

Last indexed: 11 August 2025 (172577)

Overview

Repository Structure

Getting Started

Project 1: Product Management (Proy1)

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Product Management System

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Project 2: Course Platform (Proy2_Cursos)

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Authentication & Middleware

Development & Testing

Project 3: Food Delivery Platform (Proy3_Pedidos)

Architecture & Dependencies

Database Models & Schema

Environment & Configuration

Development Environment

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Environment & Configuration

> Relevant source files

This page covers the environment variable management, version control configuration, and development workspace setup for the FoodExpress food delivery platform (Proy3_Pedidos). This includes the `.env` file structure, `.gitignore` patterns, and VS Code workspace configuration specific to the third project.


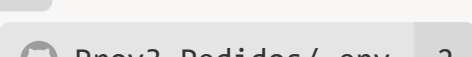
For overall development environment setup including Docker containers, see [Development Environment](#). For dependency management across all projects, see [Dependency Management](#). For the broader architecture and technology stack of Proy3_Pedidos, see [Architecture & Dependencies](#).

Environment Variables Configuration

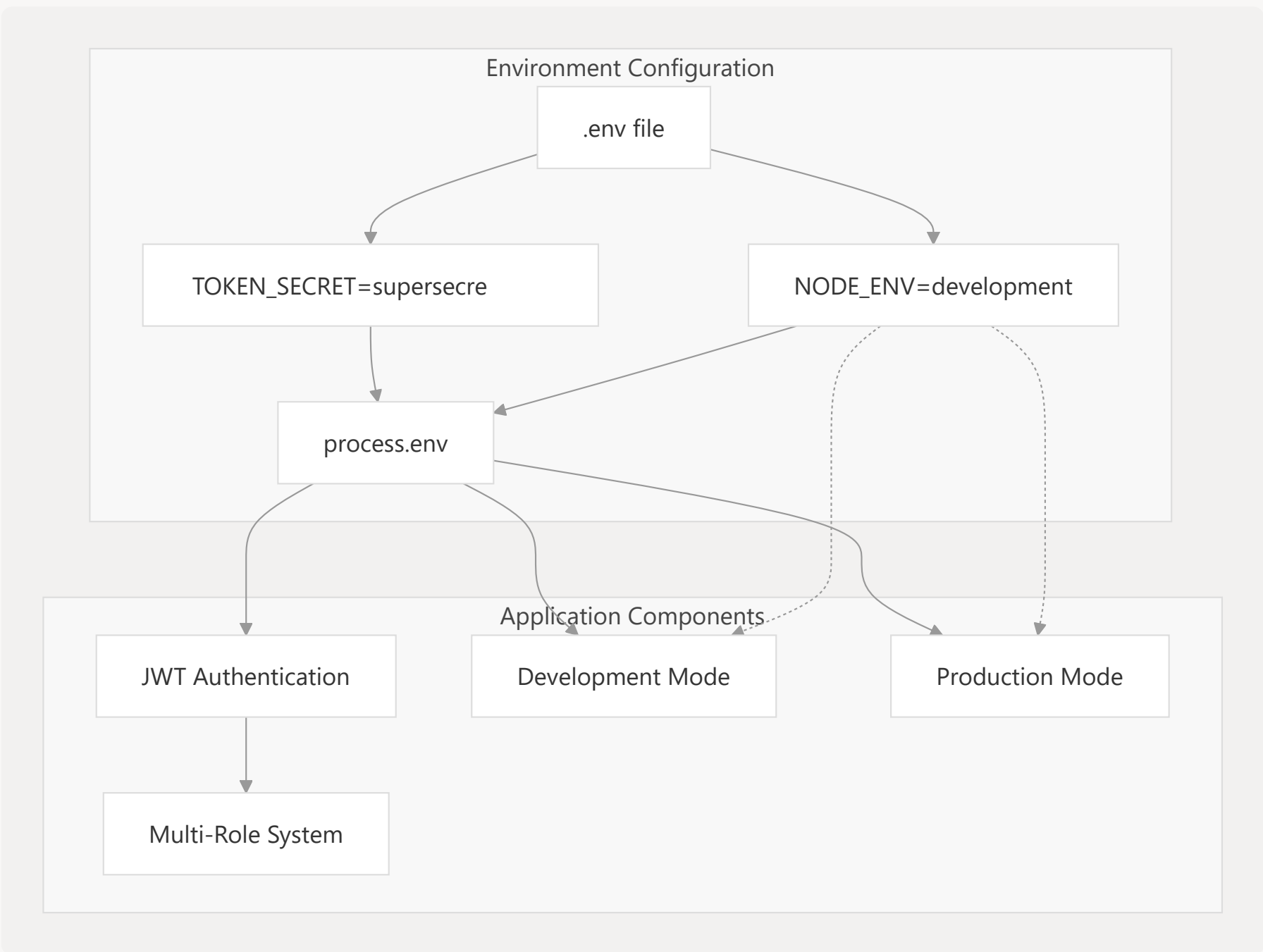
The FoodExpress platform uses environment variables to manage sensitive configuration data and deployment settings. The primary configuration is stored in the `.env` file at the project root.

