+-------------------+ +-----------------+ +---------------------+

| DataProcessor | | ModeSelector | | DatabaseManager |

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| - modeSelector | | - activeMode | | - activeStrategy |

| - dbManager |<---->| + setMode() |<---->| + setStrategy() |

| + processData() | | + getMode() | | + getStrategy() |

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| IMode |<-------| Mode Implementations| | IDatabaseStrategy |

+---------------+ +-------------------+ +---------------------+

| + processData()| | ValidationMode | | + validateData() |

| + interactWithDB| | StorageMode | | + storeData() |

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| + switchDatabase() |

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| Database Strategies |

| MySQLStrategy |

| MongoDBStrategy |

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