Slovak University of Technology in Bratislava
Faculty of Informatics and Information Technologies

Project documentation for management in the team

Team no. 5 - YSTAD

Team members:
Bc. Tomáš Gábrš
Bc. Martina Halajová
Bc. Martin Hauskrecht
Bc. Lukáš Meňhert
Bc. Filip Mrocek
Bc. Michal Staškovan
Bc. Filip Súkeník

Team leader:
Ing. Karol Rástočný, PhD.

Product owners:
Ing. Slavomír Bača
Ing. Slavomír Maťašovský

Table of Content

1 Introduction

This document portraits our system of managing the team, describes management roles and provides a brief summary of individual sprints.

2 Distribution of Work for Documentation

Name of responsible person	**Part of documentation**	**Percentage**
Tomáš Gábrš	Issue Tracking Methodology	7%
Martina Halajová	Documentation Methodology Code Review Methodology Management Roles Sprints Summary	41%
Martin Hauskrecht	Introduction Management Roles Sprints Summary Summary	31%
Lukáš Meňhert	Coding Style Methodology	7%
Filip Mrocek	Version Control Methodology	7%
Michal Staškovan	Front-end Testing Methodology	7%
Filip Súkeník		0%

3 Management Roles

3.1 Tasks Manager

Task manager is responsible for checking tasks created by other team members that are part of individual user stories. His responsibility is to also reveal possible dependencies between tasks and maintaining clear and accurate description of each task. Creates and maintains the Issue Tracking Methodology[1].

Responsible person: Tomáš Gábrš

3.2 Version Control Manager

Version control manager is responsible for checking and maintaining our git repository. Their responsibility is also to provide assistance to other team members regarding version control if needed and to create the Version Control methodology[2].

Responsible person: Filip Mrocek

3.3 System Configuration Manager

System configuration manager is responsible for maintaining team server and solving any technical issues regarding the server if they occur. They are also responsible for installing and configuring any new component, that should be introduced into the system.

Responsible person: Martin Hauskrecht

3.4 Quality assurance Manager

Duty of system functionality manager is to ensure that all required components are functioning properly and to provide assistance with issues regarding software development that will occur during sprints. Also oversees the team to follow the methodology for Code Review[3] and Testing[4]

Responsible person: Filip Súkeník

3.5 Code Quality Manager

Code quality manager takes responsibility for the keeping the standard level of code quality. Creates the methodology for Coding Style[5] and oversees an using of the coding standards.

Responsible person: Lukáš Meňhert

3.6 Graphical Design Manager and Web Master

Design manager is mainly responsible for choosing material design and maintenance of the team website.

Responsible person: Michal Staškovan

3.7 Documentation and Resources Manager

Documentation manager is responsible for recording of the requirements for the project documentation. Supervises and coordinates the activity related to creating the high quality technical and user documentation. Creates the documentation methodology[6], the templates for needed documents and chooses the right tools.

[1] Issue Tracking Methodology: https://investment-portal.duckdns.org/confluence/display/MAN1/Issue+Tracking
[2] Version Control Methodology: https://investment-portal.duckdns.org/confluence/display/MAN1/Version+Control
[3] Code Review Methodology: https://investment-portal.duckdns.org/confluence/display/MAN1/Code+Review
[4] Front-end Testing Methodology: https://investment-portal.duckdns.org/confluence/display/MAN1/Front-end+Testing
[5] Coding Style Methodology: https://investment-portal.duckdns.org/confluence/display/MAN1/Coding+Style
[6] Documentation Methodology: https://investment-portal.duckdns.org/confluence/display/MAN1/Documentation

Regarding the resources manager is responsible for collecting and categorizing the documents and information. Their responsibility is also to maintain Confluence repository.

Responsible person: Martina Halajová

4 Summary of the Sprints in winter semester

4.1 Sprint no. 1

We've managed to run the necessary tools like JIRA, BitBucket, Confluence etc. We were writing methodologies and learning new technologies.

