

Hotel Saudi ERP v5.0 - Dokumentasi Lengkap

OWL AI Agent

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HOTEL SAUDI ERP — Dokumentasi Sistem Lengkap

Versi: 5.0 | Tanggal: Juni 2026 | Developer: OWL AI Agent URL: <https://hotelsaudi.my.id>

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1. GAMBARAN SISTEM

Hotel Saudi ERP adalah sistem manajemen travel umroh/haji berbasis WordPress yang mencakup:

Modul	Fitur
Allotment Hotel	Manajemen kontrak hotel, kamar, harga, jangka waktu
Manifest Jamaah	Data jamaah, paspor, kontak, foto
Rooming List	Penempatan kamar per kloter
Auto Assign Kamar	Otomatis assign jamaah ke kamar
Tracking Pembayaran	DP, cicilan, lunas per jamaah
WhatsApp Broadcast	Kirim pesan massal via WhatsApp
Kloter/Grup	Manajemen grup/kloter jamaah
Visa & Dokumen	Tracking visa, tiket, vaksin, KTP, KK
Laporan & Analytics	Dashboard statistik lengkap
Invoice PDF	Generate invoice TCPDF
Kalender	FullCalendar.js check-in/out
Paspor OCR	Scan paspor dengan Tesseract OCR
Export CSV	Export data ke CSV
Multi-Currency	SAR + IDR dengan kurs otomatis
Backup DB	Auto backup database via cron
Portal Jamaah	Self-service portal untuk jamaah
Paket Umroh	Manajemen paket dengan harga dual currency
Transport	Jadwal transport, supir, kendaraan
Kesehatan Jamaah	Medical record, prioritas, lokasi
Laporan Keuangan	PENGELUARAN/pemasukan per kategori
Agen/Reseller Portal	Portal agen untuk kelola jamaah
QR Check-in	Scan QR untuk check-in event

2. SPESIFIKASI SERVER

Minimum Requirements

OS: Ubuntu 24.04 LTS (64-bit)
RAM: 2 GB (4 GB recommended)
Storage: 20 GB SSD
CPU: 2 cores

Software Stack

Web Server: Nginx 1.24+
PHP: 8.3+ (fpm)
Database: MySQL 8.0+
WP-CLI: 2.12+
Node.js: 22+ (optional, untuk build tools)
Tesseract OCR: 5.3+ (untuk passport scanner)

PHP Extensions Required

```
sudo apt install php8.3-fpm php8.3-mysql php8.3-curl php8.3-gd \  
php8.3-mbstring php8.3-xml php8.3-zip php8.3-intl php8.3-bcmath \  
php8.3-imagick php8.3-soap php8.3-redis
```

3. INSTALASI WORDPRESS DASAR

3.1 Setup LEMP Stack

```
# Update system  
sudo apt update && sudo apt upgrade -y  
  
# Install Nginx  
sudo apt install nginx -y  
sudo systemctl enable nginx  
  
# Install MySQL  
sudo apt install mysql-server -y  
sudo systemctl enable mysql  
  
# Secure MySQL  
sudo mysql_secure_installation  
  
# Install PHP 8.3  
sudo apt install php8.3-fpm php8.3-mysql php8.3-curl php8.3-gd \  
php8.3-mbstring php8.3-xml php8.3-zip php8.3-intl php8.3-bcmath \  
php8.3-imagick -y  
sudo systemctl enable php8.3-fpm
```

3.2 Buat Database WordPress

```
sudo mysql -u root -p  
  
CREATE DATABASE wp_hotel CHARACTER SET utf8mb4 COLLATE utf8mb4_unicode_ci;  
CREATE USER 'wp_hotel_user'@'localhost' IDENTIFIED BY 'STRONG_PASSWORD_HERE';  
GRANT ALL PRIVILEGES ON wp_hotel.* TO 'wp_hotel_user'@'localhost';  
FLUSH PRIVILEGES;  
EXIT;
```

3.3 Download & Setup WordPress

```
cd /tmp  
wget https://wordpress.org/latest.tar.gz
```

```
tar xzf latest.tar.gz
sudo mv wordpress /var/www/hotelsaudi
sudo chown -R www-data:www-data /var/www/hotelsaudi
sudo chmod -R 755 /var/www/hotelsaudi
```

3.4 Buat wp-config.php

```
cd /var/www/hotelsaudi
sudo -u www-data cp wp-config-sample.php wp-config.php
```

Edit wp-config.php:

```
// Database
define('DB_NAME', 'wp_hotel');
define('DB_USER', 'wp_hotel_user');
define('DB_PASSWORD', 'STRONG_PASSWORD_HERE');
define('DB_HOST', 'localhost');
define('DB_CHARSET', 'utf8mb4');
define('DB_COLLATE', '');

// Table prefix (random untuk security)
$table_prefix = 'wp_hotel_'; // Bisa diganti random

// Authentication keys (generate di https://api.wordpress.org/secret-key/1.1/salt/)
define('AUTH_KEY', 'random-string-here');
define('SECURE_AUTH_KEY', 'random-string-here');
define('LOGGED_IN_KEY', 'random-string-here');
define('NONCE_KEY', 'random-string-here');
define('AUTH_SALT', 'random-string-here');
define('SECURE_AUTH_SALT', 'random-string-here');
define('LOGGED_IN_SALT', 'random-string-here');
define('NONCE_SALT', 'random-string-here');

// Performance
define('WP_MEMORY_LIMIT', '256M');
define('WP_MAX_MEMORY_LIMIT', '512M');

// Security
define('DISALLOW_FILE_EDIT', true);
define('FORCE_SSL_ADMIN', true);
```

