

# PROJECT

REST API, FORMULAR CREATION, VALIDATION

## NOTE

- There are more TODOs than can be created in one day. The "how" and "why" is more important than the completeness when in doubt.
- The layout does not have to be nice, it should only work.
- Finally, the project should go through completely. The ``mvn clean verify`` call must be successful.

## TASK

The web application can be started with ``mvn tomcat7: run``. It can be called up using: <http://localhost:8080/klt>

The site includes a registration form with first and last names. The application is to be expanded step by step in this task.

1. It should be possible to send the form. If there is something in all fields, an information will appear: "Thank you for your information". In the event of a fault, the form should appear again and the incorrect fields should be marked.
2. A new REST service is to be added.
  - a. Under the address `GET /klt/rest/rest/age/{age}` ( (where {age} is a number) the following states are returned::
    - Values <18 result in the message "too young"
    - Values > 67 result in the message "too old"
    - If the value is a prime, the message is "funny"
    - Otherwise "OK"
  - b. A new JUnit test is to be written to the method in the REST service, which is also executed in the build process.
3. Add a new field to the form on the home page with the label "Age". An Instant AJAX / REST validation is to be carried out using the above REST service when the user leaves the field and the corresponding status is displayed. It is not possible to save the form if the status is not "OK" or "funny".
4. The successfully saved requests should be saved somehow
5. A new REST service should be implemented, which issues all stored requests
6. There should be a new web page showing all the stored requests

7. In the list of stored inquiries, a button will also be displayed for each request. This button can be used to delete this specific request via the REST service. The REST service is to be implemented analogously to the others.