Homework 4

Write a code that implements the following functionality:

-Create function-like realization of data model according variant (page 2) (take variant number on table, where you post your git link)

-Realize setter and getter for your data model

-Create mocks for CRUD operation (don't send any information, only serialize/deserialize to json or xml)

Variant number	Variant of task
1,6,11,16,21	Class 'Working'. Inherited classes: factory worker and transport enterprises work (railway, airport service, etc.). Possible fields: name, age, specialty, experience, salary, gender, place of work, year of employment, year of dismissal, reason for dismissal, company, position, etc.
2,7,12,17,22	Class "Account". Inherited classes: current account and savings account. Possible fields include: number, type of contribution, PIN, balance, date of account creation, user, type of user (active, blocked ...), history of account changes (the list of operations of replenishment of withdrawal of money from the account), etc.
3,8,13,18,23	Class "Book". Inherited classes: audiobook and textbook. Possible fields: title, field of study, number of pages, publisher, binding type, availability of CD, DVD, author, etc.
4,9,14,19,24	Class "Plant". Inherited classes: fern and spruce. Possible fields: name, description, species, age, class, inflorescence size, hazard class, habitat, application (in the food industry, in the preparation of drugs, in agriculture...), discoverer, place of growth, etc.
5,10,15,20,25	The Class "Computer". Inherited classes: ultrabook, computing server. Possible fields: number of processor cores, processor type, frequency, availability of Hyper-Threading technology, architecture bit depth, manufacturer, graphics card, RAM size and type, hard disk size and type, manufacturer, etc.