# Assignment User Validation

As part of a framework to be built, you are responsible for the user validation module.

This new module must be set up as flexibly as possible. If a software developer wants to use this module, he must be able to configure it. The developer must therefore be able to choose which validation he wants to apply in his application (by adding this to a list).

A user account within the framework has a few properties: a name, password, e-mail address and a date of birth. If a user is validated, it must be stored in a storage (separate class).

The module must be able to validate on the following elements:

- **Password**
    - The password can optionally be checked for the following components:
        - Are spaces allowed;
        - Are special characters mandatory;
        - Are numbers required;
        - Is a lowercase symbol required;
        - Is an uppercase symbol required.
- **Minimum age**
    - A minimum age must be specified. This age must be specified by the developer.
- **Email**
    - The email address needs to be validated.
- **Username**
    - The username should not occur twice.

Another developer can therefore choose which of the above four validation rules he wants to use in his application.

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✎ **Implement the following**

• Create the application based on the given description. **Please note**: the use of interface(s) (not user interface) are/is mandatory.

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