

# StockItem

- \_\_stock\_code: str
- \_\_quantity: int
- \_\_price: float
- stock\_category: str

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



NavSys

- \_\_brand: str

+ \_\_init\_\_(self, stock\_code: str, quantity: int, price: float, brand: str)

+ get\_stock\_name(self): str

+ get\_stock\_description(self): str

+ get\_brand(self): str

+ \_\_str\_\_(self): str