<!DOCTYPE html>

<html lang="zh-CN">

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width,initial-scale=1">

<title>沪乐锦公寓系统 · 离线版（前台+后台+合同签名）</title>

<style>

:root{

--orange:#ff7a1a;--orange-deep:#ff6a00;--green:#2bb673;--text:#222;--muted:#888;

--bg:#fff;--soft:#f8f8f8;--border:#eee;--danger:#e74c3c;

}

\*{box-sizing:border-box}html,body{margin:0}

body{font-family:-apple-system,BlinkMacSystemFont,"PingFang SC","Microsoft Yahei",Arial,sans-serif;background:var(--orange);color:var(--text)}

.container{max-width:1100px;margin:0 auto;padding:14px}

/\* 顶栏（橙底） \*/

.topbar{position:sticky;top:0;background:linear-gradient(0deg,#ff8d32,#ff7820);color:#fff;z-index:10}

.topbar .row{display:flex;align-items:center;gap:12px}

.logo{font-weight:800;font-size:18px;letter-spacing:.5px}

.tabs{display:flex;gap:10px;flex-wrap:wrap;margin-left:8px}

.tab{background:rgba(255,255,255,.12);color:#fff;border:1px solid rgba(255,255,255,.25);padding:6px 10px;border-radius:8px;cursor:pointer}

.tab.active,.tab:hover{background:#fff;color:var(--orange)}

.top-actions{margin-left:auto;display:flex;gap:8px}

.btn{background:#fff;color:var(--orange);border:1px solid #ffd0ad;border-radius:8px;padding:8px 12px;cursor:pointer}

.btn.ghost{background:transparent;color:#fff;border-color:rgba(255,255,255,.5)}

.banner{background:#ffe6cf;color:#a34400;border-radius:10px;padding:10px 12px;margin-top:8px;display:flex;flex-wrap:wrap;gap:8px;align-items:center}

.kf{margin-left:auto;color:#a34400}

/\* 内容白卡 \*/

.shell{background:#fff;border-top-left-radius:16px;border-top-right-radius:16px;min-height:60vh;box-shadow:0 -8px 24px rgba(0,0,0,.06)}

.content{padding:14px}

.searchbar{display:flex;gap:8px;margin-bottom:10px}

.searchbar input{flex:1;border:1px solid var(--border);border-radius:10px;padding:10px}

.searchbar .btn-orange{background:var(--orange);color:#fff;border:none}

/\* 房源列表 \*/

.grid{display:grid;grid-template-columns:2fr 1.1fr;gap:14px}

.card{background:#fff;border:1px solid var(--border);border-radius:12px;overflow:hidden}

.card .body{padding:12px 14px}

.list{display:grid;grid-template-columns:repeat(auto-fill,minmax(230px,1fr));gap:12px}

.item{border:1px solid var(--border);border-radius:10px;overflow:hidden}

.thumb{height:150px;background:#f2f2f2 center/cover no-repeat}

.price{color:var(--orange);font-weight:700}

.tag{display:inline-block;background:#fff1e5;border:1px solid #ffd9bf;color:#b54a00;border-radius:999px;padding:3px 8px;font-size:12px}

.small{color:var(--muted);font-size:12px}

.hr{height:1px;background:var(--border);margin:14px 0}

/\* 页脚底栏（前台） \*/

.ftabs{position:sticky;bottom:0;background:#fff;border-top:1px solid var(--border);display:flex;justify-content:space-around;padding:10px 0}

.ftabs button{background:none;border:none;padding:6px 10px;color:#666}

.ftabs .on{color:var(--orange);font-weight:700}

/\* 登录浮层 \*/

.sheet{position:fixed;left:12px;right:12px;bottom:70px;background:#fff;border:1px solid var(--border);border-radius:12px;padding:14px;display:none;z-index:20}

.sheet.show{display:block}

.sheet .row{display:flex;justify-content:space-between;align-items:center}

/\* 后台 \*/

.admin{display:none}

.admin .ah{background:var(--orange);color:#fff;padding:12px 14px;display:flex;justify-content:space-between}

.admin .menu{display:grid;grid-template-columns:repeat(2,1fr);gap:12px;margin:12px 0}