User Story	Responsible person	Completed
Setup continuous integration	Lukáš Meňhert	Not Completed
FE Dashboard Design	Tomáš Gábrš	Not Completed
Write BE Testing Methodology	Filip Súkeník	Not Completed
Write FE Testing methodology	Michal Staškovan	Not Completed
Setup local environment	Tomáš Gábrš	Completed
Setup environment - SandBox	Martin Hauskrecht	Completed
Write Code Review Methodology	Martina Halajová	Completed
Fill web page with data	Michal Staškovan	Completed
Write Coding Style Methodology	Lukáš Meňhert	Completed
Setup management tools	Martin Hauskrecht	Completed
Write Documentation Methodology	Martina Halajová	Completed

Not completed user stories:

- Setup continuous integration - the user story was not delivered due to unexpected issue
- FE Dashboard Design - there were not delivered all parts of functionality of the user story
- Write BE Testing Methodology - created methodology was not accepted by product owners and there were requested significant changes
- Write FE Testing methodology - the methodology was not delivered

4.1.1 Retrospective

START	Add new status for task workflow "To Be Reviewed", "Resolved" Better communication with products owners
STOP	Unused Slack channels
CONTINUE	Good communication within team Working on tasks Useful stand-ups

4.1.2 Burndown Chart

As depicted in the picture no. 1 the sprint was running as following: large portion of the scope was finished during first weekend due to fact that the most of the team members were able to intensely work in this time. In the second half of the sprint the work was stagnated and there were discovered new dependencies in the user stories mainly in Setup continuous integration and FE Dashboard Design.

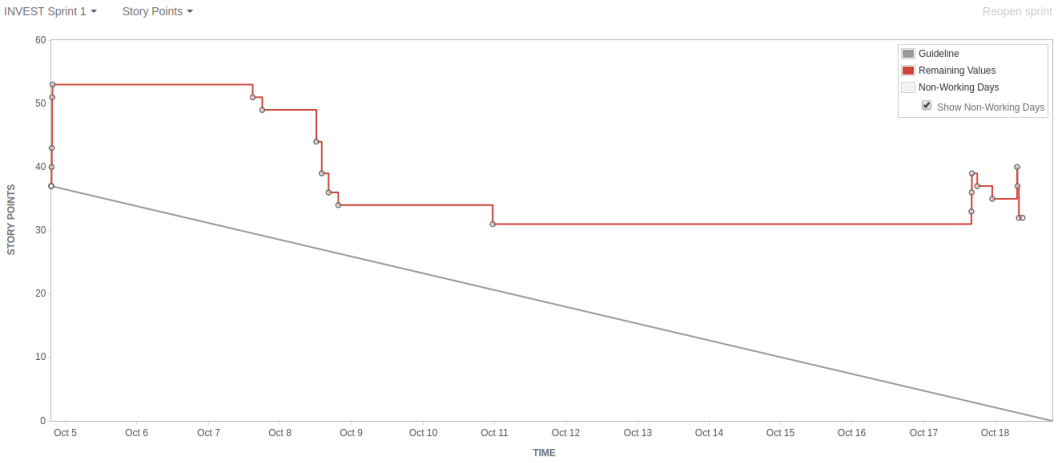


Fig. 1: Burndown chart for Sprint no. 1

4.1.3 Cumulative Flow

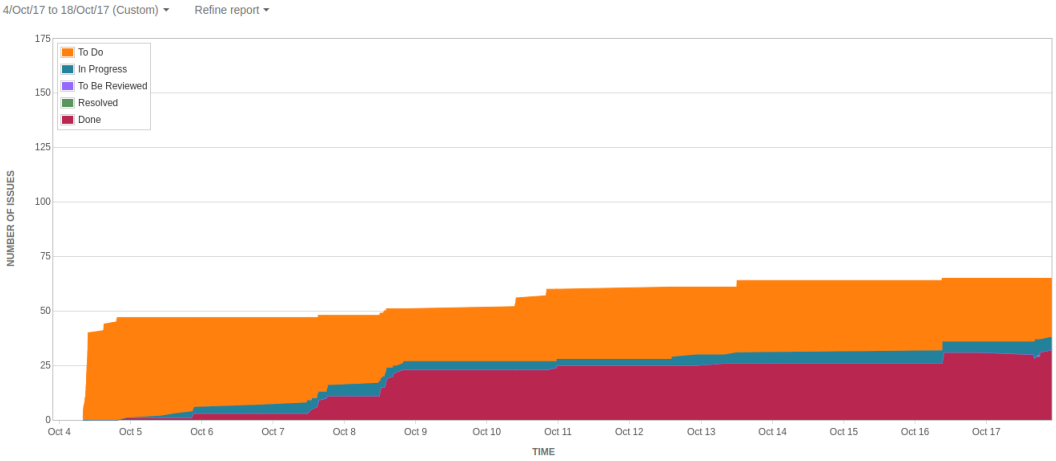


Fig. 2: Cumulative flow diagram for Sprint no. 1

4.2 Sprint no. 2

The design for the first part of the portal was created in several iterations. Basic skeleton architecture was designed. We have identified a number of issues in our current design and team communication.

