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| --- |
| SanPham |
| -maSanPham: String |
| -tenSanPham: String |
| -maLoai: String |
| -soLuong: int |
| -giaBan: double |

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| Loai |
| -maLoai: String |
| -tenLoai: String |

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| --- |
| LoaiDAO |
| +them(Loai sp): boolean |
| +xoa(String maLoai): boolean |
| +sua(Loai sp): boolean |
| +layTatCaLoai (): ArrayList<Loai> |
| +timLoaiTheoTen (String tenLoai): ArrayList< Loai > |

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| --- |
| QuanLyLoaiModel |
| -danhSachLoai: ArrayList<Loai> |
| +them(Loai sp): boolean |
| +xoa (String ma Loai ): boolean |
| +sua ( Loai sp): boolean |
| +layTatCaLoai (): ArrayList< Loai > |
| +timLoaiTheoTen (String tenLoai): ArrayList< Loai > |

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| --- |
| SanPhamDAO |
| +them(SanPham sp): boolean |
| +xoa(String maSanPham): Boolean |
| +sua(SanPham sp): Boolean |
| +layTatCaSanPham(): ArrayList<SanPham> |
| +timSanPhamTheoTen(String tenSanPham): ArrayList<SanPham> |

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| --- |
| QuanLySanPhamModel |
| -danhSachSanPham: ArrayList<SanPham> |
| +them (SanPham sp): Boolean |
| +xoa (String maSanPham): Boolean |
| +sua (SanPham sp): Boolean |
| +layTatCaSanPham(): ArrayList<SanPham> |
| +timSanPhamTheoTen(String tenSanPham): ArrayList<SanPham> |
| +sapXepTheoTenSanPham(): ArrayList<SanPham> |
| +sapXepTheoSoLuongRoiTheoGiaBan(): ArrayList<SanPham> |

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| --- |
| QuanLySanPhamController |
| -model: QuanLySanPhamModel |
| -view: QuanLySanPhamView |

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| --- |
| QuanLyLoaiController |
| -model: QuanLyLoaiModel |
| -view: QuanLyLoaiView |

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| --- |
| QuanLySanPhamView |
| JFrameSanPhamView: JFrame |

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| QuanLyLoaiView |
| JFrameLoaiView: JFrame |

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| MainView |
| JFrameMainView: JFrame |