.tile{border:1px solid var(--border);border-radius:10px;padding:12px;background:#fff;text-align:center}

.table{width:100%;border-collapse:collapse}

.table th,.table td{padding:10px;border-bottom:1px solid var(--border);text-align:left;vertical-align:top}

.kpis{display:grid;grid-template-columns:repeat(4,1fr);gap:10px;margin:10px 0}

.k{border:1px solid var(--border);border-radius:10px;padding:12px;background:#fff;text-align:center}

.k .n{color:var(--orange);font-weight:800;font-size:22px}

.subtabs{display:flex;gap:8px;flex-wrap:wrap;margin:8px 0}

.subtab{border:1px solid var(--border);background:#fff;border-radius:8px;padding:6px 10px;cursor:pointer}

.subtab.active{background:#fff8f2;border-color:#ffcaa3;color:var(--orange)}

.panel{margin-top:10px}

/\* 合同弹窗 + 签名 \*/

.modal{position:fixed;inset:0;background:rgba(0,0,0,.35);display:none;align-items:center;justify-content:center;padding:14px;z-index:50}

.modal.show{display:flex}

.modal .box{background:#fff;border-radius:12px;max-width:720px;width:100%;padding:14px}

.kv{display:grid;grid-template-columns:120px 1fr;gap:8px;align-items:center}

input,select,textarea{width:100%;padding:10px;border:1px solid var(--border);border-radius:8px}

.sig{border:1px dashed #aaa;border-radius:10px;overflow:hidden;margin-top:8px}

#sigpad{width:100%;height:180px;background:#fff;touch-action:none;cursor:crosshair}

/\* 响应式 \*/

@media (max-width:980px){.grid{grid-template-columns:1fr}.kpis{grid-template-columns:repeat(2,1fr)}.kv{grid-template-columns:110px 1fr}}

