Backend API Endpoints Summary

User Service (Port: 5001)

Authentication

- `POST /api/auth/login` - User login
- `POST /api/auth/register` - User registration

Users Management

- `GET /api/users` - Get paginated users list
- `GET /api/users/{id}` - Get user by ID

Audit Logs

- `GET /api/audit/logs` - Get audit logs with pagination

Item Service (Port: 5002)

Items Management

- `GET /api/items` - Get paginated items (with status/state filters)
- `GET /api/items/{id}` - Get item by ID
- `POST /api/items` - Create new item
- `PUT /api/items/{id}/status` - Update item status

Batch Management

- `GET /api/batches` - Get paginated batches
- `GET /api/batches/{id}` - Get batch by ID
- `POST /api/batches` - Create new batch with items

Analytics

- `GET /api/analytics/dashboard` - Get dashboard statistics
- `GET /api/analytics/delivery-performance` - Get delivery performance metrics

Tracking

- `GET /api/tracking/item/{itemNumber}` - Track item by number
- `GET /api/tracking/qr/{qrCode}` - Track item by QR code

Delivery Service (Port: 5003)

Deliveries Management

- `GET /api/deliveries` - Get deliveries (with riderId filter)

- `POST /api/deliveries/assign` - Assign delivery to rider
- `PUT /api/deliveries/{id}/pickup` - Mark delivery as picked up
- `PUT /api/deliveries/{id}/deliver` - Mark delivery as delivered with proof

Riders Management

- `GET /api/riders` - Get riders (with region filter)
- `GET /api/riders/available` - Get available riders
- `GET /api/riders/{id}` - Get rider by ID
- `POST /api/riders` - Create new rider
- `PUT /api/riders/{id}/status` - Update rider status

Hubs Management

- `GET /api/hubs` - Get all hubs
- `GET /api/hubs/{id}` - Get hub by ID
- `POST /api/hubs` - Create new hub

Notification Service (Port: 5004)

Notifications

- `POST /api/notifications/sms` - Send SMS notification
- `POST /api/notifications/email` - Send email notification
- `POST /api/notifications/push` - Send push notification

API Gateway (Port: 5000)

- Routes all requests to appropriate microservices
- Swagger documentation available at `/swagger`

Missing Endpoints Added:

1. **Audit logs endpoint** for tracking user actions
2. **Item tracking endpoints** for applicant tracking by item number/QR code
3. **Delivery performance analytics** for advanced dashboard metrics
4. **Rider status update** for managing rider availability

All endpoints support:

- Consistent API response format
- Pagination where applicable
- Error handling with structured responses
- Swagger documentation