3.5 Nginx Virtual Host

Buat file /etc/nginx/sites-available/hotelsaudi.my.id:

```
server {
    listen 80;
    server_name hotelsaudi.my.id www.hotelsaudi.my.id;
    return 301 https://$server_name$request_uri;
}

server {
    listen 443 ssl http2;
    server_name hotelsaudi.my.id www.hotelsaudi.my.id;

    root /var/www/hotelsaudi;
    index index.php index.html;

    # SSL (via Certbot)
    ssl_certificate /etc/letsencrypt/live/hotelsaudi.my.id/fullchain.pem;
    ssl_certificate_key /etc/letsencrypt/live/hotelsaudi.my.id/privkey.pem;

    # Security headers
    add_header X-Frame-Options "SAMEORIGIN" always;
    add_header X-Content-Type-Options "nosniff" always;
    add_header X-XSS-Protection "1; mode=block" always;
    add_header Referrer-Policy "strict-origin-when-cross-origin" always;

    # WordPress permalinks
    location / {
        try_files $uri $uri/ /index.php?$args;
    }

    # PHP processing
    location ~ \.php$ {
        include snippets/fastcgi-php.conf;
        fastcgi_pass unix:/var/run/php/php8.3-fpm.sock;
        fastcgi_param SCRIPT_FILENAME $document_root$fastcgi_script_name;
        include fastcgi_params;
    }

    # Deny access to sensitive files
    location ~ /\.ht {
        deny all;
    }
    location ~ wp-config.php {
        deny all;
    }

    # Static file caching
    location ~* \.(jpg|jpeg|png|gif|ico|css|js|svg|woff2?)$ {
        expires 30d;
        add_header Cache-Control "public, immutable";
    }
}

}
```

Enable site:

```
sudo ln -s /etc/nginx/sites-available/hotelsaudi.my.id /etc/nginx/sites-enabled/
sudo nginx -t && sudo systemctl reload nginx
```

3.6 SSL dengan Certbot

```
sudo apt install certbot python3-certbot-nginx -y
sudo certbot --nginx -d hotelsaudi.my.id -d www.hotelsaudi.my.id
```

3.7 Selesaikan Instalasi WordPress

Buka browser → <https://hotelsaudi.my.id> → Isi: - **Site Title:** Hotel Saudi - Sistem Manajemen Hotel - **Username:** admin - **Password:** (generate strong password) - **Email:** admin@hotelsaudi.my.id

4. INSTALASI PLUGIN & TEMA

4.1 Plugin Wajib (via WP-CLI)

```
cd /var/www/hotelsaudi
sudo -u www-data wp plugin install advanced-custom-fields --activate
sudo -u www-data wp plugin install custom-post-type-ui --activate
sudo -u www-data wp plugin install wordfence --activate
sudo -u www-data wp plugin install wordpress-seo --activate
sudo -u www-data wp plugin install updraftplus --activate
sudo -u www-data wp plugin install contact-form-7 --activate
sudo -u www-data wp plugin install elementor --activate
```

4.2 Plugin yang Dinonaktifkan

```
# Nonaktifkan plugin bawaan yang tidak perlu
sudo -u www-data wp plugin deactivate hello.php
sudo -u www-data wp plugin deactivate akismet
```

4.3 Tema

Tempat tema yang digunakan: **Astra** (free)

```
sudo -u www-data wp theme install astra --activate
```

4.4 Must-Use Plugins (mu-plugins)

Buat direktori mu-plugins:

```
sudo mkdir -p /var/www/hotelsaudi/wp-content/mu-plugins
```

Buat file `/var/www/hotelsaudi/wp-content/mu-plugins/cpt-allotment.php`:

```
<?php
// CPT Allotment Hotel
add_action('init', function(){
    register_post_type('allotment_hotel', array(
        'labels' => array(
            'name' => 'Allotment Hotel',
            'singular_name' => 'Allotment',
            'add_new' => 'Tambah Allotment',
        ),
        'public' => true,
        'has_archive' => true,
        'rewrite' => array('slug' => 'allotment'),
        'supports' => array('title', 'editor', 'thumbnail'),
        'menu_icon' => 'dashicons-building',
        'show_in_rest' => true,
    ));
});

// CPT Manifest (Jamaah)
add_action('init', function(){
    register_post_type('manifest', array(
        'labels' => array(
            'name' => 'Manifest Jamaah',
            'singular_name' => 'Jamaah',
            'add_new' => 'Tambah Jamaah',
        ),
        'public' => true,
        'has_archive' => true,
        'rewrite' => array('slug' => 'jamaah'),
        'supports' => array('title', 'editor', 'thumbnail'),
        'menu_icon' => 'dashicons-groups',
        'show_in_rest' => true,
    ));
});

// CPT Rooming List
add_action('init', function(){
    register_post_type('rooming_list', array(
        'labels' => array(
            'name' => 'Rooming List',
            'singular_name' => 'Rooming',
            'add_new' => 'Tambah Rooming',
        ),
        'public' => true,
        'has_archive' => true,
        'rewrite' => array('slug' => 'rooming'),
        'supports' => array('title'),
        'menu_icon' => 'dashicons-bed',
        'show_in_rest' => true,
    ));
});

// CPT Kloter
add_action('init', function(){
    register_post_type('kloter_grup', array(
        'labels' => array(
            'name' => 'Kloter/Grup',
            'singular_name' => 'Kloter',
            'add_new' => 'Tambah Kloter',
        ),
        'public' => true,
        'has_archive' => true,
        'rewrite' => array('slug' => 'kloter'),
        'supports' => array('title', 'editor'),
        'menu_icon' => 'dashicons-nametag',
    ));
});
```

```
        'show_in_rest' => true,
    ));
});
```