User Story	**Responsible person**	**Completed**
FE Dashboard Design	Tomáš Gábrš	Completed
Write FE Testing methodology	Michal Staškovan	Completed
Team meetings for sprint 2	Filip Mrocek	Completed
Register team to TP Cup	Michal Staškovan	Completed
Setup tools backup	Martin Hauskrecht	Completed
FE Design Cumulative Chart	Tomáš Gábrš	Completed
Dashboard - Summary	Martina Halajová	Not Completed
Set-up databases	Martin Hauskrecht	Not Completed

Not completed user stories:

- Dashboard - Summary - the user story was not delivered due to misunderstanding of the description of the user story requirements and change of the work scope in mid sprint
- Set-up databases - the user story was not delivered because it was added in the sprint in second half of the sprint and there was not allocated required amount of time to finish it

4.2.1 Retrospective

START	Add new status for task workflow Using threads in Slack communication Using git more efficiently Parallel work on tasks Team calendar
STOP	Task are in state "To Be Reviewed"for too long Creating user stories with great dependencies
CONTINUE	Good communication within team and product owners Active knowledge sharing Team is very active

4.2.2 Burndown Chart

During the first half of the sprint there were issue regarding the virtual machine due to which the team was not able to access the management tools (JIRA, Confluence). This has required resolving the issue which slow downed the progress of the team and adding new user story `Setup tools backup`.

Also in the middle of the sprint there were large change of the scope because of misunderstanding of definition of the user story `Dashboard Summary` and requested changes by product owners which led to adding 3 new user stories (Register team to TP Cup, FE Design Cumulative Chart, Set-up databases).