Core Environment Variables

Variable	Value	Purpose
<code>TOKEN_SECRET</code>	<code>supersecrettoken</code>	JWT token signing secret for authentication
<code>NODE_ENV</code>	<code>development</code>	Environment mode (development/production)

The `TOKEN_SECRET` variable  [1](#) is used for JWT token signing in the multi-role authentication system. The `NODE_ENV` variable  [2](#) controls the application's runtime behavior and enables development-specific features.

Environment Configuration Flow



Sources:  [1-2](#)

Version Control Configuration

The `.gitignore` file defines which files and directories are excluded from version control. This ensures sensitive data and build artifacts are not committed to the repository.

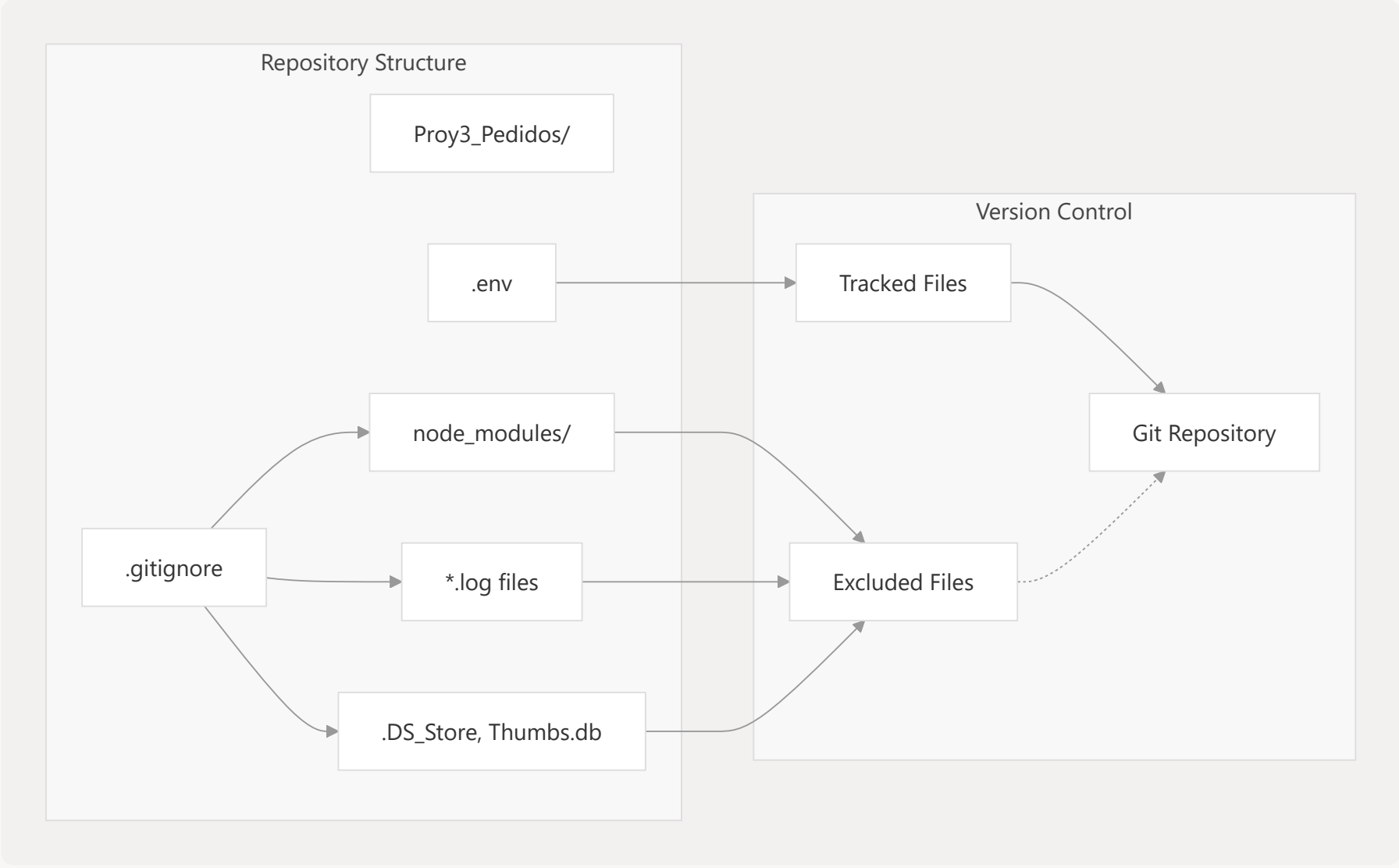
Excluded Categories


The version control exclusions are organized into several categories

 [1-17](#) :

Category	Files/Patterns	Purpose
Dependencies	<code>/node_modules</code>	NPM package dependencies
Environment	(commented out)	Environment variable files
Logs	<code>*.log</code> , <code>npm-debug.log*</code> , etc.	Runtime and debug logs
OS Files	<code>.DS_Store</code> , <code>Thumbs.db</code>	Operating system generated files

Git Exclusion Pattern Structure

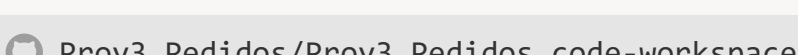


Sources:  [1-17](#)

