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| RepoException |
| - msg: string |
| +RepoException(msg:string)  +get\_msg: string |

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| Masina |
| - nr\_inmatriculare: string  - producator: string  - model: string  - tip: int |
| +Masina(nr\_inmatriculare:string,producator:string,model:string, tip:int)  +get\_nr\_inmatriculare():string  +get\_producator():string  +get\_model():string  +get\_tip(): int  +Masina(masina: Masina&):Masina  +~Masina():void  +operator=(masina: Masina&):Masina&  +validateMasina(masina: Masina):int |

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| MasinaRepo |
| -masini(VectorDinamic) |
| +getAllMasini():VectorDinamic<Masina>  +adaugaMasina(masina: Masina&):void  +stergeMasina(nr\_inmatriculare: string&):void  +modificaMasina(masina: Masina&):void |

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| ServiceMasini |
| -Repo(OfertaRepo)  -Valid(Validator) |
| +getAllMasiniService():VectorDinamic<Masina>  +adaugaMasinaService(nr\_inmatriculare:string&, producator:string&, model:string&, tip:string&):void  +stergeMasinaService((nr\_inmatriculare:string&):void  +modificaMasinaService(nr\_inmatriculare:string&,producator:string&,model:string&,tip:string&):void  +filterMasiniProducer(producator:string&): VectorDinamic<Masina>  +filtrareMasiniType(tip:string&):VectorDinamic<Masina>  +sortMasini(functieSortare Sort): VectorDinamic<Masina> |

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| VectorDinamic |
| -capacitate: int  -lungime: int  -elems: ElemType\*  -resize() |
| +VectorDinamic()  + VectorDinamic(const ot: VectorDinamic&):VectorDinamic  + *~*TemplateVector()  +operator=(ot: VectorDinamic&): void  +push\_back(el: const ElemType&): void  +del(poz:int): void  +size():int  +get\_elem(poz: const int): ElemType& |

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| MasinaException |
| - msg: string |
| +MasinaException(msg:string)  +get\_msg: string |