

User can register

Into Users is inserted; email, password, name, phone validation is used for all

User authentication (login)

user must prompt email and password validation is used

Security

NOT authenticated user can:

reach home page, register or login

(ONLY) authenticated user can: (e.g. bob@email.com password)

Reach Bid For Jobs – it displays only active and other users jobs. User can make bids there.

Add Job - input is validated

View All Jobs – it shows all information like who create a job, when it is finished, winning bidder and best offer... If a job is ended, the list of bids can be found from here.

View (single) Job – depends on user and job, the **user can bid, view list of bids** or can be informed that job was listed by him/her

Api user is created to contributing REST

ALL FORMS validation

using validation and error checking

Placing bid problem

I was dealing problem to @Post from @Get however, I brought that to the stage when: if user place a higher bid the page is redirected to itself with important values and posting them to the “new page”, it looks like an error was raised. Otherwise correct values are stored to the database.

The problem when a user enters null or nonsense is still there, but it was fixed in the view, thus will not allow a user to enter text, null or negative number.

It is not an ideal solution, but it works without crushing.

Internationalization

Language changes in all views, title, tables, forms, error messages...

The Czech language is used with special characters

Scheduler

There are set two schedules. One changes all -1 day at midnight each day contributing Cron. The second is doing the same every minute for demonstration purpose.

Use cannot place a bid when “days to end” reach 0

JPA is used. However, **JPQL** is used for updating records

REST Consumer

the main page localhost:9090 contributing endpoint which displays all jobs

when clicked on the job it contributing another endpoint which displays a list of bids or message: no bids