Buat file /var/www/hotelsaudi/wp-content/mu-plugins/acf-fields.php:

```
<?php
// ACF Fields untuk Allotment Hotel
add_action('acf/init', function(){
    if(!function_exists('acf_add_local_field_group')) return;

    // Allotment Fields
    acf_add_local_field_group(array(
        'key' => 'group_allotment',
        'title' => 'Data Allotment',
        'fields' => array(
            array('key'=>'field_allot_hotel','label'=>'Nama Hotel','name'=>'allot_hotel','type'=>'text','required'=>1),
            array('key'=>'field_allot_lokasi','label'=>'Lokasi','name'=>'allot_lokasi','type'=>'text'),
            array('key'=>'field_allot_bintang','label'=>'Bintang','name'=>'allot_bintang','type'=>'select','choices'=>array('3'=>'* * *',
            * * *','5'=>'* * * * *'),'default_value'=>'4'),
            array('key'=>'field_allot_checkin','label'=>'Tanggal Check-in','name'=>'allot_checkin','type'=>'date_picker'),
            array('key'=>'field_allot_checkout','label'=>'Tanggal Check-out','name'=>'allot_checkout','type'=>'date_picker'),
            array('key'=>'field_allot_room_type','label'=>'Tipe
            Kamar','name'=>'allot_room_type','type'=>'select','choices'=>array('double'=>'Double (2 orang)','triple'=>'Triple (3 orang)','quad'=>'Quad (4
            orang)'),
            array('key'=>'field_allot_total_rooms','label'=>'Total Kamar','name'=>'allot_total_rooms','type'=>'number'),
            array('key'=>'field_allot_price_sar','label'=>'Harga per Kamar (SAR)','name'=>'allot_price_sar','type'=>'number'),
            array('key'=>'field_allot_price_idr','label'=>'Harga per Kamar (IDR)','name'=>'allot_price_idr','type'=>'number'),

            array('key'=>'field_allot_status','label'=>'Status','name'=>'allot_status','type'=>'select','choices'=>array('available'=>'Available','booked'=>'Bc
            '),
            'location' => array(array(array('param'=>'post_type','operator'=>='','value'=>'allotment_hotel'))),
        ));

    // Jamaah Fields
    acf_add_local_field_group(array(
        'key' => 'group_jamaah',
        'title' => 'Data Jamaah',
        'fields' => array(
            array('key'=>'field_jam_nama','label'=>'Nama Lengkap','name'=>'jamaah_nama_lengkap','type'=>'text','required'=>1),
            array('key'=>'field_jam_email','label'=>'Email','name'=>'jamaah_email','type'=>'email'),
            array('key'=>'field_jam_telepon','label'=>'Telepon','name'=>'jamaah_telepon','type'=>'text'),
            array('key'=>'field_jam_paspor','label'=>'Nomor Paspor','name'=>'jamaah_nomor_paspor','type'=>'text'),
            array('key'=>'field_jam_tgl_lahir','label'=>'Tanggal Lahir','name'=>'jamaah_tanggal_lahir','type'=>'date_picker'),
            array('key'=>'field_jam_jk','label'=>'Jenis Kelamin','name'=>'jamaah_jk','type'=>'select','choices'=>array('L'=>'Laki-
            laki','P'=>'Perempuan')),
            array('key'=>'field_jam_alamat','label'=>'Alamat','name'=>'jamaah_alamat','type'=>'textarea'),
            array('key'=>'field_jam_kloter','label'=>'Kloter','name'=>'jamaah_kloter','type'=>'text'),
            array('key'=>'field_jam_paket','label'=>'Paket','name'=>'jamaah_paket_id','type'=>'post_type','post_type'=>array('paket_umroh'

            array('key'=>'field_jam_status','label'=>'Status','name'=>'jamaah_status','type'=>'select','choices'=>array('aktif'=>'Aktif','pending'=>'Pending',

            array('key'=>'field_jam_total_bayar','label'=>'Total Bayar (SAR)','name'=>'jamaah_total_bayar','type'=>'number'),
            array('key'=>'field_jam_agen_id','label'=>'Agen','name'=>'jamaah_agen_id','type'=>'post_type','post_type'=>array('agen_reselle

            'location' => array(array(array('param'=>'post_type','operator'=>='','value'=>'manifest'))),
        ));

    // Rooming Fields
    acf_add_local_field_group(array(
        'key' => 'group_rooming',
        'title' => 'Data Rooming',
        'fields' => array(

            array('key'=>'field_room_allotment','label'=>'Allotment','name'=>'room_allotment_id','type'=>'post_type','post_type'=>array('allotment_hotel')),
            array('key'=>'field_room_kloter','label'=>'Kloter','name'=>'room_kloter','type'=>'text'),
            array('key'=>'field_room_no','label'=>'Nomor Kamar','name'=>'room_no_kamar','type'=>'text'),
            array('key'=>'field_room_type','label'=>'Tipe
            Kamar','name'=>'room_type','type'=>'select','choices'=>array('double'=>'Double','triple'=>'Triple','quad'=>'Quad')),
            array('key'=>'field_room_guest1','label'=>'Tamu 1','name'=>'room_guest1','type'=>'post_type','post_type'=>array('manifest')),
            array('key'=>'field_room_guest2','label'=>'Tamu 2','name'=>'room_guest2','type'=>'post_type','post_type'=>array('manifest')),
            array('key'=>'field_room_guest3','label'=>'Tamu 3
            (opsional)','name'=>'room_guest3','type'=>'post_type','post_type'=>array('manifest')),
            array('key'=>'field_room_guest4','label'=>'Tamu 4
            (opsional)','name'=>'room_guest4','type'=>'post_type','post_type'=>array('manifest')),
            'location' => array(array(array('param'=>'post_type','operator'=>='','value'=>'rooming_list'))),
        ));

    // Kloter Fields
    acf_add_local_field_group(array(
        'key' => 'group_kloter',
        'title' => 'Data Kloter',
        'fields' => array(
            array('key'=>'field_kl_kode','label'=>'Kode Kloter','name'=>'kloter_kode','type'=>'text','required'=>1),
            array('key'=>'field_kl_nama','label'=>'Nama Kloter','name'=>'kloter_nama','type'=>'text'),
            array('key'=>'field_kl_tgl_berangkat','label'=>'Tanggal Berangkat','name'=>'kloter_tgl_berangkat','type'=>'date_picker'),
            array('key'=>'field_kl_tgl_pulang','label'=>'Tanggal Pulang','name'=>'kloter_tgl_pulang','type'=>'date_picker'),
            array('key'=>'field_kl_maskapai','label'=>'Maskapai','name'=>'kloter_maskapai','type'=>'text'),
            array('key'=>'field_kl_kapasitas','label'=>'Kapasitas','name'=>'kloter_kapasitas','type'=>'number'),
            array('key'=>'field_kl_berangkat_dari','label'=>'Berangkat Dari','name'=>'kloter_berangkat_dari','type'=>'text'),

            array('key'=>'field_kl_status','label'=>'Status','name'=>'kloter_status','type'=>'select','choices'=>array('draft'=>'Draft','aktif'=>'Aktif','berar

            'location' => array(array(array('param'=>'post_type','operator'=>='','value'=>'kloter_grup'))),
        ));

    // Document Fields (ditambahkan ke CPT manifest)
    acf_add_local_field_group(array(
        'key' => 'group_dokumen',
        'title' => 'Dokumen Jamaah',
        'fields' => array(
            array('key'=>'field_doc_visia','label'=>'Status
            Visa','name'=>'doc_visia_status','type'=>'select','choices'=>array('pending','approved','rejected'),'default_value'=>'pending'),
            array('key'=>'field_doc_visia_date','label'=>'Tanggal Visa','name'=>'doc_visia_date','type'=>'date_picker'),
            array('key'=>'field_doc_tiket','label'=>'Status
```

```
Tiket', 'name'=>'doc_tiket_status', 'type'=>'select', 'choices'=>array('pending', 'issued', 'used'), 'default_value'=>'pending'),
    array('key'=>'field_doc_vaksin', 'label'=>'Status
Vaksin', 'name'=>'doc_vaksin_status', 'type'=>'select', 'choices'=>array('pending', 'done', 'exempt'), 'default_value'=>'pending'),
array('key'=>'field_doc_ktp', 'label'=>'KTP', 'name'=>'doc_ktp', 'type'=>'select', 'choices'=>array('ada', 'tidak_ada'), 'default_value'=>'ada'),
array('key'=>'field_doc_kk', 'label'=>'KK', 'name'=>'doc_kk', 'type'=>'select', 'choices'=>array('ada', 'tidak_ada'), 'default_value'=>'ada'),
array('key'=>'field_doc_foto', 'label'=>'Foto', 'name'=>'doc_foto', 'type'=>'select', 'choices'=>array('ada', 'tidak_ada'), 'default_value'=>'ada'),
    ),
    'location' => array(array(array('param'=>'post_type', 'operator'=>'=', 'value'=>'manifest'))),
    ));
});
```