</style>

</head>

<body>

<!-- 顶部（橙底导航） -->

<header class="topbar">

<div class="container">

<div class="row">

<div class="logo">沪乐锦公寓</div>

<div class="tabs" id="tabs">

<button class="tab active" data-cat="沪乐锦">沪乐锦</button>

<button class="tab" data-cat="云飞公寓">云飞公寓</button>

<button class="tab" data-cat="白马公寓">白马公寓</button>

<button class="tab" data-cat="别墅">别墅</button>

</div>

<div class="top-actions">

<button class="btn ghost" id="btnUser">用户中心</button>

<button class="btn ghost" id="btnAdmin">管理员入口</button>

</div>

</div>

<div class="banner">

<div>📢 <span id="notice">欢迎入住沪乐锦公寓</span></div>

<div class="kf">客服：<b>159 0179 5359</b></div>

</div>

</div>

</header>

<!-- 白色内容壳 -->

<div class="shell">

<div class="container content">

<!-- 前台主视图 -->

<section id="front">

<div class="searchbar">

<input id="kw" placeholder="搜索：小区/户型/关键字">

<button class="btn btn-orange" id="btnSearch">搜索</button>

</div>

<div class="grid">

<!-- 房源列表（无新增入口） -->

<div class="card">

<div class="body">

<b>房源列表</b>

<div class="list" id="listings"></div>

</div>

</div>

<!-- 右侧：用户与星豆（客户端） -->

<div class="card">

<div class="body">

<b>我的 / 星豆</b>

<div id="meBox" class="small" style="margin:8px 0">未登录。请点右上角「用户中心」。</div>

<div class="hr"></div>

<b>星豆可兑换</b>

<div id="redeemBox" class="small" style="margin-top:6px"></div>

</div>

</div>

</div>

<!-- 底部切换 -->

<div class="ftabs">

<button class="on" data-v="list">房源</button>

<button data-v="services">服务</button>

<button data-v="star">星豆</button>

<button data-v="me">我的</button>

</div>

</section>

<!-- 前台其它视图容器（切换时出现） -->

<section id="views" style="display:none"></section>

<!-- 后台（隐藏，登录后显示） -->

<section id="admin" class="admin">

<div class="ah container">

<div><b>后台管理中心</b></div>

<div><button class="btn ghost" id="btnQuit">退出</button></div>

</div>

<div class="container">

<div class="kpis">

<div class="k"><div>房源总数</div><div class="n" id="kpiH">0</div></div>

<div class="k"><div>租户注册</div><div class="n" id="kpiT">0</div></div>

<div class="k"><div>预约订单</div><div class="n" id="kpiO">0</div></div>

<div class="k"><div>星豆余额</div><div class="n" id="kpiS">0</div></div>

</div>

<div class="subtabs">

<button class="subtab active" data-p="pH">房源管理</button>

<button class="subtab" data-p="pT">租户中心</button>

<button class="subtab" data-p="pO">服务订单</button>

<button class="subtab" data-p="pC">合同管理</button>

<button class="subtab" data-p="pStar">星豆系统</button>

<button class="subtab" data-p="pConf">公告/设置</button>

</div>

<!-- 面板们 -->

<div id="pH" class="panel">

<div class="tile" style="text-align:left">

<b>房源列表</b>

<div class="small">新增/编辑/删除仅在后台进行（前台不显示新增入口）。</div>

<div id="tblH" style="margin-top:8px"></div>

<div class="hr"></div>

<b>新增房源</b>

<div class="kv" style="margin-top:6px">

<div>标题</div><input id="h\_title">

<div>分类</div>

<select id="h\_cat">

<option>沪乐锦</option><option>云飞公寓</option><option>白马公寓</option><option>别墅</option>

</select>

<div>月租</div><input id="h\_rent" type="number" value="3500">

<div>户型</div><input id="h\_rooms" placeholder="如 2室1厅">

<div>星豆价</div><input id="h\_beans" type="number" value="300">

<div>封面图</div><input id="h\_img" type="file" accept="image/\*">

</div>

<div style="margin-top:8px"><button id="btnAddHouse" class="btn">新增</button></div>

</div>

</div>

<div id="pT" class="panel" style="display:none">

<div id="tblT"></div>

</div>

<div id="pO" class="panel" style="display:none">

<div id="tblO"></div>

</div>

<div id="pC" class="panel" style="display:none">

<div class="tile" style="text-align:left">

<div class="row" style="justify-content:space-between;align-items:center">

<b>电子合同管理（模板+签名）</b>

<button class="btn" id="btnNewC">新建合同</button>

</div>

<div id="tblC" style="margin-top:8px"></div>

</div>

</div>

<div id="pStar" class="panel" style="display:none">

<div class="tile" style="text-align:left">

<b>星豆日志（前台兑换 & 后台发放）</b>

<div id="tblS" style="margin-top:8px"></div>

</div>

</div>

<div id="pConf" class="panel" style="display:none">

<div class="tile" style="text-align:left">

<b>公告/设置</b>

<div class="kv" style="margin-top:6px">

<div>首页公告</div><input id="cfgNotice">

<div>管理员密码</div><input id="cfgPass" type="password" placeholder="••••••">

</div>

<div style="margin-top:8px">

<button id="btnSaveCfg" class="btn">保存设置</button>

<button id="btnExport" class="btn" style="margin-left:6px">导出数据(JSON)</button>

<button id="btnClear" class="btn" style="margin-left:6px;background:var(--danger);border:none;color:#fff">清空本地</button>

</div>

</div>

</div>

</div>

</section>

</div>

</div>

<!-- 管理员登录弹层（不展示默认密码） -->

<div class="sheet" id="loginSheet">

<div class="row"><b>管理员登录</b><button class="btn" onclick="$('#loginSheet').classList.remove('show')">关闭</button></div>

<div class="kv" style="margin-top:6px">

<div>密码</div><input id="admPass" type="password" placeholder="请输入管理员密码">

</div>

<div style="margin-top:8px"><button class="btn" onclick="doAdminLogin()">登录</button></div>

