## Project

-accounts: Account[]
-selection: int
-user: String[]
-password: String[]
-input\_user: String
-input\_password: String

+main(args: String[]): void +menu(): void +login(): void +addNewAccount(): void +listAccount(): void +deleteAccount(): void +readUser(): void +readPassword(): void +saveUser(): void

### Account

-id: int -name: String -pin: int

+changePin(pin: int): void +listAssignment():void

#### Parent

+mainScreen(): void +newAssignment(): void +deleteAssignment():boolean +giveRewards(points: int): void

### Children

+mainScreen(): void +checkAssignment(): void +updateAssignment(): void +submitAssignment(): boolean +getRewards(): int

### HouseholdChore

-id: int -name: String -states: String -points: int

# Cleaning

-location: String-expectedTime(): double-actualTime(): double

+setET(time: double): void +setST(st: double): void +setFT(ft: double): void +setAT(at: double):void +toString(): String

# Shopping

-budget: double -spendAmont: double -destination: double -expectedTime(): double -actualTime(): double

+setAmont(amount: double): void +setET(time: double): void +setST(st: double): void +setFT(ft: double): void +setAT(at: double):void +toString(): String