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| *­­­CriminalCase* |
| -crime: String  -sentence: String |
| Crime( rem: String , jur: String , crim: String, sen: String)  +setCrime(cr: String):void  +setSentence(snt:String):void  +getCrime():String  +getSentence():String  +*toString*(): String |

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| *Case* |
| Case |
| -remedies: String  -jurisdiction: String  -trialNeeded: Boolean  -indexforSearchMechanism: int  -crimeTypes1[]: String  -fraud: String[]  -electronicCrime: String[]  -moneyLaundering[]: String[]  -theft: String[]  -robbery: String[]  -mensReaTypes: String[]  - crimeTypes2: String[]  -murderkeywords: String[]  -assaultkeywords: String[]  -groundKeywords: String[]  -areaKeywords: String[]  -issues: String[]  -traffickingTerm: String[]  -drugType: String[]  -famKeyword: String[]  -emotionalAbuse: String[]  -sexualAbuse: String[]  -physicalAbuse: String[]  -custodyType: String[]  -contractWord: String[]  -unlawfulPurpose: String[]  -jurisdiction: String[] |
| +Case(String rem, String jur)  + setRemedies(rem: String):void  + setType(typ:String):void  + setTrialNeeded(tn:boolean) :void  + setJurisdiction(juris: String) :void  +setIndexforSearchMechanism(indexforSM): void  +setFamKeyword(famKeyword: String[]): void  +setContractWord(contractWord: String[]): void  +setUnlawfulPurpose(unlawfulPurpose: String[]:void  + getRemedies(): String  +getType():String  +getTrialNeeded():boolean  +getJurisdiction(): String  + printInfo*():*String  +SearchMechanism(keyword:String,  a[]:String, n: int): boolean  +getISM(): int  +getCrimeTypes1(): String []  +getFraud(): String[]  +getElectronicCrime(): String[]  +getMoneyLaundering[](): String  +getTheft(): String[]  +getRobbery[](): String  +getMensReaTypes(): String[]  +getCrimeTypes2(): String[]  +getMurderkeywords(): String[]  +getAssaultkeywords(): String[]  +getGroundKeyword](): String[]  +getAreaKeywords(): String[]  +getTraffickingTerm(): String[]  +getDrugType(): String[]  +getIssues(): String[]  +getFamKeyword: String[]  +getContractWord  +getJurisdiction(): String[] |

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| CrimeAgainstPerson |
| -moment: boolean  -typeOfOffence:String  -mensRea: String  -weapon: boolean |
| + CrimeAgainstPerson( rem: String , jur: String , crim: String, sen: String , typOff: String)  +setCrimeTypeandSentence():void  +setMensRea(keyword: String): void  +setTypeOfOffence(typeOfOffence: String):String  +setWeapoon(weapon: boolean): void  +getTypeOfOffence():String  +getMensRea(): String  +isWeapon(): boolean  +printInfo():String |

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| *Human Rights* |
| -charterOHRC: String |
| +HumanRights (rem: String, jur: String)  +setCharterOHRC(SCO: String):void  +getCharterOHRC(): String |

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| Charter |
| -right: String |
| +Charter (rem: String, jur: Stringr: String)  +setRight(keyword: String): void  +getRight(): String  printInfo(): String |

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| OHRC |
| -grounds: String  -area: String  -typeOfDis: String |
| +OHRC (rem: String, gr: String, ar: String)  +setArea (keyword:String): void  +setGrounds(keyword:String): void  +setRemedies(keyword:String):void  +getAreat(): String  +getGrounds (): String  +printInfo (): String |

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| DrugCrime |
| -trafficking: Boolean  -possession: Boolean  -quantity: double  -typeOfDrug: String  -crimeType: String  -scheduleType[]:String |
| +DrugCrime(pos: boolean, traff: boolean,  qty: double, typeOfDrug: String)  +setCrimeTypeandSentence():void  +getPossesion():boolean  +getTrafficking():boolean  +getQuantity():double  +getTypeOfDrug():String  +toString(): String |

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| Family |
| -marriage: boolean  -numChild: int  -child: Boolean  -childDecision: boolean  -parentDecision: Boolean  -abuseViolenceType: String[] |
| + Family(mar: Boolean, div: Boolean,  child: Boolean): Family  +setCustody(keyword: String): void  +setFamilyViolenceType(keyword: String): void  +setMarriage(marriage: boolean): void  +setChild(child: Boolean):void  +setChildDecision(): void  +setParentDecision(keyword: String): void  +getMarriage(): Boolean  +getChildDecision(): Boolean  +getParentDecision(): boolean |

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| *Civil* |
| -typeCase: String |
| Civil( rem:String , jur:String, tC: String)  +setTypeCase(): void  +getTypeCase(): String  +printInfo(): String |



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| MoneyCrimes |
| -amtStolen: double  -violence: boolean |
| +MoneyCrimes( rem:String , jur:String , crim: String, sen: String , amtSt: double, viol:boolean)  + setCrimeTypeandSentece(keyword: String):void  + getAmtStolen():double  + getCrimeType():String  + getViolence(): Boolean |

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| Account |
| -Cases: ArrayList  -availableDays: ArrayList  -l1: Lawyer  -f: File  -c: caseChecker  -dayOfAppointment: String |
| +Account(filename: String)  +setCaseChecker(): void  +setCase(): void  +setAvailability(day: String): void  +setLawyer(law1: Lawyer): void  +setDayOfAppoint(): void  +getCase(): ArrayList  +getAvailability(): ArrayList |

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| Person |
| -name: String  -complaint: String  - phoneNum: String  -ac: Account |
| +Person (n: String, c: String, pn: String)  +getName(): String  +setName(n: String): void  +getComplaint(): String  +setComplaint(c: String): void  +getPhoneNum(): String  +setPhoneNum(pn: String): void |

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| Lawyer |
| -availability : String []  -specialization: String []  -name: String  -phoneNum: String  -dayOfAppointment: String |
| Lawyer (a String[], s String[], n:String, pn:String)  +setAvailability(availability:String[]):void  +setSpecialization(specialization:String[]): void  +setName(name: String): void  +setPhoneNum(phoneNum: String): void  +getAvailability(): String[]  +getSpecialization(): String[]  + getName(): String  +getPhoneNum(): String  +getDayOfAppointment():String[] |

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| Legal Advisor |
| main (String []) |

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| Contract |
| -purpose: String  -remedy: String  -partiesConsent: Boolean  -capacity: boolean  -failingToPerform: Boolean  -disability: Boolean  -participantAge: int  -offer: Boolean  -consideration: boolean |
| + Contract( rem:String , jur:String, tc: String,pur: String, pC:Boolean, partAge:int, dis:Boolean, offe: Boolean, consi: boolean): Contract  +setContract(keyword: String): void  +setRemedies(keyword: String):void  +setFailingToPerform(keyword: String): void  +setPurpose(purpose: String): void  +setPartiesConsent(partiesConsent: Boolean): void  +setCapacity(dis: Boolean, age: int): void  +setUnlawfulPurpose(keyword: String): void  +getPurpose(): String  +getPartiesConsent(): Boolean  +getCapacity(): Boolean  +getUnlawfulPurpose(): boolean |

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| caseChecker |
| -caseType: String  -ca1: Case  -keyWord:String  -wordBank: String[]  -caseFile: File |
| +caseChecker(( rem:String , jur:String,  complaint: File)  +findKeyWords(casefile caseChecker): Case  +setCaseType(CaseType: String): void  +setWordBank(wordBank:String[])  +getWordBank(): String[]  printInfo(): String |