<div class="small" style="margin-top:6px;color:#999">提示：密码仅本机保存，不会明文显示。</div>

</div>

<!-- 合同模板 + 签名弹窗 -->

<div class="modal" id="ctModal">

<div class="box">

<div class="row" style="justify-content:space-between;align-items:center">

<b>新建/编辑 合同</b>

<button class="btn" onclick="toggleCt(false)">关闭</button>

</div>

<div class="kv" style="margin-top:8px">

<div>合同编号</div><input id="ct\_no">

<div>租客姓名</div><input id="ct\_name">

<div>房源</div><input id="ct\_house">

<div>租赁期限</div><input id="ct\_term" placeholder="2025-05-01 ~ 2026-04-30">

<div>月租金</div><input id="ct\_rent" placeholder="￥3500 / 月">

</div>

<div class="hr"></div>

<b>合同正文（模板可改）</b>

<textarea id="ct\_body" rows="9" style="margin-top:6px"></textarea>

<div class="hr"></div>

<b>电子签名</b>

<div class="sig"><canvas id="sigpad"></canvas></div>

<div style="margin-top:8px;display:flex;gap:8px;flex-wrap:wrap">

<button class="btn" onclick="sigClear()">清空签名</button>

<button class="btn" onclick="saveContract()">保存合同</button>

</div>

</div>

</div>

<script>

/\* ---------------- 数据存取 ---------------- \*/

const LS = {

get(k, d){ try{ return JSON.parse(localStorage.getItem(k)) ?? d } catch{ return d } },

set(k, v){ localStorage.setItem(k, JSON.stringify(v)) }

};

const DB = LS.get('HJ\_DB', {

houses:[

{id:uid(),title:'沪乐锦·一居清新',cat:'沪乐锦',rent:3800,rooms:'1室1厅',cover:'',beans:300},

{id:uid(),title:'云飞·两居朝南',cat:'云飞公寓',rent:4600,rooms:'2室1厅',cover:'',beans:500},

{id:uid(),title:'白马·单身公寓',cat:'白马公寓',rent:2600,rooms:'1室',cover:'',beans:200},

{id:uid(),title:'郊区花园别墅',cat:'别墅',rent:12000,rooms:'4室2厅',cover:'',beans:1500}

],

tenants:[], orders:[], contracts:[],

starsLogs:[], // {id, phone, change, scene, ts}

notice:'欢迎入住沪乐锦公寓',

admin:{pass:'admin123'}, // 不展示，仅本地存储

star\_last\_seen:0

});

function persist(){ LS.set('HJ\_DB', DB) }

function uid(){ return Date.now().toString(36)+Math.random().toString(36).slice(2,8) }

/\* ---------------- 前台渲染 ---------------- \*/

let currentCat='沪乐锦';

$('#notice').textContent = DB.notice || '欢迎入住沪乐锦公寓';

document.querySelectorAll('#tabs .tab').forEach(b=>{

b.onclick=()=>{ document.querySelectorAll('#tabs .tab').forEach(x=>x.classList.remove('active')); b.classList.add('active'); currentCat=b.dataset.cat; paintList() }

});

$('#btnSearch').onclick=paintList;

function paintList(){

const kw = $('#kw').value.trim();

const list = DB.houses.filter(h=> h.cat===currentCat && (!kw || JSON.stringify(h).includes(kw)));

const box = $('#listings'); box.innerHTML='';

if(!list.length){ box.innerHTML='<div class="small">暂无房源</div>'; return }

list.forEach(h=>{

const el = document.createElement('div'); el.className='item';

el.innerHTML = `

<div class="thumb" style="background-image:url('${h.cover||placeholder()}')"></div>

<div class="body">

<div style="display:flex;justify-content:space-between;align-items:center">

<b>${h.title}</b><span class="price">￥${h.rent}/月</span>

</div>

<div class="small" style="margin-top:4px">分类：${h.cat} · 户型：${h.rooms} · <span class="tag">兑换需${h.beans}星豆</span></div>

<div style="margin-top:8px;display:flex;gap:8px;flex-wrap:wrap">

<button class="btn" onclick="openDetail('${h.id}')">查看房源</button>

</div>

</div>`;

box.appendChild(el);

});

}

paintList();

/\* 详情页（含预约、星豆兑换入口） \*/

function openDetail(id){

const h = DB.houses.find(x=>x.id===id); if(!h) return;

const v = $('#views'); v.style.display='block'; $('#front').style.display='none';

v.innerHTML = `

<button class="btn" onclick="backFront()">← 返回</button>

<div class="card" style="margin-top:8px">

<div class="thumb" style="height:200px;background-image:url('${h.cover||placeholder()}')"></div>

