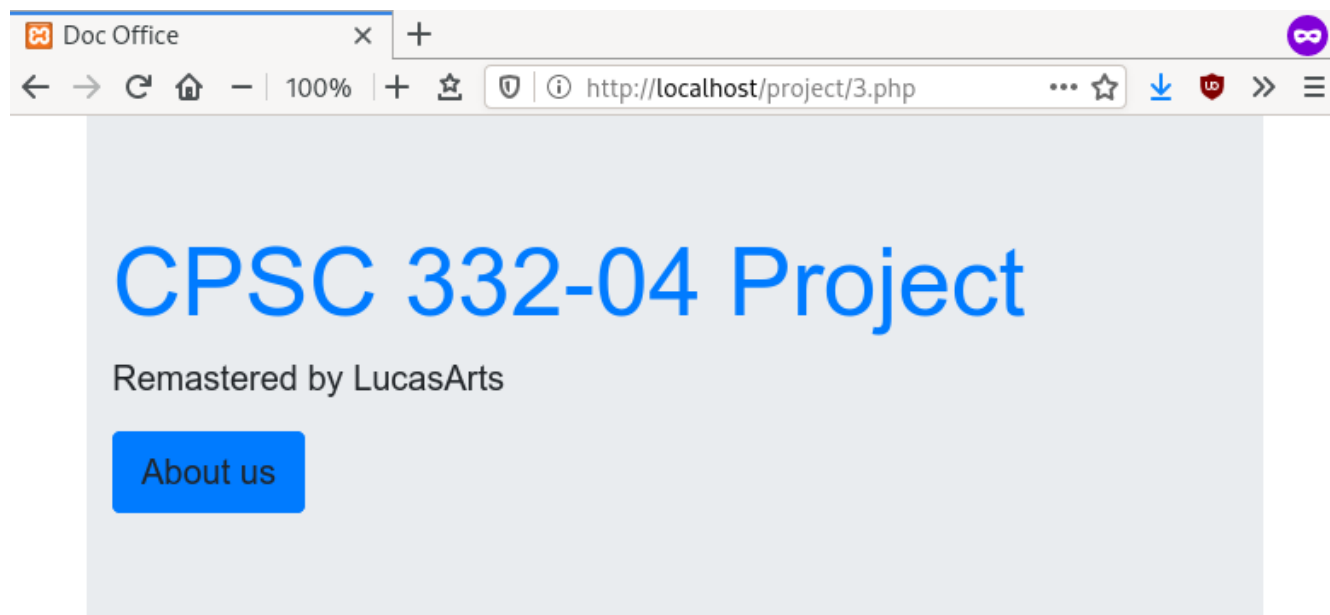
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About us

Pages to be graded:

1 2 3 4 5 6 7   7e
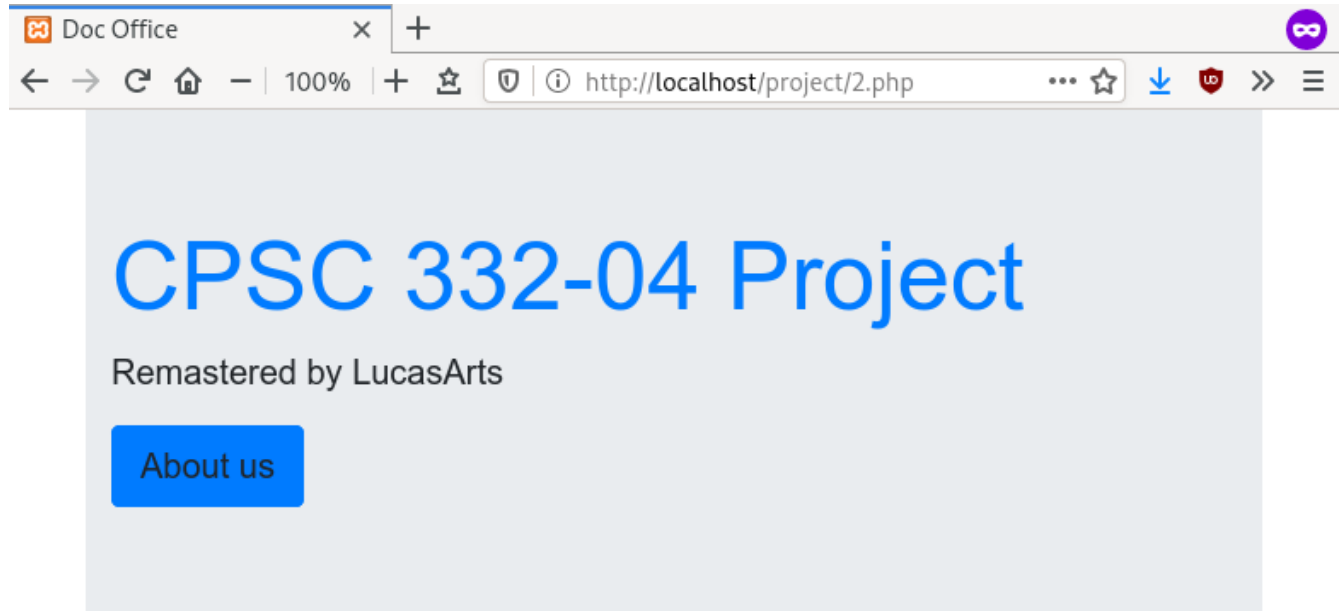
Dr. Robert's patients:

First name	Phone number
Mark	9493334444

Part 3

This page lists all the doctors responsible for prescribing Vicodin.

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About us

Pages to be graded:

1 2 3 4 5 6 7   7e

Doctor's that gave out prescriptions for vicodin:

First name	Last name
Leorge	Gucas

Part 4

This page lists all doctors with specialties in *something*. Doctors without specialties won't show up here.
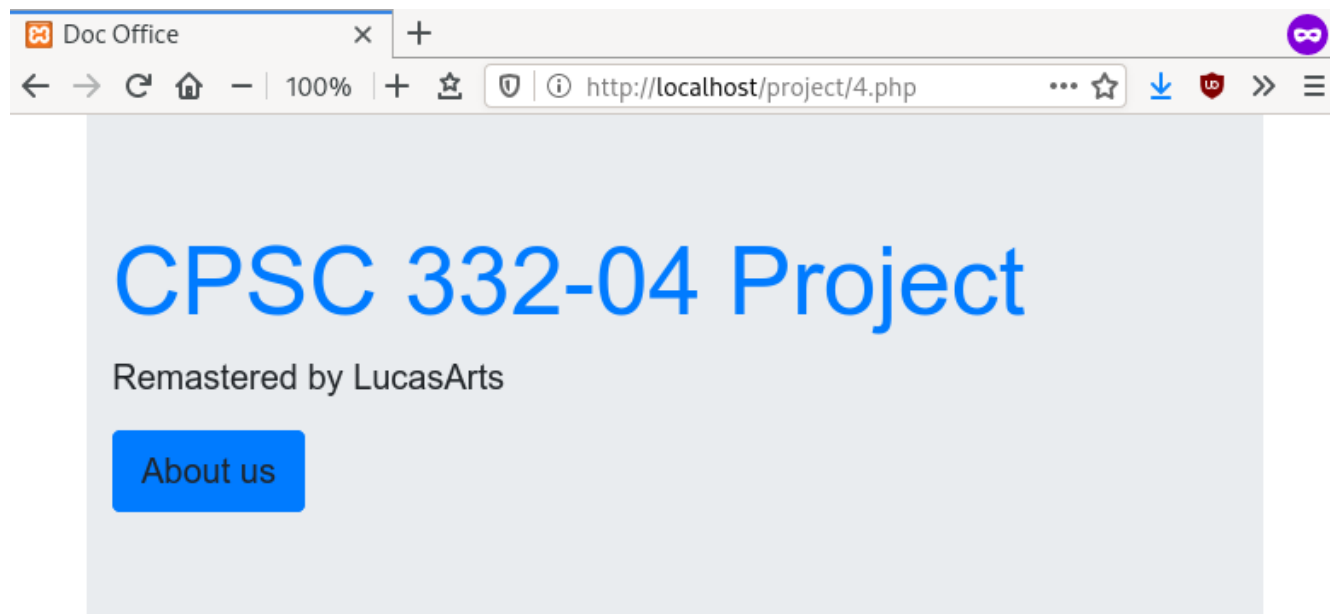
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About us