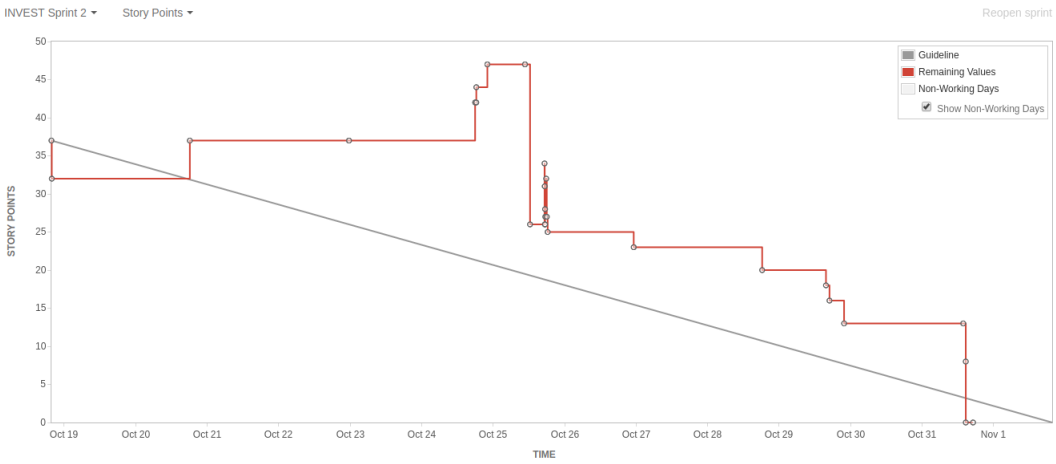


Fig. 3: Burndown chart for Sprint no.2

4.2.3 Cumulative Flow

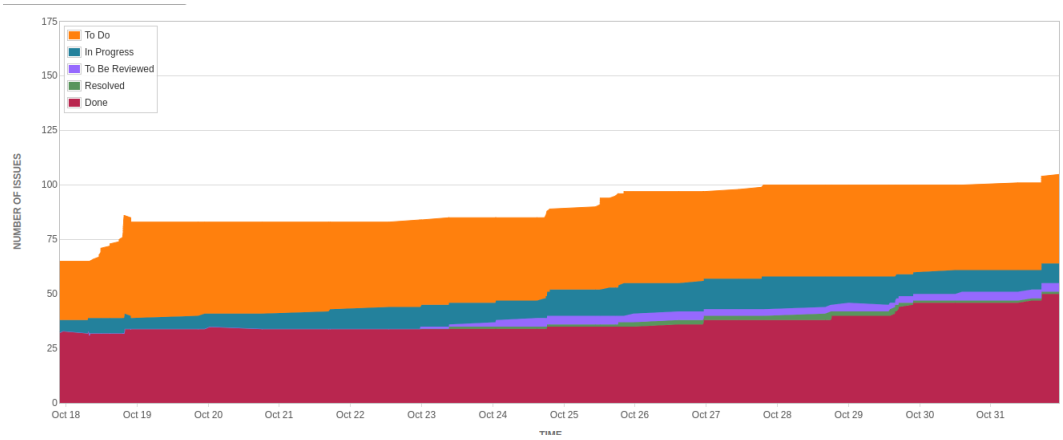


Fig. 4: Cumulative flow diagram for Sprint no.2

4.3 Sprint no. 3

We have redesigned the dashboard. Communication with product owners improved and became more efficient. We worked on deploying and refactoring the back-end part of the project. We discovered our original mistakes and misunderstandings that we resolved at the end of the sprint and tried to start another without these mistakes.

User Story	**Responsible person**	**Completed**
Setup continuous integration	Lukáš Meňhert	Completed
Write the methodology for version control	Filip Mrocek	Completed
Write Issue Tracking Methodology	Tomáš Gábrš	Not Completed
Dashboard - Summary	Martina Halajová	Completed
Set-up databases	Martin Hauskrecht	Completed
Clean BE architecture by Spring principles	Filip Súkeník	Completed
SSL Certificate	Martin Hauskrecht	Completed

Not completed user stories:

- Write Issue Tracking Methodology - the user story was not delivered because the assignee was working on task with higher priority

4.3.1 Retrospective

START	More parallel tasks Writing more useful stand-up reports Writing technical documentation and comments in code Writing unit tests for features
STOP	Private discussion about general or important issues Unnecessary discussion about technical details Finishing majority of tasks at the last minute
CONTINUE	Pair programming Great work of Scrum Master Co-working within the team and with team leader and product owners Agenda of the meetings Management of the backlog and JIRA tool

4.3.2 Burndown Chart

The burndown chart has the stagnating trend because many user stories in this sprint have run through many iteration of discussions with product owners and have been resolved at the last meeting of the sprint.

