

Collaborative Feedback System

BACHELORARBEIT

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Bachelor of Science

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eingereicht von

Sebastian Gilits

Matrikelnummer 00825197

an der Fakultät für Informatik

der Technischen Universität Wien

Betreuung: Pretitle Peter Purgathofer, Posttitle

Mitwirkung: Pretitle Forename Surname, Posttitle

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Sebastian Gilits

Peter Purgathofer

Collaborative feedback system

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Sebastian Gilits

Registration Number 00825197

to the Faculty of Informatics

at the TU Wien

Advisor: Pretitle Peter Purgathofer, Posttitle

Assistance: Pretitle Forename Surname, Posttitle

Vienna, 1st February, 2018

Sebastian Gilits

Peter Purgathofer

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Kurzfassung

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Abstract

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Introduction

Getting feedback for a software system is one of the most important tasks, since it gives insights if the implemented system works, if there are any bugs and also what other features could be implemented in order to improve the software.

1.1 Motivation/Problem statement

For the last n years the learning platform Aurora has been used by hundreds(?) of students for several courses at the Vienna University of Technology. The system was originally implemented by other students for the master thesis or for courses(?).

A system created by so many different persons naturally introduces new bugs, which are hard to track, since often not the original author, but a different student might have to fix it.

In the past an online notebook has been used to keep track of different issues and feature requests for the Aurora system. Every year a new notebook was created and people could freely add bugs and feature requests to it. This method of getting feedback came at high cost though:

The notebook would get cluttered within the first weeks and keeping it organized, meant that someone had to constantly moderate the notebook. People would often add the same issue, since it was hard to find existing issues. As soon as an issue was fixed, the issue had to be found in the notebook and somehow marked as such.

1.2 Aim of work

The aim of this thesis was to find a solution to collect feedback efficiently, without the high moderation costs that normal issue queues introduce and with ability to give users

feedback about the state of their issue. Another requirement was that system should collaborative in order to encourage to the users to post, but also discuss feedback given.

The last requirement was to find a system that could be integrated directly into aurora. Using an external was not an option, since Austrian laws requires to keep the data within the infrastructure of the university, but also because requiring students to register at another platform would have added an additional barrier for the students to give feedback.

CHAPTER 2

State of art

Collecting feedback for software projects is a common task. There are dozens of different solutions and more open source and commercial services available then one can count.

This systems range from simple contact forms, which send out an email to the provider, to chat bots and sophisticated ticketing system, with in-depth dashboards, visualizing how good the feedback system itself works,...

In this chapter I'll present some of the most popular solutions and compare them to each other and also pointing out how good it would work with Aurora.

2.1 Existing solutions/Literature studies

2.1.1 Contact form

2.1.2 Ticketing system

(describe solutions like redmine, jira, etc.)

2.1.3 Kanban

(basically our system)

2.2 Comparison of existing solutions

CHAPTER 3

Methodology

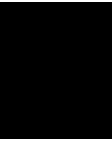
- 3.1 Used concept/Kanban
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CHAPTER 4



Implementation

CHAPTER 5



Critical reflection

CHAPTER 6

Summary

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