Let me analyze the main functionality by looking at key components and pages to provide a clear summary of what the system does.

Based on the code analysis, here's a clear summary of what the FleetRun system does:

Core Purpose

FleetRun is a comprehensive fleet management system designed to help companies manage their trucking operations efficiently. It's essentially a digital platform for managing a fleet of trucks and their drivers.

Main Features

1. Driver Management

- Track driver information (license numbers, passport details, contact info)

- Monitor driver status (active/inactive)

- Track driver performance metrics (ratings, number of trips)

- Record and manage driver incidents

- Driver onboarding and profile management

2. Truck Management

- Track total fleet size

- Monitor truck availability

- Track maintenance schedules

- Manage truck assignments

- Monitor truck utilization rates

3. Incident Management

- Record and track incidents (accidents, violations, complaints)

- Categorize incidents by severity

- Track incident resolution status

- Monitor incident patterns

- Generate incident reports

4. Analytics & Reporting

- Real-time fleet utilization metrics

- Driver performance analytics

- Incident tracking and analysis

- Maintenance scheduling

- Performance trends and comparisons

5. Facility Management

- Track multiple facilities

- Monitor facility-specific metrics

- Manage facility resources

Key Metrics Tracked

1. Fleet Metrics

- Total number of trucks

- Available trucks

- Fleet utilization rate

- Maintenance status

2. Driver Metrics

- Total drivers

- Active drivers

- Driver ratings

- Number of trips

- Incident history

3. Operational Metrics

- Total incidents

- Open incidents

- Resolution rates

- Performance trends

User Interface

- Modern dashboard with real-time metrics

- Interactive data visualization

- Easy navigation through different sections

- Responsive design for various devices

- Dark/light theme support

Security Features

- User authentication

- Role-based access control

- Secure data handling

- Protected API endpoints

Business Benefits

1. Operational Efficiency

- Better resource allocation

- Improved fleet utilization

- Streamlined incident management

- Enhanced maintenance scheduling

2. Risk Management

- Proactive incident tracking

- Driver performance monitoring

- Compliance tracking

- Safety management

3. Cost Optimization

- Better fleet utilization

- Reduced downtime

- Improved maintenance scheduling

- Enhanced resource allocation

This system essentially serves as a comprehensive solution for companies that need to manage a fleet of trucks and drivers, helping them optimize operations, reduce risks, and improve overall efficiency in their transportation operations.