Pages to be graded:

1 2 3 4 5 6 7   7e

Doctors and their specialty's :

First name	Last name	Specialty name
Arnold	Shirtsnegotiator	Dermatology
Sordid	Snake	Orthopedics

Part 5

This page modifies the VIEW used in the previous page. All doctors, regardless of specialties, are listed here.

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About us

Pages to be graded:

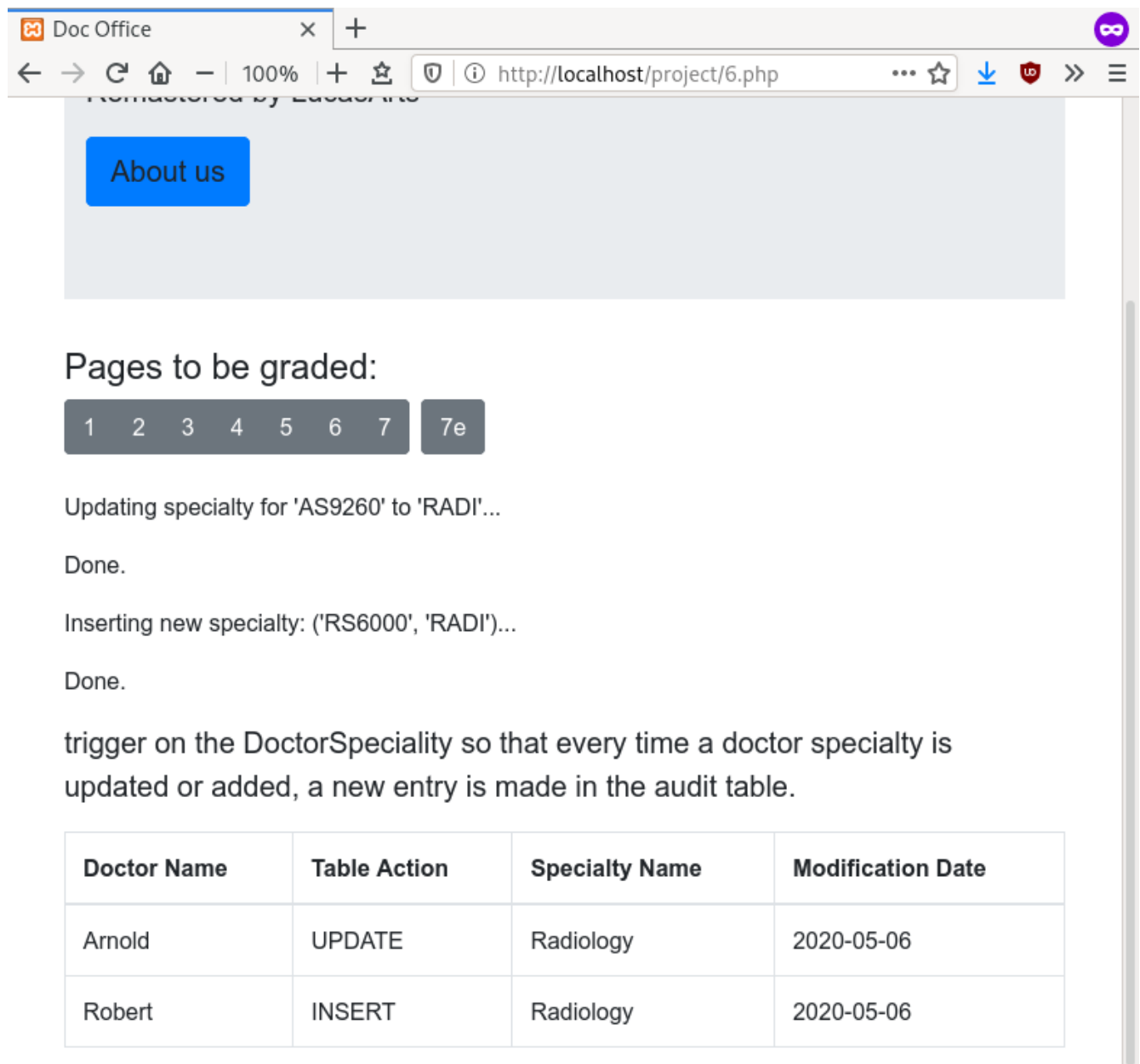1 2 3 4 5 6 7 | 7e

Doctors and their specialty's :

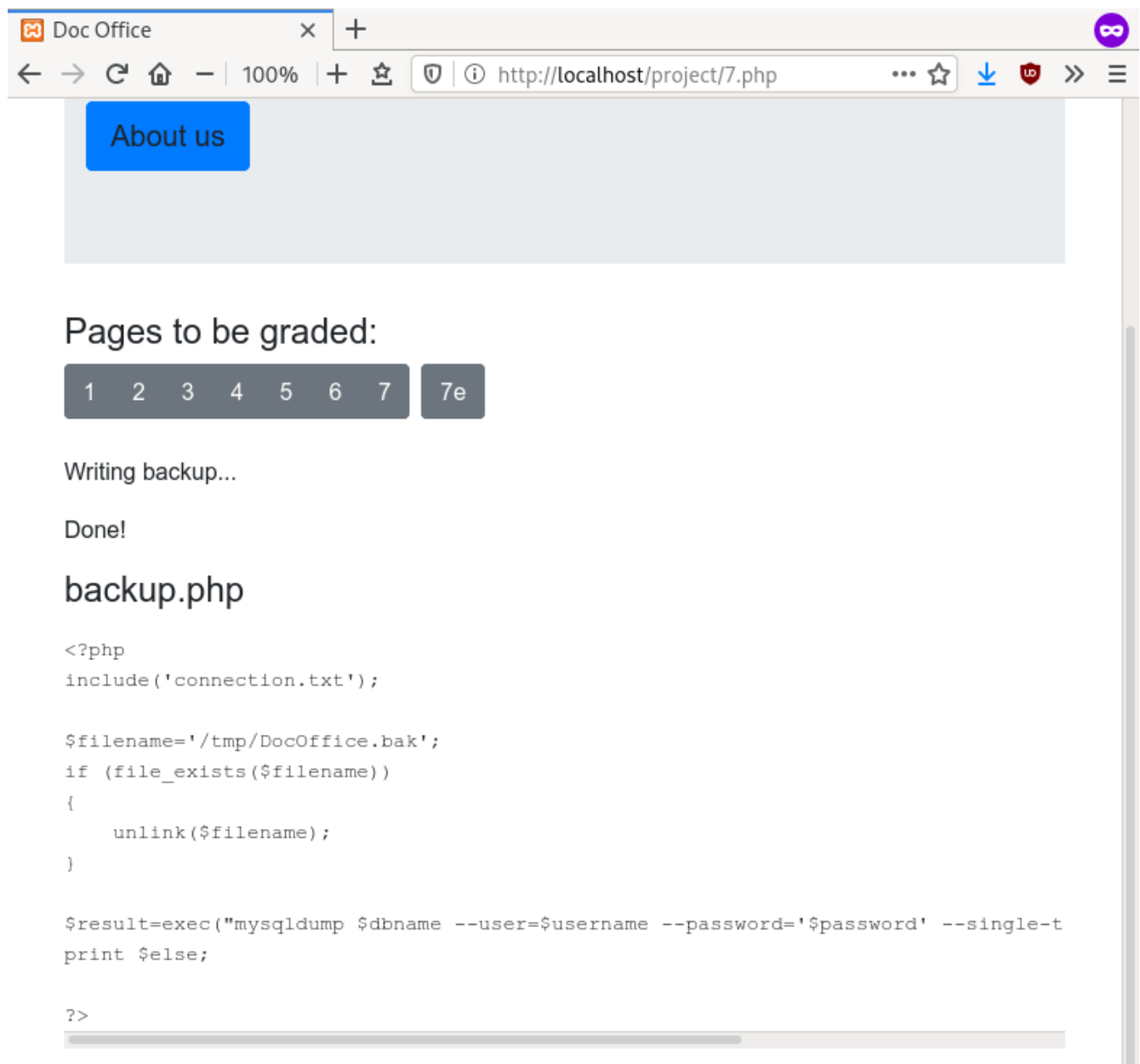| First name	Last name	Specialty name
Arnold	Shirtsnegotiator	Dermatology
Leorge	Gucas	
Robert	Stevens	
Sordid	Snake	Orthopedics

