

Infosheet

Title of the project: The reverse app store

Client: L. Starovoitova, FeedbackFruits

Coach: Dr. E.A. Hendriks, Opleidingsdirecteur, Computer Science, TU Delft

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Description

Engagement of non-technical users in the software development process is difficult. Users often have valuable feedback on the clients platform, but the real value of their feedback often gets lost in the translation to the actual software implementation.

The requirements for community engagement have been thoroughly researched, with a focus on software communities. Additionally, requirements engineering was also researched to gain insight into feedback aggregation and problem decomposition.

The team adopted an agile approach for creating an optimal solution in a short period. Many tools were used to ensure a stable production environment and a good code climate. Because the team was based at the client, continuous input of the client made it possible to fully customise the solution to the clients needs.

The implemented solution is a platform that is closely connected to the clients platform, focused on engaging non-technical users in the process of enhancing the clients platform. With the solution it is possible to create a goal. Through GitHub integration it is possible to create issues and milestones in a readable format for non-technical users. It is also possible to share a goal via Twitter, Facebook and LinkedIn. Communication is provided via Gitter integration. The solution is live² and will be subjected to a user test in the form of a hackathon.

While the current solution is already live, it can still be improved. A future version of the platform would add more integrations and make it even more easy for users to engage. Focus should be on an improved version of the requirements engineering part and involvement of designers.

Most important contributions per project member

Bart Heemskerk Responsible for the larger part of the design and usability of the front-end.

Wouter Kooyman van Guldener Responsible for the larger part of the back-end and synchronisation between users.

Steffan Sluis Responsible for the integration of external services and compatibility with the client's platform.

All Responsible for the research report, final report, final project presentation and quality assurance.

"The final report for this project can be found at: "<http://repository.tudelft.nl>"

²<https://bepstore.feedbackfruits.com>