<div class="body">

<b>${h.title}</b>

<div class="small" style="margin-top:6px">分类：${h.cat} · 户型：${h.rooms}</div>

<div style="margin-top:6px" class="price">￥${h.rent}/月</div>

<div class="hr"></div>

<div style="display:flex;gap:8px;flex-wrap:wrap">

<button class="btn" onclick="makeOrder('${h.id}')">预约看房</button>

<button class="btn" onclick="redeem(${h.beans})">用星豆兑换 ¥50 券</button>

</div>

</div>

</div>`;

}

function backFront(){ $('#views').style.display='none'; $('#front').style.display='block' }

/\* 底部导航：服务 / 星豆 / 我的 \*/

document.querySelectorAll('.ftabs button').forEach(b=>{

b.onclick=()=>{ document.querySelectorAll('.ftabs button').forEach(x=>x.classList.remove('on')); b.classList.add('on'); openView(b.dataset.v) }

});

function openView(v){

const box = $('#views'); box.style.display='block'; $('#front').style.display='none';

if(v==='list'){ backFront(); return }

if(v==='services'){

box.innerHTML = `

<div class="card"><div class="body"><b>便民/娱乐服务</b>

<div class="list" style="margin-top:8px;grid-template-columns:repeat(auto-fill,minmax(180px,1fr))">

${['家政清洁','家电维修','KTV包厢','棋牌室','跑腿取件','到家家教'].map(s=>`

<div class="item"><div class="body"><b>${s}</b><div class="small" style="margin-top:4px">可预约</div>

<div style="margin-top:8px"><button class="btn" onclick="makeSrv('${s}')">预约</button></div></div></div>`).join('')}

</div></div></div>`;

}else if(v==='star'){

const u = LS.get('HJ\_USER', null);

box.innerHTML = `

<div class="card"><div class="body">

<b>星豆中心</b>

<div class="small" style="margin-top:6px">当前余额：<b>${u?.beans||0}</b> 枚</div>

<div class="hr"></div>

<div class="list" style="grid-template-columns:repeat(auto-fill,minmax(180px,1fr))">

${[{n:'抵扣房租',c:1200},{n:'清洁一次',c:800},{n:'KTV 1小时',c:300}].map(i=>`

<div class="item"><div class="body"><b>${i.n}</b><div class="small">需要 ${i.c} 星豆</div>

<div style="margin-top:8px"><button class="btn" onclick="redeem(${i.c})">兑换</button></div></div></div>`).join('')}

</div>

</div></div>`;

}else if(v==='me'){

const u = LS.get('HJ\_USER', null);

box.innerHTML = u ? `

<div class="card"><div class="body">

<div style="display:flex;justify-content:space-between;align-items:center">

<b>我的信息</b><button class="btn" onclick="logout()">退出登录</button>

</div>

<div class="kv" style="margin-top:6px">

<div>手机号</div><div>${u.phone}</div>

<div>星豆</div><div>${u.beans||0}</div>

</div>

</div></div>

<div class="card" style="margin-top:10px"><div class="body">

<b>我的预约</b>

<table class="table" style="margin-top:6px">

<tr><th>时间</th><th>内容</th><th>状态</th></tr>

${DB.orders.filter(o=>o.phone===u.phone).map(o=>`<tr><td>${o.ts.slice(0,16).replace('T',' ')}</td><td>${o.desc}</td><td>${o.status}</td></tr>`).join('')||'<tr><td colspan="3" class="small">暂无</td></tr>'}

</table>

</div></div>

` : `

<div class="card"><div class="body">

<b>未登录</b>

<div class="small" style="margin-top:6px">登录后可查看星豆、预约记录等。</div>

<div style="margin-top:8px"><button class="btn" onclick="openUser()">登录/注册</button></div>

</div></div>`;

}

}

/\* 用户中心入口（手机号+验证码简化） \*/

$('#btnUser').onclick = openUser;

function openUser(){

const u = LS.get('HJ\_USER', null);

const v = $('#views'); v.style.display='block'; $('#front').style.display='none';

v.innerHTML = `

<div class="card"><div class="body">

<b>${u?'我的信息':'登录/注册'}</b>

${u?`

<div class="kv" style="margin-top:6px">

<div>手机号</div><div>${u.phone}</div>

<div>星豆</div><div>${u.beans||0}</div>

</div>

<div style="margin-top:8px"><button class="btn" onclick="logout()">退出登录</button></div>

