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

USE sql38\_14;

SET FOREIGN\_KEY\_CHECKS = 0;

DROP TABLE IF EXISTS TypeF;

DROP TABLE IF EXISTS Brightness;

DROP TABLE IF EXISTS Cam\_NVR;

DROP TABLE IF EXISTS Tipe;

DROP TABLE IF EXISTS NVR;

DROP TABLE IF EXISTS Cam\_CAMERAS;

SET FOREIGN\_KEY\_CHECKS = 1;

CREATE TABLE TypeF (

TypeF\_id INT(5),

TypeF\_name VARCHAR(50),

PRIMARY KEY (TypeF\_id)

);

CREATE TABLE Brightness (

Brightness\_id INT(10),

Brightness\_name VARCHAR(10),

PRIMARY KEY (Brightness\_id)

);

CREATE TABLE Tipe (

Tipe\_id INT(35),

Tipe\_name VARCHAR(35),

PRIMARY KEY (Tipe\_id)

);

CREATE TABLE NVR (

D\_Number INT(5),

D\_name VARCHAR(100),

D\_Tipe INT(35),

D\_TypeF INT(50),

D\_Brightness INT(5),

D\_price INT(7),

D\_pic BLOB,

INDEX(D\_name),

PRIMARY KEY (D\_name),

FOREIGN KEY (D\_TypeF) REFERENCES TypeF (TypeF\_id),

FOREIGN KEY (D\_Brightness) REFERENCES Brightness (Brightness\_id),

FOREIGN KEY (D\_Tipe) REFERENCES Tipe (Tipe\_id)

);

INSERT INTO TypeF (TypeF\_id, TypeF\_name)

VALUES (0, 'Кронштейн'),

(1, 'Механическое'),

(2, 'Крепление к раме'),

(3, 'Упрощенное(Заклёпки) ');

INSERT INTO Brightness (Brightness\_id, Brightness\_name)

VALUES (0, '2000Л'),

(1, '5000Л'),

(2, '1000Л'),

(3, '900Л'),

(4, '1800Л');

INSERT INTO Tipe (Tipe\_id, Tipe\_name)

VALUES (0, 'conventional incandescent'),

(1, 'halogen'),

(2, 'xenon'),

(3, 'LED'),

(4, 'Flashing');

INSERT INTO NVR (D\_Number, D\_name, D\_Tipe, D\_TypeF, D\_Brightness, D\_price, D\_Pic)

VALUES (1, 'ITECHmount 100L4', 0, 3, 4, 99800, NULL),

(2, 'ITECHmount Cinema S8', 1, 2, 4, 65464, NULL),

(3, 'Hisense 100L5G', 1, 2, 2, 6999, NULL),

(4, 'XGIMI Elfin', 1, 3, 1, 111090,NULL),

(5, 'Rombica Hold X4', 2, 4, 0, 78900, NULL),

(6, 'Rombica Screen ', 3, 2, 1, 5400, NULL),

(7, 'Hisense 150L5G', 1, 2, 2, 7990, NULL),

(8, 'Hisense 175L2G', 1, 2, 2, 6999, NULL),

(9, 'XGIMITI Elfin', 1, 3, 1, 111090,NULL),

(10, 'Rombica Hold S6', 2, 0, 0, 78900, NULL),

(11, 'Rombica Stand К7', 0, 0, 1, 99800, NULL),

(12, 'HIPER Cinema SFW', 1, 1, 3, 99560, NULL);

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

**index.php**

<html>

<head>

<title>PHP Test</title>

</head>

<body>

<form method="post">

<input type="radio" name="variant" value="nvr" /> Средства освещения авто <br />

<input type="radio" name="variant" value="tip" /> Тип освещения авто<br />

<input type="radio" name="variant" value="tipf" /> Средства крепления освещения авто <br />

<input type="radio" name="variant" value="brt" /> Яркость средства освещения авто<br />

<input type="submit" />

</form>

<?php

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

{

switch( $\_POST['variant'] )

{

case 'nvr':

echo 'Таблица всех средств освещения';

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

break;

case 'tip':

echo 'Таблица типов средств освещения';

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

break;

case 'tipf':

echo 'Таблица типов крепления средств освещения';

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

break;

case 'brt':

echo 'Таблица яркости средств освещения';

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

break;

}

}

else

{

echo 'Вариант не выбран!!((';

}

?>

</body>

</html>

**load\_nvr.php**

<?php

$host= "db4free.net";

$user= "sql38\_14";

$pass= "9737097370";

$db= "sql38\_14";

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

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

$query="SELECT D\_Number, D\_name, D\_Tipe, D\_TypeF, D\_Brightness, D\_price FROM NVR ";

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

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

if($result)

{

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

echo"<table><tr><th> D\_Number <th> D\_name <th> D\_Tipe <th> D\_TypeF <th> D\_Brightness <th> D\_price </th></tr>";

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

{

echo "<tr>";

for($i=0;$i<6;$i++)

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

echo "</tr>";

}

echo "</table>";

}

else

{

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

}

mysqli\_close($conn);

?>

**load\_brt.php**

<?php

$host= "db4free.net";

$user= "sql38\_14";

$pass= "9737097370";

$db= "sql38\_14";

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

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

$query="SELECT Brightness\_id, Brightness\_name FROM Brightness ";

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

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

if($result)

{

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

echo"<table><tr><th> Brightness\_id <th> Brightness\_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\_tip.php**

<?php

$host= "db4free.net";

$user= "sql38\_14";

$pass= "9737097370";

$db= "sql38\_14";

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

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

$query="SELECT Tipe\_id, Tipe\_name FROM Tipe ";

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

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

if($result)

{

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

echo"<table><tr><th> Tipe\_id <th> Tipe\_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\_tipf.php**

<?php

$host= "db4free.net";

$user= "sql38\_14";

$pass= "9737097370";

$db= "sql38\_14";

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

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

$query="SELECT TypeF\_id, TypeF\_name FROM TypeF ";

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

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

if($result)

{

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

echo"<table><tr><th> TypeF\_id <th> TypeF\_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);

?>