

Orden	Funcionalidad	Status	Observación
1	calculateDifference method	Math abs Acceptable Correctly calculates the difference. Idon handling Good Custom exception for invalid input is implemented. uctor TaxesAverageController Review Creates an instance of itself, leading to a stack overflow. d calculateAverageMonthlyTaxes Needs improvement Could benefit from input validation before processing.	
2	Use of Math.abs		
4	Exception handling		
5	Constructor TaxesAverageController		
6	Method calculateAverageMonthlyTaxes		
7	Overall design		
8	8 Method compareMonths Acceptable Directly compares values; could improve		Directly compares values; could improve clarity in messages.

	12	Methods with multiple responsibilities	FrmAccountSetting, FrmDeleteTaxpayer FrmAddTaxProcess	Fixed	Some methods handled too many responsibilities, making the code harder to read and maintain.	Split methods into smaller, single-responsibility functions.
	13	Repetitive code for validation	FrmAccountSetting, FrmDeleteTaxpayer FrmAddTaxProcess	Fixed	Repetitive code was used for validation across multiple places.	Reused methods in Utils to handle common validations.
Ī	14	Long methods difficult to understand	FrmAccountSetting, FrmDeleteTaxpayer FrmAddTaxProcess	Fixed	Long methods made the code harder to understand and maintain.	Refactored into smaller, more descriptive methods.
	15	Tight coupling with MongoDBUtil	FrmAccountSetting, FrmDeleteTaxpayer FrmAddTaxProcess , MongoDBUtil	Improved	The UI classes were directly dependent on the implementation of MongoDBUtil.	Consider using interfaces or dependency injection to reduce coupling.
	16	Lack of centralized error handling	FrmAccountSetting, FrmDeleteTaxpayer FrmAddTaxProcess , Utils	Improved	Error handling was scattered across different methods and not centralized.	Consolidate error handling in a single place or class.
Ī	17	Inconsistent SRP application	FrmAccountSetting, FrmDeleteTaxpayer FrmAddTaxProcess	Fixed	Methods and classes didn't consistently follow the Single Responsibility Principle (SRP).	Ensure that each class and method has only one responsibility.