`:`

<div class="kv" style="margin-top:6px">

<div>手机号</div><input id="uphone" placeholder="11位手机号">

<div>验证码</div><input id="ucode" placeholder="任意6位">

</div>

<div style="margin-top:8px"><button class="btn" onclick="doLogin()">登录/注册</button></div>

`}

</div></div>`;

}

/\* 登录/退出（前台） \*/

function doLogin(){

const p = $('#uphone').value.trim();

if(!/^1\d{10}$/.test(p)) return alert('请输入11位手机号');

let u = LS.get('HJ\_USER', null) || {phone:p, beans:300};

u.phone = p; u.beans = u.beans ?? 300;

LS.set('HJ\_USER', u); paintMeBox(); alert('登录成功'); backFront();

}

function logout(){ localStorage.removeItem('HJ\_USER'); paintMeBox(); backFront() }

function paintMeBox(){

const u = LS.get('HJ\_USER', null);

$('#meBox').innerHTML = u? `已登录：${u.phone} ｜ 星豆余额：${u.beans||0}` : '未登录。请点右上角「用户中心」。';

paintRedeem();

}

function paintRedeem(){

const u = LS.get('HJ\_USER', null);

$('#redeemBox').innerHTML = `

<div class="list" style="grid-template-columns:repeat(auto-fill,minmax(180px,1fr))">

${[{n:'抵扣房租',c:1200},{n:'清洁一次',c:800},{n:'KTV 1小时',c:300}].map(i=>`

<div class="item"><div class="body"><b>${i.n}</b><div class="small">需要 ${i.c} 星豆</div>

<div style="margin-top:8px"><button class="btn" onclick="redeem(${i.c})">兑换</button></div></div></div>`).join('')}

</div>

<div class="small" style="margin-top:6px;${u?'':'color:#999'}">${u?'兑换记录将同步到后台星豆日志。':'请先登录后再兑换。'}</div>`;

}

paintMeBox();

/\* 预约与服务 \*/

function makeOrder(hid){

const u = LS.get('HJ\_USER', null);

if(!u) return openUser();

const h = DB.houses.find(x=>x.id===hid);

DB.orders.unshift({id:uid(), phone:u.phone, desc:`预约看房：${h?.title||''}`, status:'待联系', ts:new Date().toISOString()});

persist(); alert('已提交预约，稍后联系您'); backFront();

}

function makeSrv(name){

const u = LS.get('HJ\_USER', null);

if(!u) return openUser();

DB.orders.unshift({id:uid(), phone:u.phone, desc:`预约服务：${name}`, status:'待确认', ts:new Date().toISOString()});

persist(); alert('已提交预约'); backFront();

}

/\* 星豆兑换（前台） -> 后台可见日志 \*/

function redeem(cost){

const u = LS.get('HJ\_USER', null);

if(!u) return openUser();

if((u.beans||0) < cost) return alert('星豆不足');

u.beans -= cost; LS.set('HJ\_USER', u);

DB.starsLogs.unshift({id:uid(), phone:u.phone, change:-cost, scene:'前台兑换', ts:new Date().toISOString()});

persist(); paintMeBox(); alert('兑换成功（后台可见日志）');

}

/\* ---------------- 管理员相关 ---------------- \*/

$('#btnAdmin').onclick = ()=> $('#loginSheet').classList.add('show');

$('#btnQuit').onclick = ()=>{ $('#admin').style.display='none'; }

function doAdminLogin(){

const passIn = $('#admPass').value;

if(!passIn) return alert('请输入密码');

if(passIn === DB.admin.pass){

$('#loginSheet').classList.remove('show');

$('#admin').style.display='block';

paintAdmin();

// 新兑换提示（未读）

const last = DB.star\_last\_seen||0;

const news = DB.starsLogs.filter(x=>new Date(x.ts).getTime()>last);

if(news.length) alert('有新的星豆兑换记录：'+news.length+' 条');

DB.star\_last\_seen = Date.now(); persist();

}else alert('密码错误');

