# ПРИЛОЖЕНИЕ A. СКРИПТ РАЗВЕРТЫВАНИЯ «ОБЛАЧНОЙ» БАЗЫ ДАННЫХ MYSQL

USE sql38\_16;

SET FOREIGN\_KEY\_CHECKS = 0;

DROP TABLE IF EXISTS Brand;

DROP TABLE IF EXISTS Material;

DROP TABLE IF EXISTS Operating\_mode;

DROP TABLE IF EXISTS Washdisher;

SET FOREIGN\_KEY\_CHECKS = 1;

CREATE TABLE Brand (

Brand\_id INT(5),

Brand\_Name VARCHAR(20),

image VARCHAR (10),

PRIMARY KEY (Brand\_id)

);

CREATE TABLE Material (

Material\_id INT(5),

Material\_name VARCHAR(15),

image VARCHAR (10),

PRIMARY KEY (Material\_id)

);

CREATE TABLE Operating\_mode (

Operating\_mode\_id INT(5),

Operating\_mode\_name VARCHAR(15),

image VARCHAR (10),

PRIMARY KEY (Operating\_mode\_id)

);

CREATE TABLE Washdisher (

Name VARCHAR(100),

D\_brand INT(5),

Operating\_mode INT(5),

Material INT(5),

INDEX(Name),

image VARCHAR (10),

PRIMARY KEY (Name),

FOREIGN KEY (D\_brand) REFERENCES Brand (Brand\_id),

FOREIGN KEY (Operating\_mode) REFERENCES Material (Material\_id),

FOREIGN KEY (Material) REFERENCES Operating\_mode (Operating\_mode\_id)

);

INSERT INTO Brand (Brand\_id, Brand\_Name,image)

VALUES (0, 'Fenix',null),

(1, 'Surefire',null),

(2, 'Eagletac',null),

(3, 'Olight',null),

(4, 'LED Lenser',null);

INSERT INTO Material (Material\_id, Material\_Name,image)

VALUES (0, 'Steel',null),

(1, 'Plastic',null),

(2, 'Metal',null);

INSERT INTO Operating\_mode (Operating\_mode\_id, Operating\_mode\_Name,image) VALUES (0, 'Forehead',null),

(1, 'Tactical',null),

(2, 'Universal',null),

(3, 'Tourist',null);

INSERT INTO Washdisher (Name, D\_brand, Operating\_mode, Material,image)

VALUES ('Fenix E02R', 0, 2, 3,null),

('FENIX E28R', 0, 2, 1,null),

('STILETTO® PRO', 1, 2, 2,null),

('G2Z MAXVISION COMBAT LIGHT', 1, 0, 2,null),

('DX3B Clicky Pro', 2, 1, 3,null),

('SX30L2-R Mark II Pro', 2, 0, 1,null),

('S10 Baton', 3, 2, 0,null),

('Perun Mini Kit Desert Camouflage', 3, 0, 1,null),

('H15R Work', 4, 2, 2,null),

('IF4R Music 502172', 4, 1, 3,null);

SELECT \* FROM Washdisher;

SELECT \* FROM Brand;

SELECT \* FROM Material;

SELECT \* FROM Operating\_mode;

SELECT Name AS 'Наименование',

br.Brand\_Name AS 'Бренд',

wd.Material\_Name AS 'Материал',

pr.Operating\_mode\_name AS 'Вид лампы'

FROM Washdisher AS t

INNER JOIN Brand AS br ON

br.Brand\_id = t.D\_brand

INNER JOIN Material AS wd ON

wd.Material\_id =t.Operating\_mode

INNER JOIN Operating\_mode as pr ON

pr.Operating\_mode\_id =t.Material;

# ПРИЛОЖЕНИЕ B. КОД ОТОБРАЖЕНИЯ ПЕРЕЧНЯ ОСНОВНЫХ ТАБЛИЦ И ИХ СОДЕРЖАНИЯ С ПОМОЩЬЮ PHP

**Приложение B. Код отображения перечня основных таблиц и их содержания с помощью PHP**

**load\_index.php**

<form method="post">

<input type="radio" name="variant" value="br" /> Бренды светодиодные фонари <br />

<input type="radio" name="variant" value="mt" /> Материалы фонариков<br />

<input type="radio" name="variant" value="om" /> Режим работы<br />

<input type="radio" name="variant" value="wd" /> Итоговая таблица<br />

<input type="submit" />

</form>

<?php

if( isset( $\_POST['variant'] ) )