5. INSTALASI HOTEL SAUDI DASHBOARD

5.1 Install Tesseract OCR

```
sudo apt install tesseract-ocr tesseract-ocr-eng tesseract-ocr-ara -y
```

Verifikasi:

```
tesseract --version
# tesseract 5.3.4
```

5.2 Install TCPDF (untuk PDF Invoice)

```
cd /var/www/hotelsaudi/wp-content/plugins
sudo -u www-data mkdir -p tcpdf
cd /tmp
sudo -u www-data wget https://github.com/tecnickcom/tcpdf/releases/download/6.6.5/tcpdf_6.6.5.zip
sudo unzip tcpdf_6.6.5.zip -d /var/www/hotelsaudi/wp-content/plugins/tcpdf/
```

5.3 Install Plugin Dashboard

Copy file utama plugin:

```
# Copy dari server existing
scp user@existing-server:/var/www/hotelsaudi/wp-content/plugins/hotelsaudi-dashboard.php \
/var/www/hotelsaudi/wp-content/plugins/

# Atau buat manual (lihat kode lengkap di bagian 12)
sudo chown www-data:www-data /var/www/hotelsaudi/wp-content/plugins/hotelsaudi-dashboard.php
```

Aktivasi:

```
sudo -u www-data wp plugin activate hotelsaudi-dashboard --path=/var/www/hotelsaudi
```

5.4 Set Permissions

```
sudo chown -R www-data:www-data /var/www/hotelsaudi
sudo find /var/www/hotelsaudi -type d -exec chmod 755 {} \;
sudo find /var/www/hotelsaudi -type f -exec chmod 644 {} \;
```

5.5 Set Kurs Mata Uang

Masuk ke admin → 🏠 Hotel Saudi → 💰 Kurs: - Kurs SAR ke IDR: 2.750 (default) - Auto Update: Opsional (hubungkan API) - Simpan

6. STRUCTURE DATABASE

6.1 Custom Post Types

CPT	Deskripsi	Total Fields
allotment_hotel	Kontrak hotel	9
manifest	Data jamaah	20+ (termasuk dokumen)
rooming_list	Penempatan kamar	7
kloter_grup	Grup/kloter	7
paket_umroh	Paket umroh	15+
transport	Transport	15+
kesehatan	Medical record	17
keuangan	Transaksi keuangan	11
agen_reseller	Data agen	15+
qr_checkin	QR check-in	8

