HRIS Aratech - Quick Reference

🚀 Startup Commands

First Time Setup (Fresh Install)

```
# 1. Setup environment
copy .env.example .env
php artisan key:generate

# 2. Setup database (with auto-seed)
php artisan migrate:fresh --seed
```

Subsequent Startups

```
# Just start the server - data sudah permanent di database!
php artisan serve
# atau jika pakai XAMPP: buka http://localhost:8000
```

📊 Data Sync Commands

```
# Sync/update semua data dummy (aman, tidak duplicate)
php artisan sync:dummy-data

# Fresh database + seed semua data
php artisan migrate:fresh --seed

# Hanya seed data ke database yang sudah ada
php artisan db:seed
```

🔧 Maintenance Commands

```
# Clear cache jika ada issue
php artisan cache:clear
php artisan config:clear
php artisan route:clear
php artisan view:clear

# Clear semua cache sekaligus

# Migrate database
php artisan migrate
```

```
# Check database status
php artisan tinker
```

👤 Test Akun (Built-in)

Email	Password	Role	Akses
admin@example.com	password	HR	Menu lengkap
manager@example.com	password	Manager	Team, KPI, Reports
employee3@example.com	password	Developer	Personal KPI, Tasks, Letters
employee4@example.com	password	Power User	Extended access
employee5@example.com	password	Power User	Extended access

📍 URL Penting

Halaman	URL
Dashboard	http://localhost:8000/dashboard
Login	http://localhost:8000/login
Employees	http://localhost:8000/employees
Tasks	http://localhost:8000/tasks
Letters	http://localhost:8000/letters
KPI Dashboard	http://localhost:8000/kpi/dashboard
Team KPI	http://localhost:8000/kpi/team
Reports	http://localhost:8000/reports/executive
Profile	http://localhost:8000/profile

🗂 Data Structure

Database Tables (20+)

- users, employees, roles, departments
- tasks, leave_requests, presences, payrolls
- letters, letter_templates, letter_configurations
- signatures, signature_logs
- kpis, employee_kpi_records
- inventories, inventory_categories, inventory_usage_logs
- dan lainnya...

Seeder File

- app/Console/Commands/SyncAllDummyData.php - Master seeder dengan semua data

Model Files

- app/Models/* - 20+ model dengan relationships

⚙️ Konfigurasi Penting (.env)

```
APP_NAME="HRIS Aratech"
APP_URL=http://localhost:8000

DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=hrapps
DB_USERNAME=root
DB_PASSWORD=
```

🐌 Troubleshooting

Database Issues

```
# Reset database dan seed ulang
php artisan migrate:fresh --seed

# Atau hanya reset tanpa seed
php artisan migrate:refresh
```

Cache Issues

```
# Clear semua cache
php artisan optimize:clear
```

Permission Issues

```
# Jika ada permission error, pastikan folder writable
chmod -R 775 storage bootstrap/cache
```

Port Sudah Digunakan

```
# Gunakan port lain
php artisan serve --port=8001
```

📋 Permanent Data Checklist

☑ Roles (4) - tidak perlu di-setup lagi
☑ Departments (5) - tidak perlu di-setup lagi
☑ Employees (5) - tidak perlu di-setup lagi
☑ KPIs (10) - tidak perlu di-setup lagi
☑ Letter Templates (5) - tidak perlu di-setup lagi
☑ Letter Configuration - tidak perlu di-setup lagi
☑ Inventory Categories (5) - tidak perlu di-setup lagi
☑ Inventory Items (5) - tidak perlu di-setup lagi
☑ Tasks & Leave Requests - sample data siap testing
☑ KPI Records (50+) - data siap untuk dashboard

🔐 Security Notes

- Akun test menggunakan password sederhana (untuk development saja!)
- Jangan gunakan di production tanpa mengubah password
- Update role-based access sesuai kebutuhan
- Implementasikan proper authentication untuk live

📞 Support

Jika ada issues:

1. Baca SETUP_GUIDE.md untuk detail lengkap
2. Jalankan `php artisan sync:dummy-data` untuk reset data
3. Clear cache dengan `php artisan optimize:clear`
4. Restart server

Semua data sudah PERMANENT dan tidak akan hilang saat server restart! 🎉