{

switch( $\_POST['variant'] )

{

case 'br':

echo 'Таблица бреднов! [Фонарики]';

include('./load\_br.php');

break;

case 'mt':

echo 'Таблица материалов) [Фонариков]';

include('./load\_mt.php');

break;

case 'om':

echo 'Таблица режимов работы) [Фонариков]';

include('./load\_om.php');

break;

case 'wd':

echo 'Итоговая таблица) [Фонариков и их характеристики]';

include('./load\_wd.php');

break;

}

}

else

{

echo 'Вариант не выбран!!((';

}

?>

**load\_br.php**

<?php

$host= "db4free.net";

$user= "maleckiu";

$pass= "199055199055";

$db= "sql38\_16";

$conn = mysqli\_connect($host, $user, $pass, $db)

or die("Ошибка " . mysqli\_error($conn));

$query="SELECT Brand\_id,Brand\_Name FROM Brand";

$res= mysqli\_query($conn,$query);

$result = mysqli\_query($conn, $query) or die("Error" . mysqli\_error($conn));

if($result)

{

$rows=mysqli\_num\_rows($result);

echo"<table><tr><th> Brand\_id </th><th> Brand\_Name </th></tr>";

while($row=mysqli\_fetch\_row($result))

{

echo "<tr>";

for($i=0;$i<2;$i++)

echo "<td> $row[$i] </td>";

echo "</tr>";

}

echo "</table>";

}

else

{

echo "подключение к базе данных не выполнено!!";

}

mysqli\_close($conn);

?>

**load\_mt.php**

<?php

$host= "db4free.net";

$user= "maleckiu";

$pass= "199055199055";

$db= "sql38\_16";

$conn = mysqli\_connect($host, $user, $pass, $db)

or die("Ошибка " . mysqli\_error($conn));

$query="SELECT Material\_id,Material\_Name FROM Material";

$res= mysqli\_query($conn,$query);

$result = mysqli\_query($conn, $query) or die("Error" . mysqli\_error($conn));

if($result)

{

$rows=mysqli\_num\_rows($result);

echo"<table><tr><th> Material\_id </th><th> Material\_Name </th></tr>";

while($row=mysqli\_fetch\_row($result))

{

echo "<tr>";

for($i=0;$i<2;$i++)

echo "<td> $row[$i] </td>";

echo "</tr>";

}

echo "</table>";

}

else

{

echo "подключение к базе данных не выполнено!!";

}

mysqli\_close($conn);

?>

**load\_om.php**

<?php

$host= "db4free.net";

$user= "maleckiu";

$pass= "199055199055";

$db= "sql38\_16";

$conn = mysqli\_connect($host, $user, $pass, $db)

or die("Ошибка " . mysqli\_error($conn));

$query="SELECT Operating\_mode\_id, Operating\_mode\_name FROM Operating\_mode";

$res= mysqli\_query($conn,$query);

$result = mysqli\_query($conn, $query) or die("Error" . mysqli\_error($conn));

if($result)

{

$rows=mysqli\_num\_rows($result);

echo"<table><tr><th> Operating\_mode\_id </th><th>Operating\_mode\_name </th></tr>";

while($row=mysqli\_fetch\_row($result))

{

echo "<tr>";

for($i=0;$i<2;$i++)

echo "<td> $row[$i] </td>";

echo "</tr>";

}

echo "</table>";

}

else

{

echo "подключение к базе данных не выполнено!!";

}

mysqli\_close($conn);

?>

**load\_wd.php**

<?php

$host= "db4free.net";

$user= "maleckiu";

$pass= "199055199055";

$db= "sql38\_16";

$conn = mysqli\_connect($host, $user, $pass, $db)

or die("Ошибка " . mysqli\_error($conn));

$query="SELECT \* FROM Washdisher";

$res= mysqli\_query($conn,$query);

$result = mysqli\_query($conn, $query) or die("Error" . mysqli\_error($conn));

if($result)

{

$rows=mysqli\_num\_rows($result);

echo"<table><tr><th>Name </th><th>D\_brand</th><th>Operating\_mode</th><th>Material </th></tr>";

while($row=mysqli\_fetch\_row($result))

{

echo "<tr>";

for($i=0;$i<4;$i++)

echo "<td> $row[$i] </td>";

echo "</tr>";

}

echo "</table>";

}

else

{

echo "подключение к базе данных не выполнено!!";

}

mysqli\_close($conn);

?>