# Team Bixby | Tamagotchi

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## MainPet

- dateCreated:Date = defaultDate
- curDate:Date
- savedDate:Date
+ name:String
- age:int
+ hunger:int
+ happiness:int
+ hygine: int
+ sleep: int
- hungerRate: int
- happinessRate: int
- hygineRate: int
- sleepinessRate: int

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+ operation1(params):returnType
- timeSkip()
- decreaseHungerRate(decreaseBy: int)
- decreaseHappinessRate(decreaseBy: int)
- decreaseHygieneRate(decreaseBy: int)
- decreaseSleepinessRate(decreaseBy: int)
- increaseHungerRate(increaseBy: int)
- increaseHappinessRate(increaseBy: int)
- increaseHygieneRate(increaseBy: int)
- increaseSleepinessRate(increaseBy: int)
-updateAge()
-saveState()
-readAttributes(saveFile: File)
-writeAttributes(saveFile: File)