Part 6

This page does a few things:

- Create new triggers for INSERT/UPDATE actions against the DoctorSpecialty table
- Insert/modify entries to the DoctorSpecialty table to spring the trigger

The resulting AUDIT table is then displayed.

Pages to be graded:

`1  2  3  4  5  6  7     7e`

Updating specialty for 'AS9260' to 'RADI'...

Done.

Inserting new specialty: ('RS6000', 'RADI')...

Done.

trigger on the DoctorSpeciality so that every time a doctor specialty is updated or added, a new entry is made in the audit table.

Doctor Name	Table Action	Specialty Name	Modification Date
Arnold	UPDATE	Radiology	2020-05-06
Robert	INSERT	Radiology	2020-05-06

Part 7

This page executes the script (*backup.php*) that saves a database backup to
`/tmp/DocOffice.bak` file.

Pages to be graded:

1 2 3 4 5 6 7 | 7e

Writing backup...

Done!

backup.php

```php
<?php
include('connection.txt');

$filename='/tmp/DocOffice.bak';
if (file_exists($filename))
{
    unlink($filename);
}

$result=exec("mysqldump $dbname --user=$username --password='$password' --single-t
print $else;

?>
```

Extra Credit

This page displays the number of patients in Fullerton who received a particular prescription. For example, if a patient was prescribed 'Raspirin' for every visit they made to the office, they would only count as 1 towards the total.
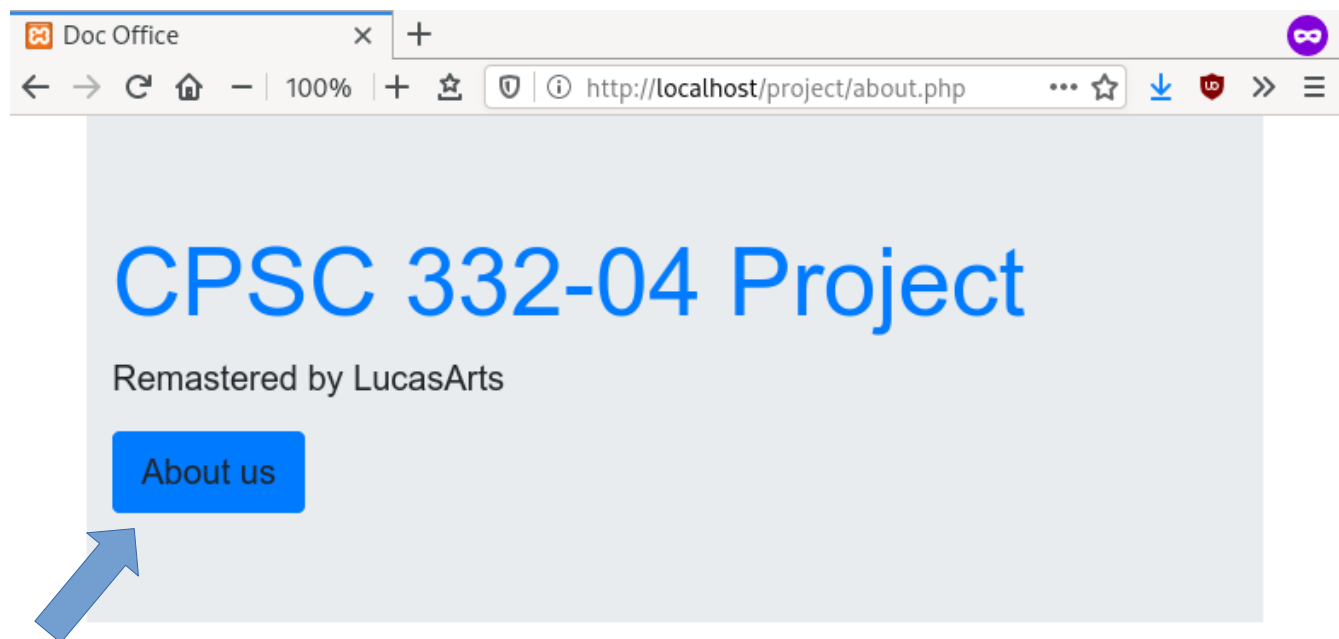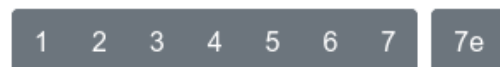

