## StockItem

- \_\_stock\_code: string
- \_\_quantity: int
- \_\_price: float
- + stock category: string
- + StockItem(stock\_code: string, quantity: int, price: float
- + get\_stock\_code(): string
- + get\_quantity(): int
- + get\_price(): float
- + set\_price(price: float): void
- + get\_stock\_name(): string
- + get\_stock\_description(): string
- + increase\_stock(amount: int): string
- + sell\_stock(amount: int): bool
- + get\_vat(): float
- + get\_price\_with\_vat(): float
- + \_\_str\_\_(): string

inherits

## NavSys

- \_\_brand: string
- + NavSys(stock\_code: string, quantity: int, price: float, brand: string
- + get\_stock\_name(): string
- + get\_stock\_description(): string
- + get\_brand(): string
- + \_\_str\_\_(): string