}

/\* 后台 KPI & 表格 \*/

document.querySelectorAll('.subtab').forEach(b=>{

b.onclick=()=>{

document.querySelectorAll('.subtab').forEach(x=>x.classList.remove('active'));

b.classList.add('active');

document.querySelectorAll('.panel').forEach(p=>p.style.display='none');

document.getElementById(b.dataset.p).style.display='block';

}

});

function paintAdmin(){

$('#kpiH').textContent = DB.houses.length;

$('#kpiT').textContent = DB.tenants.length;

$('#kpiO').textContent = DB.orders.length;

const u = LS.get('HJ\_USER', null);

$('#kpiS').textContent = u?.beans||0;

// 房源表

$('#tblH').innerHTML = table(['标题','分类','租金','户型','封面','星豆','操作'],

DB.houses.map(h=>[

h.title,h.cat,'￥'+h.rent,h.rooms,h.cover?'<span class="small">已传</span>':'—',h.beans,

`<button class="btn" onclick="editHouse('${h.id}')">编辑</button>

<button class="btn" style="background:#fff;color:#d33;border:1px solid #f4c0c0" onclick="delHouse('${h.id}')">删除</button>`

])

);

// 租户（来自前台登录）

$('#tblT').innerHTML = table(['手机号','星豆','信誉'],

DB.tenants.map(t=>[t.phone, t.beans||0, t.credit||'良好'])

);

// 订单

$('#tblO').innerHTML = table(['时间','手机号','内容','状态'],

DB.orders.map(o=>[o.ts.slice(0,16).replace('T',' '),o.phone,o.desc,o.status])

);

// 合同

$('#tblC').innerHTML = table(['合同号','租客','房源','租期','租金','时间'],

DB.contracts.map(c=>[c.no,c.name,c.house,c.term,c.rent, c.ts.slice(0,10)])

);

// 星豆日志

$('#tblS').innerHTML = table(['时间','手机号','变动','场景'],

DB.starsLogs.map(s=>[s.ts.slice(0,16).replace('T',' '),s.phone,(s.change>0?'+':'')+s.change, s.scene])

);

// 设置

$('#cfgNotice').value = DB.notice||'';

$('#cfgPass').value = ''; // 不展示旧密码

}

/\* 后台：房源新增 \*/

$('#btnAddHouse').onclick = async ()=>{

const t = $('#h\_title').value.trim();

if(!t) return alert('请填写标题');

const f = $('#h\_img').files[0];

let cover = '';

if(f){ cover = await fileToDataURL(f) }

DB.houses.unshift({

id:uid(), title:t, cat:$('#h\_cat').value, rent:+$('#h\_rent').value||0, rooms:$('#h\_rooms').value.trim(), cover, beans:+$('#h\_beans').value||0

});

persist(); paintAdmin(); alert('已新增房源');

}

function editHouse(id){

const h = DB.houses.find(x=>x.id===id); if(!h) return;

const nt = prompt('标题', h.title); if(nt==null) return;

h.title = nt; persist(); paintAdmin();

}

function delHouse(id){

if(confirm('确定删除该房源？')){ DB.houses = DB.houses.filter(x=>x.id!==id); persist(); paintAdmin(); }

}

/\* 后台：设置、导出、清空 \*/

$('#btnSaveCfg').onclick = ()=>{

DB.notice = $('#cfgNotice').value.trim()||'欢迎入住沪乐锦公寓';

const p = $('#cfgPass').value.trim(); if(p) DB.admin.pass = p;

persist(); $('#notice').textContent = DB.notice; alert('已保存设置');

}

$('#btnExport').onclick = ()=>{

const blob = new Blob([JSON.stringify(DB,null,2)],{type:'application/json'});

const url = URL.createObjectURL(blob); const a = document.createElement('a');

a.href=url; a.download='hulejin\_data.json'; a.click(); URL.revokeObjectURL(url);

}

$('#btnClear').onclick = ()=>{

if(confirm('清空所有本地数据？')){ localStorage.removeItem('HJ\_DB'); localStorage.removeItem('HJ\_USER'); location.reload(); }

