domain: vector\_dinamic:

|  |
| --- |
| Disciplina |
| +\_\_denumire: string |
| +\_\_ore\_pe\_saptamana: int |
| +\_\_tip: string |
| +\_\_cadru\_didactic: string |
| +get\_denumire(): string |
| +get\_get\_ore\_pe\_saptamana: int |
| +get\_tip(): string |
| +get\_cadru\_didactic(): string |
| +set\_denumire(string): void |
| +set\_ore\_pe\_saptamana(int): void |
| +set\_tip(string): void |
| +set\_cadru\_didactic(string): void |
| +operator==(Disciplina): bool |
| +str(): string |

|  |
| --- |
| VectorDinamic |
| +\_\_elems: TElem\* |
| +\_\_n: int |
| +\_\_cp: int |
| +\_\_resize(): void |
| +size(): int |
| +clear(): void |
| +push\_back (TElem): void |
| +operator[](int): TElem& |
| +begin(): int |
| +erase (int): void |
| +operator= (VectorDinamic&): void |

Repo: Service:

|  |
| --- |
| Repository |
| +\_\_lista: VectorDinamic<Disciplina> |
| +\_\_d\_null: Disciplina |
| +get\_all(): VectorDinamic<Disciplina> |
| +adauga(Disciplina): void |
| +sterge(Disciplina): void |
| +find(string): Disciplina |
| +get\_size(): int |
| +str(): string |

|  |
| --- |
| Service |
| +\_\_repo: Repository |
| +adauga(string,int,string,string): Disciplina |
| +sterge(string): Disciplina |
| +modifica(string,string,int,string,string): Disciplina |
| +get\_size(): int |
| +str(): string |
| +filtreaza\_dupa\_nr\_ore(int,int): Repository |
| +filtreaza\_dupa\_cadru\_didactic (string): Repository |
| + sorteaza\_dupa\_denumire ():Repository |
| + sorteaza\_dupa\_ore ():Repository |
| + sorteaza\_dupa\_cadru\_didactic\_si\_tip ():Repository |
|  |

|  |
| --- |
| main |
| +test\_all(): void |
| +main(): int |

Console: AplicationCoord:

|  |
| --- |
| Console |
| +\_\_srv: Service |
| +\_\_ui\_adauga (): void |
| +\_\_ui\_sterge (): void |
| +\_\_ui\_modifica (): void |
| +\_\_ui\_print\_all (): void |
| +\_\_ui\_print\_menu (): void |
| +\_\_ui\_find\_disciplina (): void |
| +\_\_ui\_filtreaza\_discipline\_nr\_ore (): void |
| +\_\_ui\_filtreaza\_discipline\_nr\_cadru\_didactic (): void |
| +\_\_ui\_sorteaza\_dupa\_denumire (): void |
| +\_\_ui\_sorteaza\_dupa\_ore (): void |
| +\_\_ui\_sorteaza\_dupa\_cadru\_didactic\_si\_tip (): void |
| +start (): void |
|  |