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| Produs |
| - nume: string  - tip: string  - pret: double  - producator: string |
| +Produs(nume:string, tip:string, pret:double, producator:string)  +getNume():string  +getTip():string  +getPret():double  +getProducator(): string |

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| Repo |
| -repo(Vector) |
| +getAll():Vector<Produs>  +cauta(nume:string, tip: string, producator:string):Produs  +adauga(produs: Produs):void  +sterge (nume:string, tip: string, producator:string ):void |

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| Service |
| -Repo(RepoProdus)  -Valid(Validator) |
| +getAll():Vector<Produs>  +adaugare( nume:string, tip:string, pret:double, producator:string ):void  +stergere( nume:string, tip: string, producator:string )  +modificaOferta( nume:string, tip:string, pret:double, producator:string, numeNou:string, tipNou:string, pretNou:double, producatorNou:string)  +filtrareUnCriteriu(criteriu:int, nume:string,tip:string, pret:double,producator:string): Vector< Produs >  +filtrarePret(pret:int): Vector< Produs >  +sortare(criteriu:int, mod:int): Vector<Produs> |

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| Validator |
| +non\_vid(x:string) bool  +non\_ngative(pret:double) bool |

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| Vector |
| -dimensiune: int  -capacitate: int  -elemente: Elem\*  -redimensionare() |
| +Vector() noexcept  +Vector(const ot: Vector&)  +operator=(ot: Vector&): void  + *~*Vector()  +push\_back(newElem: const Elem&): void  +erase(poz:int): void  +size():int |