6.2 Public Pages

Page	Shortcode	URL
Portal Jamaah	[hs_portal_jamaah]	/portal-jamaah/
Paket Umroh	[hs_paket_listing]	/paket-umroh-kami/
Jadwal Transport	[hs_transport_schedule]	/jadwal-transport/
Status Kesehatan	[hs_health_dashboard]	/status-kesehatan-jamaah/
Laporan Keuangan	[hs_financial_report]	/laporan-keuangan/
Portal Agen	[hs_agen_portal]	/portal-agen/
QR Check-in	[hs_qr_checkin]	/checkin/

7. PENGOPERAN (ADMIN)

7.1 Login Admin

URL: <https://hotelsaudi.my.id/wp-admin>
 Username: admin

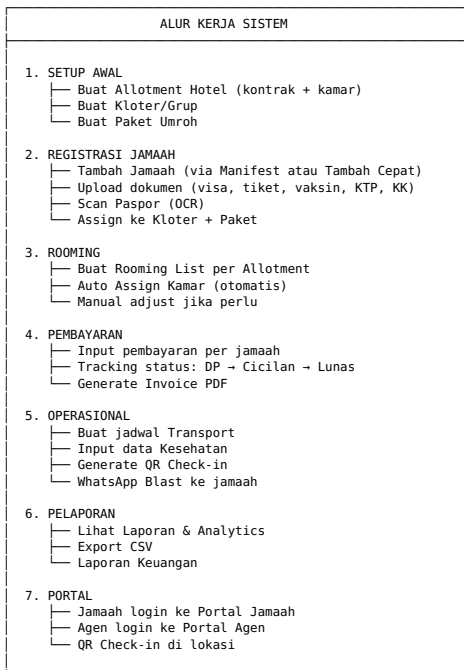
Password: (sesuai yang dibuat saat instalasi)

7.2 Menu Dashboard

Setelah login, menu **Hotel Saudi** muncul di sidebar kiri dengan submenu:

Ringkasan	→ Dashboard utama dengan statistik
Allotment	→ Kelola kontrak hotel
Manifest	→ Kelola data jamaah
Rooming List	→ Penempatan kamar
Auto Assign	→ Otomatis assign kamar
Pembayaran	→ Tracking pembayaran jamaah
WhatsApp	→ Broadcast WhatsApp
Kloter	→ Kelola kloter/grup
Dokumen	→ Tracking visa, tiket, vaksin
Laporan	→ Laporan & analytics
Invoice	→ Generate PDF invoice
Kalender	→ Kalender check-in/out
Tambah Cepat	→ Form tambah data cepat
Paspor OCR	→ Scan paspor otomatis
Export CSV	→ Export data ke CSV
Kurs	→ Pengaturan kurs mata uang
Backup	→ Backup database
Paket Umroh	→ Kelola paket umroh
Transport	→ Kelola transport
Kesehatan	→ Medical record jamaah
Keuangan	→ Laporan keuangan
Agen/Reseller	→ Kelola agen/reseller
QR Check-in	→ Generate & kelola QR

7.3 Alur Kerja (Workflow)



7.4 Manajemen Jamaah

Tambah Jamaah Baru: 1. **Hotel Saudi** → **Manifest** → Tambah Jamaah Baru 2. Isi data: Nama, Email, Telepon, Paspor, Tanggal Lahir, dll 3. Upload foto paspor (opsional, untuk OCR) 4. Assign ke Kloter dan Paket 5. Simpan

Scan Paspor (OCR): 1. **Hotel Saudi** → **Paspor OCR** 2. Upload foto/scan paspor 3. Sistem otomatis ekstrak: Nama, Nomor Paspor, Tanggal Lahir, dll 4. Review dan simpan

7.5 Manajemen Keuangan

Input Transaksi: 1. **Hotel Saudi** → **Keuangan** 2. Klik "Tambah Transaksi" 3. Isi: Deskripsi, Tanggal, Tipe (Pemasukan/Pengeluaran), Kategori, Jumlah SAR/IDR 4. Simpan

Kategori Pemasukan: Paket, Komisi, Lainnya **Kategori Pengeluaran:** Hotel, Tiket, Visa, Transport, Makan, Kesehatan, Ziarah, Komisi, Operasional, Lainnya

7.6 QR Check-in

Generate QR: 1. **Hotel Saudi** → **QR Check-in** 2. Pilih Jamaah, Tipe Event, Lokasi 3. Klik "Generate QR" 4. QR Code muncul di tabel (bisa di-print atau screenshot)

Check-in (di lokasi): 1. Buka /checkin/ di HP/tablet 2. Scan QR Code jamaah (via kamera) 3. Atau masukkan token manual 4. Sistem verifikasi dan catat waktu check-in

8. PUBLIC PAGES & SHORTCODES

8.1 Portal Jamaah

URL: <https://hotelsaudi.my.id/portal-jamaah/> **Login:** Email + Nomor Paspor

Fitur: - Dashboard personal jamaah - Lihat data diri, paket, kloter - Lihat jadwal transport - Lihat status dokumen - Lihat riwayat kesehatan

8.2 Portal Agen

URL: <https://hotelsaudi.my.id/portal-agen/> **Login:** Email + Password WordPress

Fitur: - Dashboard statistik (total jamaah, pendapatan, komisi) - Tambah jamaah baru - Lihat daftar jamaah - Hapus jamaah

8.3 QR Check-in

URL: <https://hotelsaudi.my.id/checkin/>

Fitur: - Scan QR via kamera - Manual input token - Verifikasi real-time - Catat waktu check-in otomatis