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About us

Pages to be graded:

1 2 3 4 5 6 7 7e
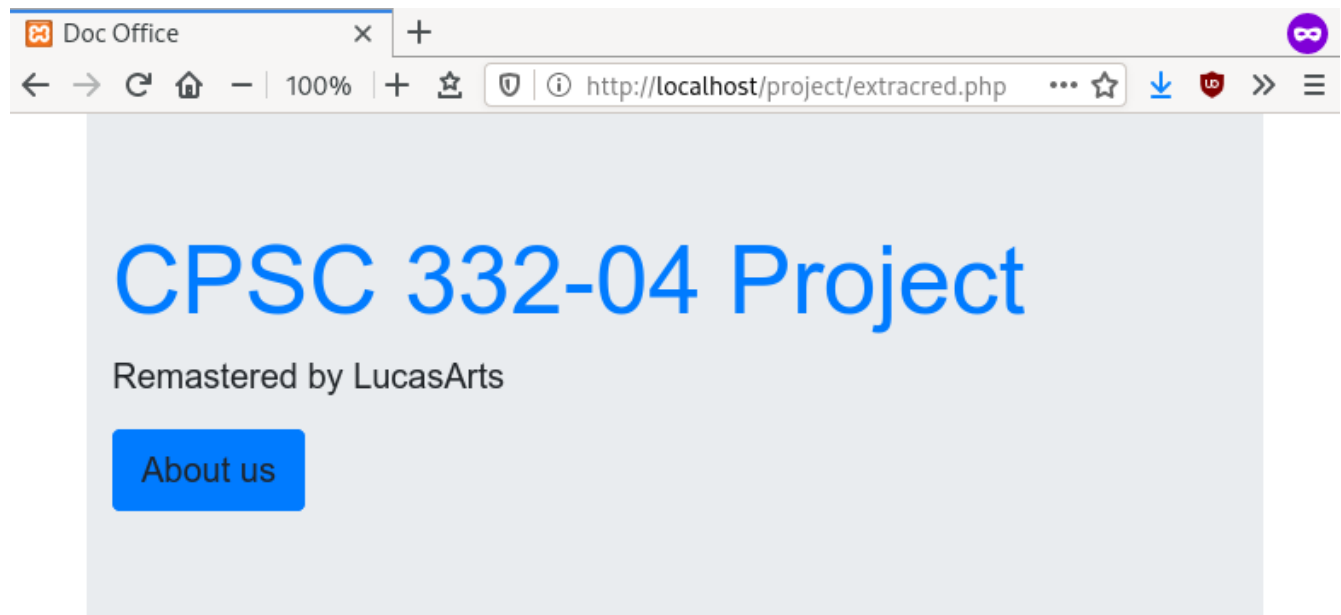
# of patients	Prescription
2	Raspirin
1	Snake Oil Plus
1	Hydroethanylvodkasium

Group Info

Click on the 'About us' button to learn more about the incredible geniuses behind this project.