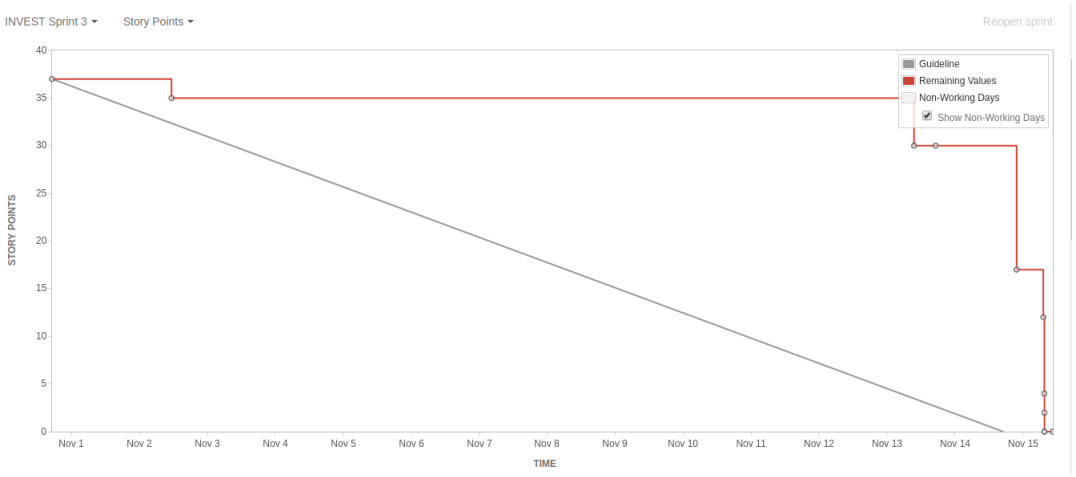


Fig. 5: Burndown chart for Sprint no. 3

4.3.3 Cumulative Flow

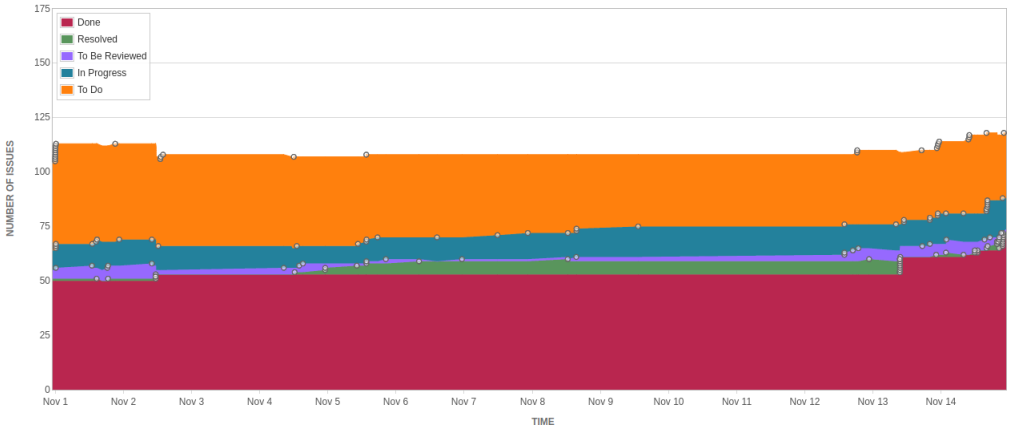


Fig. 6: Cumulative flow diagram for Sprint no. 3

4.4 Sprint no. 4

In the 3rd sprint after long and careful discussion we have decided to upgrade the material design theme Fuse on Angular 5 and to incorporate Redux in our front-end data management. We continued the work for dashboard cumulative chart of the investment returns and designed the Portfolios Overview. Also we were working on the authentication module of our application. Unfortunately we underestimated our time capacity and we were forced to downgrade our original scope.

User Story	**Responsible person**	**Completed**
Registration and log-in	Michal Staškovan	Partially Completed
Write Issue Tracking Methodology	Tomáš Gábrš	Completed
Documentation of project and Documentation of Management in team	Martina Halajová	Completed
Cumulative chart contains designed controls	Lukáš Meňhert	Partially Completed
Implement Redux for Angular	Filip Mrocek	Completed
Upgrade Fuse theme	Martin Hauskrecht	Completed
Dashboard - Portfolio List Design	Tomáš Gábrš	Completed
Team Page Maintenance	Michal Staškovan	Completed
Maintenance	Martin Hauskrecht	Completed

Two user stories (Registration and log-in, Cumulative chart contains designed controls) were only partially completed due to unexpected issues and their finalization were transferred into next sprint.

4.4.1 Retrospective

START	Estimating time of the tasks instantly Doing better work scope definition Paralleling the tasks Dedicate certain time for integrating the tasks of US Focusing more on the task with added business value
STOP	Delaying the work for weekends Overhead of certain team members
CONTINUE	Prioritizing the issues Learning from our own mistakes

4.4.2 Burndown Chart

In first half of the sprint the team made progress regarding the assigned work, but extended discussion about the upgrade on Angular 5 has slow down the progress.

