

Directory Structure

```
ondelivery-api/
├── ondeliv-backend.js    # Main application entry point
├── package.json         # Dependencies and scripts
├── README.md           # Basic project information
├── BACKEND_DOCUMENTATION.md # This file
|
├── app/                # Application code
|   ├── config/         # Configuration files
|   |   ├── api.js      # External API endpoints
|   |   ├── auth.config.js # JWT secret configuration
|   |   └── db.config.js # Database connection config
|   |
|   ├── controllers/    # Business logic controllers
|   |   ├── 3p/         # 3rd-party courier integrations
|   |   |   ├── jne.controller.js
|   |   |   ├── lion-parcel.controller.js
|   |   |   ├── jt-cargo.controller.js
|   |   |   └── anteraja.controller.js
|   |   └── sapx.controller.js
|   |
|   ├── auth/          # Authentication controllers
|   |   ├── check-fee/ # Fee calculation logic
|   |   ├── driver-app/ # Driver mobile app
|   |   ├── finance/   # Financial operations
|   |   ├── incoming-scans/ # Receiving, delivery, problems
|   |   ├── marketplace/ # Marketplace integrations
|   |   ├── outgoing-scans/ # Packing, handover operations
|   |   ├── quality-management/ # Weight, POD, POP
|   |   ├── reports/   # Report generation
|   |   ├── trucking/  # Trucking operations
|   |   └── waybill/   # Waybill CRUD operations
|   |
|   ├── middleware/    # Express middleware
|   |   ├── authJwt.js # JWT token verification
|   |   ├── passport.js # Passport strategies
|   |   └── error_param_handler.js # Error handling
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| |
| |─ models/          # Sequelize ORM models (52+ models)
| |  |─ index.js      # Model aggregation
| |  |─ scans.model.js # Tracking status records
| |  |─ partners.model.js # Courier partner data
| |  |─ user.model.js  # User accounts
| |  |─ waybill_numbers.model.js # AWB tracking
| |  |─ resi_3p.model.js # 3P waybill mapping
| |  └─ [48+ other models]
| |
| |─ routes/          # API route definitions
| |  |─ auth.routes.js # Authentication endpoints
| |  |─ waybill/       # Waybill routes
| |  |─ incoming_scans/ # Incoming scan routes
| |  |─ outgoing_scans/ # Outgoing scan routes
| |  |─ reports/       # Report routes
| |  |─ 3p.routes.js   # 3P integration webhooks
| |  └─ [35+ route files]
| |
| |─ schemas/         # JSON validation schemas (AJV)
| |  └─ [validation definitions]
| |
| |─ schedulers/      # Cron job definitions
| |  |─ update-resi-status.js
| |  └─ transaction-terminator.js
| |
| |─ status/          # Status mapping JSON files
| |  └─ [courier status mappings]
| |
| |─ utility/         # Helper utilities
| |  |─ check-fee.util.js # Fee calculation helpers
| |  |─ service.util.js  # Service utilities
| |  |─ waybill.util.js  # Waybill helpers
| |  └─ web-hook.js     # Webhook utilities
| |
| |─ maping/          # Data mapping files
| |  └─ jntcargo-special-pricing.json
| |
| |─ fonts/           # Custom fonts for PDF generation
|
└─ assets/           # Static assets
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├─ resources/           # Resource files
|  └─ temp/            # Temporary files
|     └─ img/         # Image uploads
|        └─ pickup/
|           └─ delivery/
|              └─ pickup_eatsok/
|                 └─ delivery_eatsok/
|                    └─ agent/
|                       └─ [generated files]
|
├─ scripts/           # Utility scripts
├─ tests/            # Test files
├─ check_fee_test.js  # Fee calculation tests
├─ check_price.js     # Price checking script
└─ debug_provinces.js # Province debugging utility
```

Revision #1

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