Development Workspace Configuration

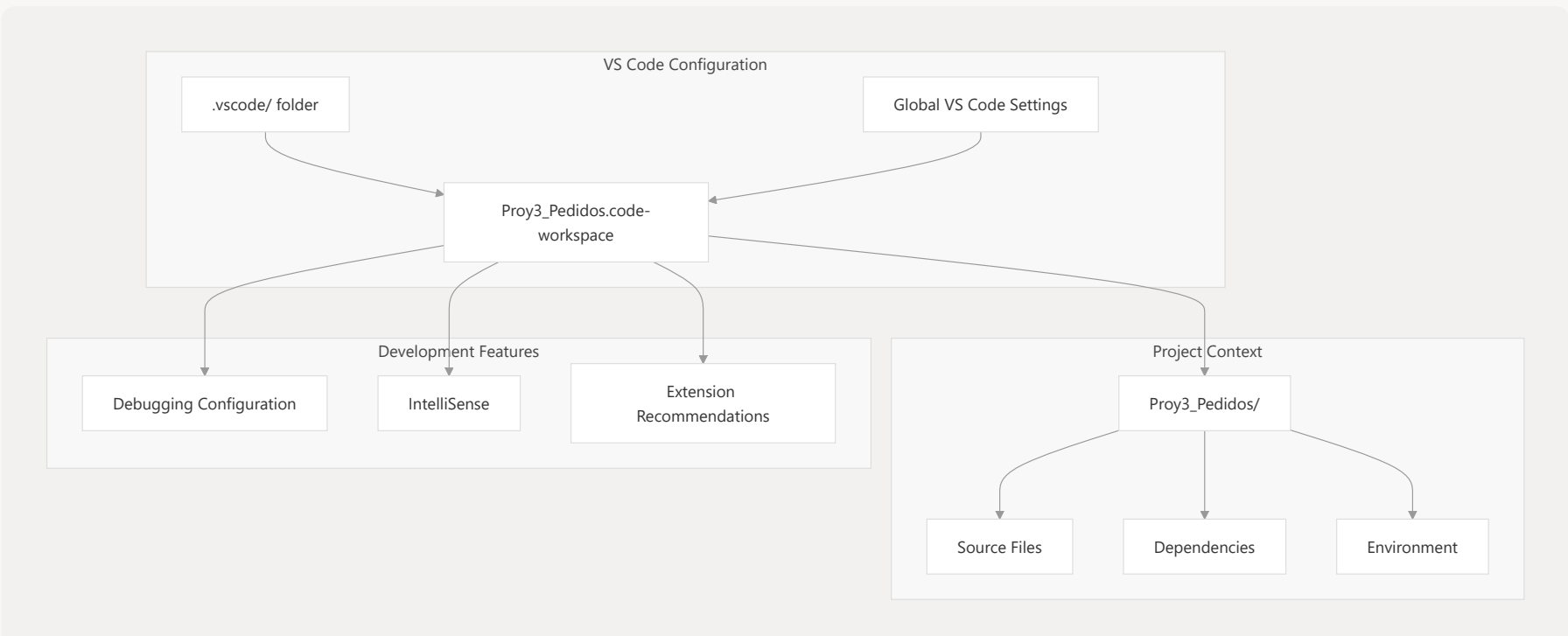
The VS Code workspace configuration provides project-specific settings and debugging capabilities for the FoodExpress platform.

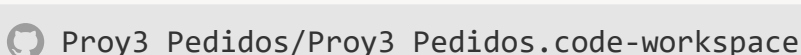
Workspace Structure

The workspace configuration  [1-7](#) defines a single folder workspace pointing to the current directory. This enables VS Code to recognize the project structure and apply appropriate settings.

```
{
  "folders": [
    {
      "path": ". ."
    }
  ]
}
```

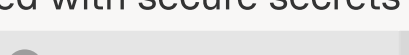
Configuration Hierarchy



Sources:  [1-7](#)

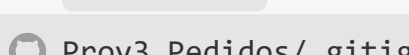
Security and Deployment Considerations

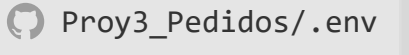
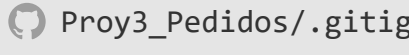
Environment Variable Security

The current `.env` file contains placeholder values that should be replaced with secure secrets in production environments. The `TOKEN_SECRET` value of `supersecrettoken`  [1](#) is suitable for development but requires a cryptographically secure random string for production deployment.

Configuration Best Practices

Practice	Implementation	Purpose
Secret Management	Use secure random values for <code>TOKEN_SECRET</code>	Prevent token forgery
Environment Separation	Different <code>.env</code> files per environment	Isolate configuration
Version Control	<code>.env</code> files in <code>.gitignore</code>	Protect sensitive data
Documentation	Environment variable documentation	Team coordination

The `.gitignore` file currently has environment variables commented out  [4-5](#) which means the `.env` file is tracked in version control. For production deployments, this should be uncommented to exclude environment files.

Sources:  [1-2](#)  [4-5](#)