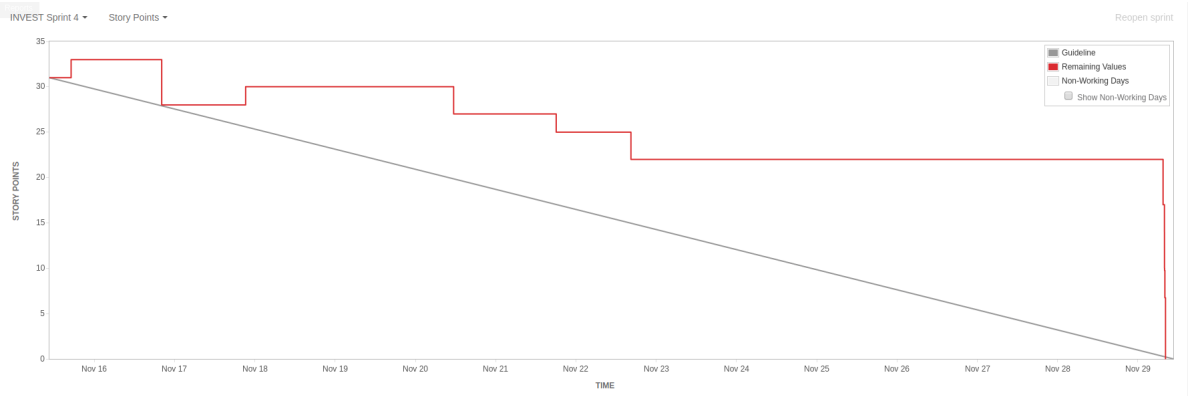


Fig. 7: Burndown chart for Sprint no. 4

4.4.3 Cumulative Flow

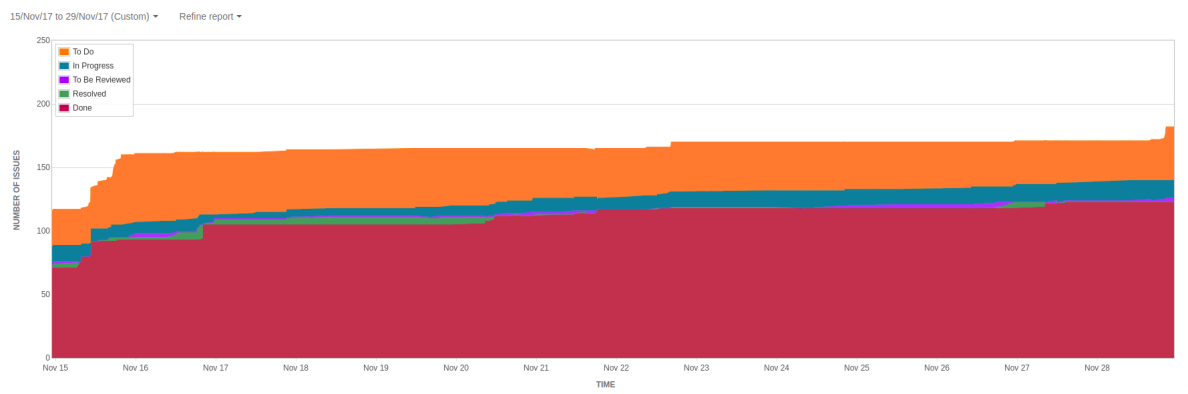


Fig. 8: Cumulative flow diagram for Sprint no. 4

4.5 Sprint no. 5

In the 5th sprint we were focused on finalization of user stories from previous sprint.

User Story	Responsible person	Completed
Registration and log-in finalization	Michal Staškovan	Not Completed
Registration - Email verification	Filip Súkeník	Not Completed
Finalize documentation for TP	Martina Halajová	Completed
Cumulative chart contains designed controls finalization	Lukáš Meňhert	Not Completed
Dashboard - Portfolio List Implementation	Filip Mrocek	Not Completed
Computation of portfolios summary data	Tomáš Gábrš	Completed
Team Page Maintenance	Michal Staškovan	Completed

Following user stories were not completed due to a lack of time resources of the team member:

- Registration and log-in finalization
- Registration - Email verification
- Cumulative chart contains designed controls finalization
- Dashboard - Portfolio List Implementation

4.5.1 Retrospective

START	Adding link of Crucible review in comment of task Create cheat-sheet for repeating issues/misunderstood domain terms Every team member will review the report from meeting Before opening review the author of the code must pull changes from master branch and resolved the conflicts
STOP	Excessive communication
CONTINUE	Delivering functionality of system

4.5.2 Burndown Chart

Due to a lack of time resources of the team 4 user stories were not delivered therefore the burndown chart in the picture no. 9 shows no progress.