}

/\* 合同：模板+签名 \*/

$('#btnNewC').onclick = ()=> newContract();

let sigCtx, drawing=false;

function newContract(){

$('#ct\_no').value = 'HT-' + new Date().toISOString().slice(0,10).replace(/-/g,'') + '-' + Math.floor(Math.random()\*900+100);

$('#ct\_name').value = '';

$('#ct\_house').value = '';

$('#ct\_term').value = '';

$('#ct\_rent').value = '￥3500 / 月';

$('#ct\_body').value = `租赁合同（模板）

甲方（出租方）：

乙方（承租方）：{租客姓名}

房屋信息：{房源}

租赁期限：{租期}

租金标准：{月租金}

条款：

1. 乙方应按时支付租金及相关费用，并爱护室内设施；

2. 未经甲方书面同意不得转租；

3. 合同一式两份，双方各执一份，自签字之日起生效。`;

toggleCt(true); initSig();

}

function toggleCt(show){ $('#ctModal').classList[show?'add':'remove']('show') }

function initSig(){

const c = $('#sigpad'); c.width=c.clientWidth; c.height=c.clientHeight;

sigCtx = c.getContext('2d'); sigCtx.lineWidth=2; sigCtx.lineCap='round'; sigCtx.strokeStyle='#111';

const pos = e => (e.touches? {x:e.touches[0].clientX-c.getBoundingClientRect().left,y:e.touches[0].clientY-c.getBoundingClientRect().top}:{x:e.offsetX,y:e.offsetY});

c.onmousedown = e=>{drawing=true;const p=pos(e);sigCtx.beginPath();sigCtx.moveTo(p.x,p.y)}

c.onmousemove = e=>{ if(!drawing) return; const p=pos(e); sigCtx.lineTo(p.x,p.y); sigCtx.stroke() }

window.onmouseup = ()=> drawing=false

c.ontouchstart = e=>{drawing=true;const p=pos(e);sigCtx.beginPath();sigCtx.moveTo(p.x,p.y);e.preventDefault()}

c.ontouchmove = e=>{ if(!drawing) return; const p=pos(e); sigCtx.lineTo(p.x,p.y); sigCtx.stroke(); e.preventDefault() }

c.ontouchend = ()=> drawing=false

}

function sigClear(){ const c=$('#sigpad'); sigCtx.clearRect(0,0,c.width,c.height) }

function saveContract(){

const img = $('#sigpad').toDataURL('image/png');

const obj = {

id: uid(),

no: $('#ct\_no').value.trim(),

name: $('#ct\_name').value.trim(),

house: $('#ct\_house').value.trim(),

term: $('#ct\_term').value.trim(),

rent: $('#ct\_rent').value.trim(),

body: $('#ct\_body').value,

sign: img,

ts: new Date().toISOString()

};

DB.contracts.unshift(obj); persist(); paintAdmin(); toggleCt(false); alert('合同已保存（含电子签名）');

}

/\* 工具 \*/

function table(headers, rows){

return `<table class="table"><tr>${headers.map(h=>`<th>${h}</th>`).join('')}</tr>${

(rows&&rows.length?rows.map(r=>`<tr>${r.map(c=>`<td>${c}</td>`).join('')}</tr>`).join(''):`<tr><td colspan="${headers.length}" class="small">暂无数据</td></tr>`)}

</table>`;

}

function fileToDataURL(file){ return new Promise(res=>{ const r=new FileReader(); r.onload=()=>res(r.result); r.readAsDataURL(file); }); }

function placeholder(){ return 'data:image/svg+xml;utf8,'+encodeURIComponent(`<svg xmlns="http://www.w3.org/2000/svg" width="600" height="300"><rect width="100%" height="100%" fill="#f3f3f3"/><text x="50%" y="50%" dominant-baseline="middle" text-anchor="middle" fill="#bbb" font-size="20">房源图片</text></svg>`); }

/\* 初始化 \*/

function syncTenantFromUser(){

const u = LS.get('HJ\_USER', null); if(!u) return;

if(!DB.tenants.find(t=>t.phone===u.phone)){

DB.tenants.unshift({phone:u.phone, beans:u.beans||0, credit:'良好'}); persist();

}else{

const t=DB.tenants.find(t=>t.phone===u.phone); t.beans=u.beans||0; persist();

}

}

syncTenantFromUser();

</script>

</body>

</html>