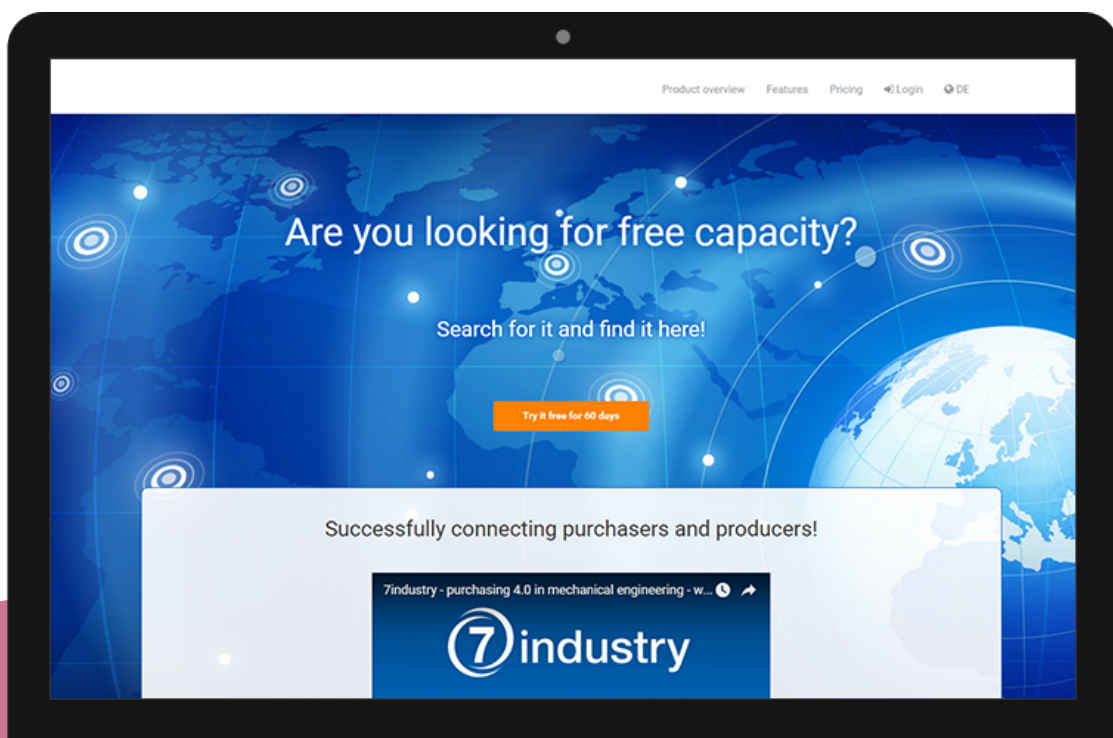


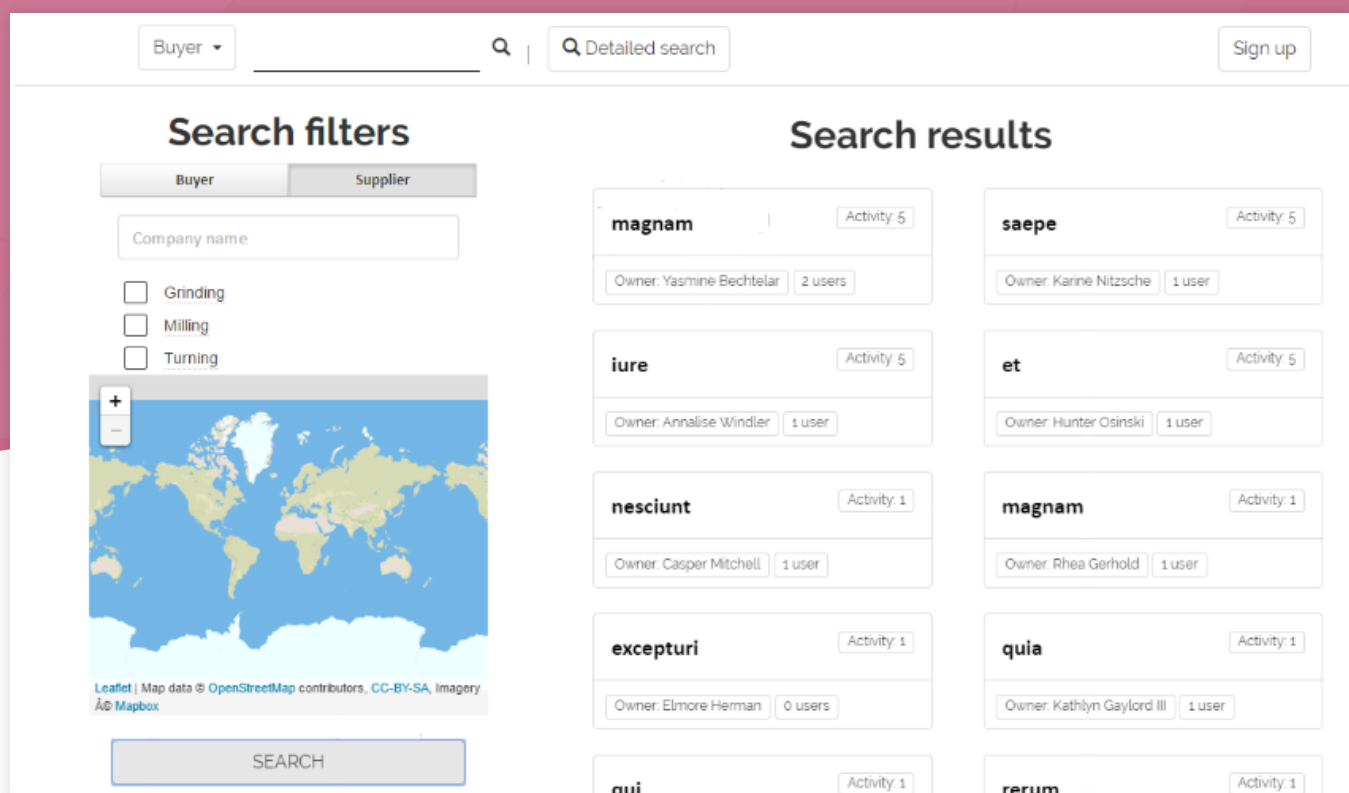
Testing of Web Portal for Mechanical Engineering Manufacturers and Buyers

The web portal is a platform that helps to connect the suppliers and buyers of different components. Such platform allows suppliers to improve their balance capacities, and buyers to find the best conditions of the order fulfillment.



Challenges for QA team

There was an important development aspect to make the visual part of the application and to simplify its usage. For this purpose, the QA department was required to audit the application usability and offer its UI solutions. The web portal service was developed as an international app, so it was required to test the internationalization and initial localization of the product in two languages. The final stage of testing required to conduct functional and GUI testing, regression and security testing.



Types of software testing

- Cross browser testing
- Functional testing
- UI testing
- Usability testing
- Exploratory testing
- Integration testing
- Localization testing
- Regression Testing
- Security testing

Team engaged

2 QA engineers

Duration

500 man-hours

Project type

Web application

Provided documents and reports

- Bug report
- Testing checklist
- Developed test cases
- Functional testing scenarios
- Usability recommendations
- Test plan
- Test report
- Sprint report
- Security test report

Tools and Platforms







Tools: XBtrack, Google Docs