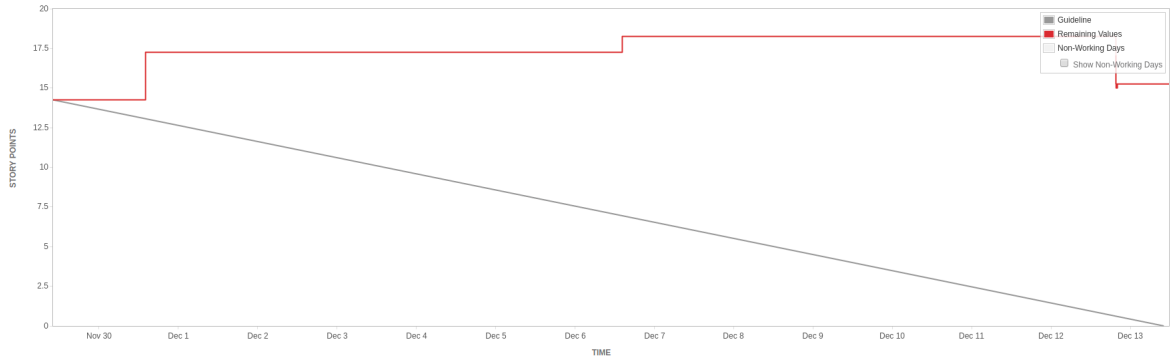


Fig. 9: Burndown chart for Sprint no. 5

4.5.3 Cumulative Flow

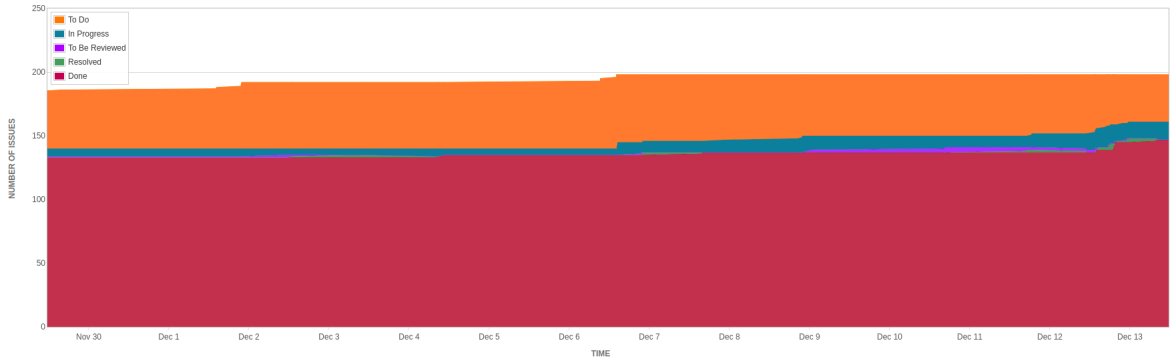


Fig. 10: Cumulative flow diagram for Sprint no. 5

4.6 Global retrospective of the winter semester

In the beginning of winter semester we have been focused on setting up all the required management tools (Jira, Confluence, Bitbucket and Crucible) and continuous integration with all the required modules. We have followed by writing required methodologies.

We struggled during first two sprints with developing and all involved technologies. We were forced to change several technologies, switch databases and discard some parts of the system.

After the second sprint we improved our velocity and started to produce more useful content. We're constantly trying to improve, but unfortunately we have not been able to complete all assigned user stories in any of the sprints.

After completing the winter semester, we are still struggling with the lack of domain knowledge and are often caught up in communication loops, which results in a lot of wasted time during the development.

Despite the problems, all members of the team are always willing to work and are helpful to each other during resolving problems and issues. As mentioned before, we try to constantly improve and expect to provide more and more useful and quality content in the future.

5 Summary of the Sprints in summer semester

Summary of each sprint in summer semester can be found in appendix at the end of this document. It includes list of user's stories with theirs responsible persons, burndown chats of each sprint and global cumulative flow diagram.

Retrospective for every sprint is summarized in *Slido* presentation, which is divided into following parts:

- How I rank this sprint (1-7)?
- What was good? What was bad?/What should we improve?
- What have I learned?
- Who do I want to thank?

5.1 Global retrospective of the summer semester

First sprint in summer semester was dedicated to re-factoring existing source code and adding new features. We finished REST API for portfolio management and designed page of portfolio overview. Communication within team have improved and we were much more effective.

Rest of the development was focused on integrating calculation module from third party into our software and fixing known issues. Also we finished functionality of Dashboard, Portfolio list and Portfolio Detail Overview. We struggled with connection to external database and monitoring changes within given calculations.

We have successfully implemented user guide for novice investors and websockets used for notifying users about new available calculations.

All team found the benefits in pair programming, which boosted our productivity.

6 Summary

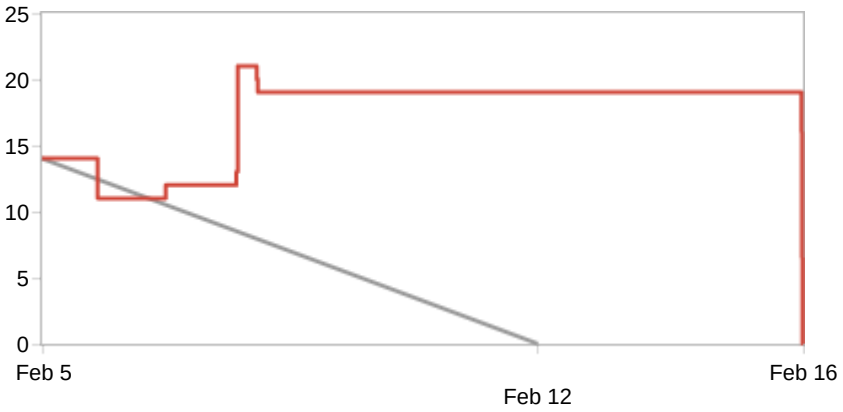
Described management roles were assign to individual team members which are responsible for resolving issues connected to each particular role. The document describes each completed sprint. Several issues occurred in the first two sprints which were later resolved and dealt with. The third sprint determined team velocity and we were able to deliver most of the desired functionality on time.