8.4 Shortcode Reference

Shortcode	Page	Deskripsi
[hs_portal_jamaah]	Portal Jamaah	Login + dashboard jamaah
[hs_paket_listing]	Paket Umroh	Daftar paket (card view)
[hs_transport_schedule]	Jadwal Transport	Tabel jadwal transport
[hs_health_dashboard]	Status Kesehatan	Dashboard kesehatan
[hs_financial_report]	Laporan Keuangan	Ringkasan + tabel transaksi
[hs_agen_portal]	Portal Agen	Login + dashboard agen
[hs_qr_checkin]	QR Check-in	Scan/verifikasi QR

9. USER ROLES & ACCESS

9.1 Role System

Role	Akses
Administrator	Full access ke semua fitur
Agen/Reseller	Hanya Portal Agen (tambah jamaah, lihat data sendiri)
Subscriber	Tidak ada akses khusus

9.2 Membuat User Agen

- 🏠 Hotel Saudi → 🧑 Agen/Reseller → Tambah Agen Baru
- Isi data agen (nama, email, telepon, perusahaan, komisi %)
- Simpan
- WordPress user otomatis dibuat dengan role `agen_reseller`
- Default password: `agen123` (harus diubah pertama kali)

9.3 Test Login Agen

URL: <https://hotelsaudi.my.id/portal-agen/>
Email: `budi.santoso@email.com`
Password: `agen123`

10. BACKUP & RESTORE

10.1 Backup Manual

```
# Backup database
sudo mysqldump -u root -p wp_hotel > /backup/hotelsaudi_$(date +%Y%m%d).sql

# Backup files
sudo tar -czf /backup/hotelsaudi_files_$(date +%Y%m%d).tar.gz /var/www/hotelsaudi/
```

10.2 Backup via Dashboard

- 🏠 Hotel Saudi → 🗄️ Backup
- Klik "Backup Sekarang"
- File backup tersimpan di `/var/www/hotelsaudi/wp-content/backups/`

10.3 Restore

```
# Restore database
sudo mysql -u root -p wp_hotel < /backup/hotelsaudi_20260621.sql

# Restore files
sudo tar -xzf /backup/hotelsaudi_files_20260621.tar.gz -C /
```

11. TROUBLESHOOTING

11.1 Error 405 pada AJAX

Penyebab: Wordfence atau security plugin memblokir AJAX request **Solusi:** Gunakan POST form via `admin-post.php` (bukan AJAX)

11.2 PHP Parse Error

Penyebab: Syntax error di plugin file **Solusi:**

```
sudo php -l /var/www/hotelsaudi/wp-content/plugins/hotelsaudi-dashboard.php
```

11.3 Permission Denied

```
sudo chown -R www-data:www-data /var/www/hotelsaudi
sudo find /var/www/hotelsaudi -type d -exec chmod 755 {} \;
sudo find /var/www/hotelsaudi -type f -exec chmod 644 {} \;
```

11.4 Memory Exhausted

Edit wp-config.php:

```
define('WP_MEMORY_LIMIT', '512M');
```

11.5 Upload Size Limit

Edit /etc/php/8.3/fpm/php.ini:

```
upload_max_filesize = 64M
post_max_size = 64M
memory_limit = 512M
max_execution_time = 300
```

Lalu restart:

```
sudo systemctl restart php8.3-fpm
```

11.6 Nginx 502 Bad Gateway

```
# Cek PHP-FPM running
sudo systemctl status php8.3-fpm

# Cek socket path
grep "fastcgi_pass" /etc/nginx/sites-available/hotelsaudi.my.id
# Harus match dengan: /var/run/php/php8.3-fpm.sock

# Restart
sudo systemctl restart php8.3-fpm nginx
```

12. DEPLOYMENT KE VPS BARU

12.1 Checklist Pre-Deployment

- VPS Ubuntu 24.04 LTS
- Domain sudah pointing ke IP VPS
- SSL certificate (Certbot)
- LEMP stack terinstall
- Database MySQL dibuat
- WordPress terinstall
- Plugin wajib terinstall
- File plugin dashboard di-copy
- Permissions sudah benar
- TCPDF terinstall
- Tesseract OCR terinstall

