## Boy Girl -name: String -name: String -attractiveness: Float -attractiveness: Float -intelligenceLevel: Float -intelligenceLevel: Float -isCommitted: Boolean -isCommitted: Boolean -budget: Decimal -maintenanceBudget: Decimal -attractionRequirement: Float -datingCriteria: Int -boyType: Int -girlType: int +commit(self) +commit(self) +leave(self) +leave(self) Relation -boy: Boy -girl: GIrl -commitOn: DateTime -breakupOn: DateTime(default=None) -compatibility: Float -happiness: Float +breakup(self) +findCompatibility(self) +findHappiness(self) Exchange -relation: Relation -essentialGift: EssentialGift -luxuryGift: LuxuryGift -utilityGift: UtilityGIft -giftType: Int -exchangeTime: DateTime -getGift(self) LuxuryGift -price: Decimal(13,2) -value: Float -luxury Rating: Float -difficultyToObtain: Float utilityGift -price: Decimal(13,2) EssentialGift -value: Float -utilityValue: Float -price: Decimal(13,2) -utilityClass: Int -value: Float