**Chapter 5**

**Implementation**

1. **System code**
2. **Reservations**

var express = require("express");

var router = express.Router();

var MongoClient = require("mongodb").MongoClient;

var globals = require("./globals");

var ObjectId = require("mongodb").ObjectId;

router.get("/",globals.ensureAuthenticated, (req, res, next) => {

MongoClient.connect(globals.url, (err, db) => {

if (err) {

res.render("Pages/reservations", {

title: "الحجوزات",

Page: {

title: "الحجوزات"

},

checkIns: [],

settings: []

});

console.log("Error connecting the database" + err);

} else {

dbo = db.db(globals.dbName);

dbo

.collection("checkIns")

.find({})

.toArray((err, checkIns) => {

if (err) {

console.log("Error connecting the database" + err);

}

dbo

.collection("settings")

.find({})

.toArray((err, settings) => {

if (err) {

res.send(err);

}

res.render("Pages/reservations", {

title: "الحجوزات",

Page: {

title: "الحجوزات"

},

checkIns,

settings

});

});

});

}

});

});

module.exports = router;

1. **Service**

var express = require("express");

var router = express.Router();

var MongoClient = require("mongodb").MongoClient;

var globals = require("./globals");

router.get("/",globals.ensureAuthenticated, (req, res, next) => {

MongoClient.connect(globals.url, (err, db) => {

if (err) {

res.render("Pages/Services", {

title: "الخدمات",

Page: {

title: "الخدمات"

},

services: []

});

console.log("Error connecting the database" + err);

} else {

dbo = db.db(globals.dbName);

dbo

.collection("services")

.find({})

.toArray((err, services) => {

if (err) {

console.log("Error connecting the database" + err);

}

dbo

.collection("settings")

.find({})

.toArray((err, settings) => {

if (err) {

res.send(err);

}

res.render("Pages/Services", {

title: "إدارة الخدمات",

Page: {

title: "إدارة الخدمات"

},

services,

settings

});

});

});

}

});

});

router.post("/addService", (req, res, next) => {

var body = req.body;

var serviceNumber = body.serviceNumber;

var serviceName = body.serviceName;

var serviceType = body.serviceType;

var servicePrice= body.servicePrice;

MongoClient.connect(globals.url, (err, db) => {

if (err) throw err;

dbo = db.db(globals.dbName);

var new\_service = {

serviceNumber: serviceNumber,

serviceName: serviceName,

serviceType: serviceType,

servicePrice: servicePrice,

};

dbo.collection("services").save(new\_service, (err, result) => {

if (err) throw err;

res.redirect("/Services");

// res.end();

db.close();

});

});

});

module.exports = router;

1. **Purchases**

<% include ../partials/header %>

<% include ../partials/sideNav %>

<div class="myContainer">

<div class="content">

<% include ../partials/topNav %>

<section class="wid100" style="background-color:white">

<div class="nav nav-tabs" style="direction: initial">

<a id="btn\_add\_a\_room" class="hint--right hint--rounded nav-item nav-link" role="tab" aria-label="إضافة خدمة" style="cursor:pointer "

data-toggle="modal" data-target="#PurchasesModel">

<i class="fas fa-plus"></i>

</a>

<!-- <label class="fontDroid" style="align-self: flex-end;" >اضافة خدمة</label> -->

</div>

<table id="tblReservations" class="wid100" >

<thead>

<tr class="tblHeader1">

<th colspan="6" class="wid100 fontDroid" style="background-color:#2c91b9;color:white;">إدارة المشتريات</th>

</tr>

<tr class="tblHeader2">

<th>رقم المشتريات</th>

<th>اسم المشتريات</th>

<th>نوع المشتريات</th>

<th>الكمية </th>

<th>سعر القطعة</th>

<th> المجموع</th>

</tr>

</thead>

<tbody>

<% Purchases.forEach(Purchase => { %>

<tr class="tbldatarow">

<td data-title="Name"><%=Purchase.PurchaseNumber %></td>

<td data-title="ID Type"><%=Purchase.PurchaseName %></td>

<td data-title="ID Number"><%=Purchase.PurchaseType %></td>

<td data-title="ID Issue Place"><%=Purchase.Amount %></td>

<td data-title="ID Issue Place"><%=Purchase.PurchasePrice %></td>

<td data-title="ID Issue Place"><%=Purchase.PurchasePrice\*Purchase.Amount%></td>

<!-- <td data-title="Actions">

<a id="MainContent\_lstvw\_customers\_btnView\_0" title="View customer" class="ViewIco TblIco" data-href="/Pages/Management/Popups/View/ViewPurchase.aspx?id=3747766&amp;cid=68"

href="javascript:\_\_doPostBack('ctl00$MainContent$lstvw\_customers$ctrl0$btnView','')"></a>

</td> -->

</tr>

<% }) %>

</tbody>

<tfoot>

<tr>

<td colspan="3" class="pd10">

<div class="pagination">

<ul id="MainContent\_dPager2" style="display: inline-flex;">

<li class="navButton" ><a href="#">الأول</a></li>

<li class="navButton"><a href="#">السابق</a></li>

<li class="navButton site"><a href="#">1</a></li>

<li class="navButton back"><a href="#">التالي</a></li>

<li class="navButton back"><a href="#">الأخير</a></li>

</ul>

<div class="PagnTxt"></div>

</td>

<td>

<div class="">

<button id="btnAddRoomClose" type="button" class="btn btn-secondary fontDroid" onclick="location.href='/'">خروج</button>

</div>

</td>

</tr>

</tfoot>

</table>

</section>

</div>

</div>

</div>

</div>

<% include ../partials/footer %>

</body>

<% include ../models/PurchasesModel %>

</html>

<!-- End of Wrapper -->

</div>