12.2 Quick Deploy Script

Simpan sebagai deploy.sh:

```
#!/bin/bash
# =====
# Hotel Saudi ERP - Quick Deploy Script
# =====

set -e

# Config
DOMAIN="hotelsaudi.my.id"
WEB_ROOT="/var/www/hotelsaudi"
DB_NAME="wp_hotel"
DB_USER="wp_hotel_user"
DB_PASS="STRONG_PASSWORD_HERE"
WP_ADMIN="admin"
WP_ADMIN_PASS="ADMIN_PASSWORD_HERE"
WP_ADMIN_EMAIL="admin@hotelsaudi.my.id"

echo "=====
echo " Hotel Saudi ERP - Deployment Script"
echo "=====

# 1. System Update
echo "[1/10] Updating system..."
sudo apt update && sudo apt upgrade -y

# 2. Install LEMP
echo "[2/10] Installing LEMP stack..."
sudo apt install nginx mysql-server php8.3-fpm php8.3-mysql \
php8.3-curl php8.3-gd php8.3-mbstring php8.3-xml php8.3-zip \
php8.3-intl php8.3-bcmath php8.3-imagick -y

# 3. Install WP-CLI
echo "[3/10] Installing WP-CLI..."
curl -sO https://raw.githubusercontent.com/wp-cli/builds/gh-pages/phar/wp-cli.phar
chmod +x wp-cli.phar
sudo mv wp-cli.phar /usr/local/bin/wp

# 4. Install Tesseract OCR
echo "[4/10] Installing Tesseract OCR..."
sudo apt install tesseract-ocr tesseract-ocr-eng tesseract-ocr-ara -y

# 5. Setup Database
echo "[5/10] Setting up database..."
sudo mysql -e "CREATE DATABASE IF NOT EXISTS ${DB_NAME} CHARACTER SET utf8mb4 COLLATE utf8mb4_unicode_ci;"
sudo mysql -e "CREATE USER IF NOT EXISTS '${DB_USER}'@'localhost' IDENTIFIED BY '${DB_PASS}';"
sudo mysql -e "GRANT ALL PRIVILEGES ON ${DB_NAME}.* TO '${DB_USER}'@'localhost';"
sudo mysql -e "FLUSH PRIVILEGES;"
```

```

# 6. Download WordPress
echo "[6/10] Downloading WordPress..."
sudo mkdir -p ${WEB_ROOT}
cd /tmp
wget -q https://wordpress.org/latest.tar.gz
tar xzf latest.tar.gz
sudo cp -r /tmp/wordpress/* ${WEB_ROOT}/
sudo chown -R www-data:www-data ${WEB_ROOT}

# 7. Setup wp-config
echo "[7/10] Configuring WordPress..."
cd ${WEB_ROOT}
sudo -u www-data cp wp-config-sample.php wp-config.php
sudo -u www-data sed -i "s/database_name_here/${DB_NAME}/" wp-config.php
sudo -u www-data sed -i "s/username_here/${DB_USER}/" wp-config.php
sudo -u www-data sed -i "s/password_here/${DB_PASS}/" wp-config.php
sudo -u www-data sed -i "s/wp_/${DB_NAME:3}/" wp-config.php

# Generate salts
SALTS=$(curl -s https://api.wordpress.org/secret-key/1.1/salt/)
sudo -u www-data sed -i "/define('AUTH_KEY'/,\define('NONCE_SALT'/c\\${SALTS}" wp-config.php

# 8. Setup Nginx
echo "[8/10] Configuring Nginx..."
sudo tee /etc/nginx/sites-available/${DOMAIN} > /dev/null <<'NGINX'
server {
    listen 80;
    server_name DOMAIN_PLACEHOLDER www.DOMAIN_PLACEHOLDER;
    root WEB_ROOT_PLACEHOLDER;
    index index.php;

    location / {
        try_files $uri $uri/ /index.php?$args;
    }

    location ~ \.php$ {
        include snippets/fastcgi-php.conf;
        fastcgi_pass unix:/var/run/php/php8.3-fpm.sock;
    }

    location ~ /\.ht { deny all; }
    location ~ wp-config.php { deny all; }
}
NGINX

sudo sed -i "s|DOMAIN_PLACEHOLDER|${DOMAIN}|g" /etc/nginx/sites-available/${DOMAIN}
sudo sed -i "s|WEB_ROOT_PLACEHOLDER|${WEB_ROOT}|g" /etc/nginx/sites-available/${DOMAIN}
sudo ln -sf /etc/nginx/sites-available/${DOMAIN} /etc/nginx/sites-enabled/
sudo rm -f /etc/nginx/sites-enabled/default
sudo nginx -t && sudo systemctl reload nginx

# 9. Install WordPress via WP-CLI
echo "[9/10] Installing WordPress..."
sudo -u www-data wp core install \
--url="https://${DOMAIN}" \
--title="Hotel Saudi - Sistem Manajemen Hotel" \
--admin_user="${WP_ADMIN}" \
--admin_password="${WP_ADMIN_PASS}" \
--admin_email="${WP_ADMIN_EMAIL}" \
--path=${WEB_ROOT}

# 10. Install plugins & theme
echo "[10/10] Installing plugins & theme..."
sudo -u www-data wp plugin install advanced-custom-fields --activate --path=${WEB_ROOT}
sudo -u www-data wp plugin install custom-post-type-ui --activate --path=${WEB_ROOT}
sudo -u www-data wp plugin install wordpress-seo --activate --path=${WEB_ROOT}
sudo -u www-data wp plugin install contact-form-7 --activate --path=${WEB_ROOT}
sudo -u www-data wp plugin install elementor --activate --path=${WEB_ROOT}
sudo -u www-data wp theme install astra --activate --path=${WEB_ROOT}

# Install TCPDF
sudo mkdir -p ${WEB_ROOT}/wp-content/plugins/tcpdf
cd /tmp
wget -q https://github.com/tecnickcom/tcpdf/releases/download/6.6.5/tcpdf_6.6.5.zip
sudo unzip -o tcpdf_6.6.5.zip -d ${WEB_ROOT}/wp-content/plugins/tcpdf/

# Create mu-plugins directory
sudo mkdir -p ${WEB_ROOT}/wp-content/mu-plugins

# Set permissions
sudo chown -R www-data:www-data ${WEB_ROOT}
sudo find ${WEB_ROOT} -type d -exec chmod 755 {} \;
sudo find ${WEB_ROOT} -type f -exec chmod 644 {} \;

echo ""
echo "=====
echo " DEPLOYMENT COMPLETE!"
echo "=====
echo ""
echo " WordPress Admin:"
echo "   URL:      https://${DOMAIN}/wp-admin"
echo "   Username: ${WP_ADMIN}"
echo "   Password: ${WP_ADMIN_PASS}"
echo ""
echo " Next Steps:"
echo "   1. Setup SSL: sudo certbot --nginx -d ${DOMAIN}"
echo "   2. Copy hotelsaudi-dashboard.php to plugins/"
echo "   3. Copy mu-plugins files"
echo "   4. Activate plugin: wp plugin activate hotelsaudi-dashboard"
echo "   5. Create public pages with shortcodes"
echo ""

