

CriminalApplication

personsOfInterest: ArrayList<PersonOfInterest>

-crapp: CriminalApplication

- criminals: ArrayList<Criminal>

witnesses: ArrayList<Witness>

suspects: ArrayList<Suspects>

evidences: ArrayList<Evidence>

+getInstance(): CriminalApplication

+loadCriminals(): ArrayList<Criminal>

+loadWitnesses(): ArrayList<Witness>

+loadSuspects(): ArrayList<Suspect>

+loadPOIs(): ArrayList<PersonOfInterest>

+ removeCriminal(Criminal criminal): boolean

+ searchCriminal(String keyWord, String category)

+ addPersonOfInterest(PersonOfInterest person):void

+getPersonOfInterest(int id): PersonOfInterest

+ searchCrime(String keyWord, String category)

+ addEvidence(Evidence evidence): void

+ getEvidence(): ArrayList<Evidence>

+ rankCriminals(): ArrayList<Criminal>

+loadEvidences(): ArrayList<Evidence>

+ addCriminal(Criminal criminal): void

+ getCriminals(): ArrayList<Criminal>

+ addWitness(Witness witness): void

+ getWitnesses(): ArrayList<Witness>

+ addSuspect(Suspect suspect): void

+ getSuspects(): ArrayList<Suspect>

+loadVictims(): ArrayList<Victim>

+getCriminal(int id): Criminal

+getWitness(int id): Witness

+getSuspect(int id): Suspect

+getVictim(int id): Victim

+ getPersonsOfInterest():

+getCrime(int id): Crime

+ crimeLength(): int

+addUser(user): void

+getUser(int id): User

ArrayList<PersonOfInterest>

+ addCrime(Crime crime): void

+getUsers(): ArrayList<User>

+ getCrimes(): ArrayList<Crime>

+ addVictim(Victim victim): void

+ getVictims(): ArrayList<Victim>

+ criminalLength(): int

+loadCrimes(): ArrayList<Crime>

+loadUsers(): ArrayList<User>

victims: ArrayList<Victim>

- crimes: ArrayList<Crime>

-users: ArrayList<User>

CriminalApplication()