Platforms: Windows, iOS

Browsers:

Desktop: Chrome, FF, IE10, IE11, IE Edge, Safari 9

Mobile devices: Safari 9, Chrome, IE11, IE Edge

Capacity								
Free capacity hours per week								
Category	WK 26	WK 27	WK 28	WK 29	WK 30	WK 31	WK 32	Default Hidden
Additive Manufacturing / Laser Sintering	1	1	1	1	2	1221	7	2  
Additive Manufacturing / Laser Sintering / < 600 x 300	0	0	0	0	0	0	0	0  
Additive Manufacturing / Laser Sintering / > 600 x 300	0	0	0	0	0	0	0	0  

Testing results




Since the introduction of the QA engineer to the project, the following results has been achieved:

- At the stage of design and development,numerous errors in the application logic and interface were identified. A number of changes were proposed to improve the application usability and lower the entry threshold.
- Based on the development technology (Scrum), exploratory testing was included as an important factor in the general testing plan. This allowed us to reveal a number of non-trivial errors.
- Cross-browser testing revealed critical and non-trivial bugs, which minimized the negative users' attitude using different environments. Security testing was one of the key stages of the project. It helped to identify and further eliminate the critical moments in the application security.

Thanks for watching!

Visit <https://xbsoftware.com/>

© 2017 XB Software Ltd. All rights reserved

 3a Kollektornaya Street, Minsk 220004, Belarus
 +375 17 200 03 40
 info@xbsoftware.com