```

12.3 Post-Deploy Steps

Setelah script di atas jalan, lakukan:

```
# 1. SSL
```

```

sudo certbot --nginx -d hotelsaudi.my.id -d www.hotelsaudi.my.id

# 2. Copy plugin dashboard (dari server existing)
scp hotelsaudi-dashboard.php user@new-server:/var/www/hotelsaudi/wp-content/plugins/

# 3. Copy mu-plugins
scp -r mu-plugins/* user@new-server:/var/www/hotelsaudi/wp-content/mu-plugins/

# 4. Activate plugin
sudo -u www-data wp plugin activate hotelsaudi-dashboard --path=/var/www/hotelsaudi

# 5. Create public pages
sudo -u www-data wp post create --post_type=page --post_title='Portal Jamaah' --post_status=publish --post_content='[hs_portal_jamaah]' --
path=/var/www/hotelsaudi
sudo -u www-data wp post create --post_type=page --post_title='Paket Umroh Kami' --post_status=publish --post_content='[hs_paket_listing]'
path=/var/www/hotelsaudi
sudo -u www-data wp post create --post_type=page --post_title='Jadwal Transport' --post_status=publish --post_content='[hs_transport_sched
-path=/var/www/hotelsaudi
sudo -u www-data wp post create --post_type=page --post_title='Status Kesehatan Jamaah' --post_status=publish --
post_content='[hs_health_dashboard]' --path=/var/www/hotelsaudi
sudo -u www-data wp post create --post_type=page --post_title='Laporan Keuangan' --post_status=publish --post_content='[hs_financial_repor
path=/var/www/hotelsaudi
sudo -u www-data wp post create --post_type=page --post_title='Portal Agen' --post_status=publish --post_content='[hs_agen_portal]' --
path=/var/www/hotelsaudi
sudo -u www-data wp post create --post_type=page --post_title='QR Check-in' --post_status=publish --post_content='[hs_qr_checkin]' --
post_name='checkin' --path=/var/www/hotelsaudi

# 6. Flush rewrite rules
sudo -u www-data wp rewrite flush --path=/var/www/hotelsaudi

# 7. Set currency rate
sudo -u www-data wp option update hs_currency_rate 2750 --path=/var/www/hotelsaudi

# 8. Restart PHP-FPM
sudo systemctl restart php8.3-fpm

echo "Done! Buka https://hotelsaudi.my.id/wp-admin"

```

12.4 Verifikasi Deployment

```

# Cek plugin aktif
sudo -u www-data wp plugin list --path=/var/www/hotelsaudi

# Cek CPT terdaftar
sudo -u www-data wp post list --post_type=all --post_status=any --fields=post_type --path=/var/www/hotelsaudi | sort | uniq -c

# Cek pages
sudo -u www-data wp post list --post_type=page --post_status=publish --path=/var/www/hotelsaudi

# Cek PHP errors
sudo php -l /var/www/hotelsaudi/wp-content/plugins/hotelsaudi-dashboard.php

# Cek error log
sudo tail -20 /var/log/nginx/error.log
sudo tail -20 /var/log/php8.3-fpm.log

```

LAMPIRAN

A. File Structure

```

/var/www/hotelsaudi/
├── wp-content/
│   ├── plugins/
│   │   ├── hotelsaudi-dashboard.php  ← Plugin utama (3502 lines)
│   │   ├── tcpdf/                    ← Library PDF
│   │   ├── advanced-custom-fields/   ← ACF Pro
│   │   ├── custom-post-type-ui/     ← CPT UI
│   │   ├── wordfence/                ← Security
│   │   ├── wordpress-seo/           ← Yoast SEO
│   │   ├── elementor/               ← Page builder
│   │   └── contact-form-7/          ← Contact form
│   ├── mu-plugins/
│   │   ├── cpt-allotment.php         ← CPT: allotment, manifest, rooming, kloter
│   │   └── acf-fields.php            ← ACF fields untuk semua CPT
│   ├── themes/
│   │   └── astra/                    ← Tema Astra
│   ├── uploads/                     ← Media uploads
│   └── wp-config.php
└── ...

```

B. Database Tables

WordPress default tables (prefix: wp_hotel_): - wp_hotel_posts — Semua post types - wp_hotel_postmeta — Meta data - wp_hotel_users — User accounts - wp_hotel_usermeta — User meta - wp_hotel_options — Site options - wp_hotel_terms — Terms/taxonomies

C. Cron Jobs

```

# Backup database harian (via plugin)
# 0 2 * * * wp cron event run --due-now --path=/var/www/hotelsaudi

```

D. Security Checklist

- wp-config.php tidak bisa diakses dari web
- File editing dimatikan (DISALLOW_FILE_EDIT)
- SSL aktif
- Wordfence aktif
- Strong password untuk admin
- Table prefix bukan wp_
- Backup rutin
- PHP version terbaru
- File permissions benar (644/755)

E. Performance Tips

1. **Enable OPcache** di `/etc/php/8.3/fpm/php.ini`:

```
opcache.enable=1
opcache.memory_consumption=256
opcache.max_accelerated_files=10000
```

2. **Redis Object Cache** (optional):

```
sudo apt install redis-server php8.3-redis -y
sudo -u www-data wp plugin install redis-cache --activate --path=/var/www/hotelsaudi
sudo -u www-data wp redis enable --path=/var/www/hotelsaudi
```

3. **Nginx FastCGI Cache** (optional): Tambahkan di nginx config untuk cache statis.

Dokumen ini dibuat oleh OWL AI Agent — Juni 2026 Untuk pertanyaan atau update, hubungi developer.