Summer semester was dedicated to integration with external database and calculation module with existing functionality and architecture. We were partially successful, despite the lack of knowledge about third party calculation module.

Team have learned valuable lessons regarding project management, team communication and use of new many new technologies.

INVEST Sprint 6

Closed Sprint, ended by Karol Rastocny 05/Feb/18 2:58 PM - 16/Feb/18 8:47 AM Linked pages



Status Report

Completed Issues

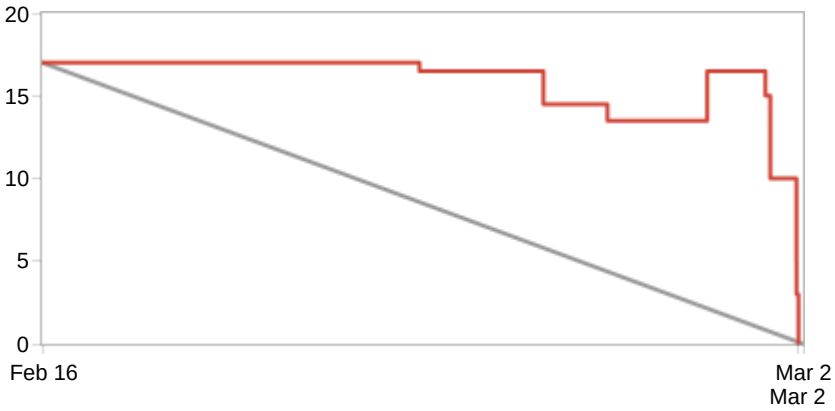
View in Issue navigator

Key	Summary	Issue Type	Priority	Status	Story Points (14 → 25.5)
INVEST-28	FE Design - Portfolios	Story	Medium	DONE	3 → 0
INVEST-29	FE Design - Portfolio Positions Management	Story	Medium	DONE	- → 1
INVEST-30	FE Design - Portfolio Trades Management	Story	Medium	DONE	- → 1
INVEST-76	Create/Close Portfolio	Story	Medium	DONE	5
INVEST-77	Portfolio Positions Management	Story	Medium	DONE	- → 3
INVEST-78	Portfolio Trades Management	Story	Medium	DONE	- → 1.5
INVEST-150	Client side application should use error logging service	Story	Medium	DONE	- → 2
INVEST-194	Portfolios List	Story	Medium	DONE	3
INVEST-233	FE Design - Portfolio Details	Story	Medium	DONE	- → 0
INVEST-234	Portfolio Details - Overview	Story	Medium	DONE	3 → 2
INVEST-235	FE Design - Create/Close Portfolio	Story	Medium	DONE	- → 0
INVEST-236	BE logging	Story	Medium	DONE	- → 2
INVEST-237	Refactoring	Story	Medium	DONE	- → 5

INVEST Sprint 7

Closed Sprint, ended by Karol Rastocny 16/Feb/18 11:08 AM - 02/Mar/18 9:13 AM Linked pages

Finish all stories :)



Status Report

* Issue added to sprint after start time

Completed Issues

View in Issue navigator

Key	Summary	Issue Type	Priority	Status	Story Points (17)
INVEST-278	Portfolio Details - Overview	Story	Medium	DONE	1
INVEST-279	Portfolio Positions Management	Story	Medium	DONE	2
INVEST-280	Portfolio Trades Management	Story	Medium	DONE	1.5
INVEST-282	Show model portfolios	Story	Medium	DONE	5
INVEST-283	Implement Influx stack	Story	Medium	DONE	5
INVEST-285	TP.CUP IIT.SRC paper	Story	Medium	DONE	2
INVEST-286	Update team page after Sprint 6	Story	Medium	DONE	0.5

Issues Removed From Sprint

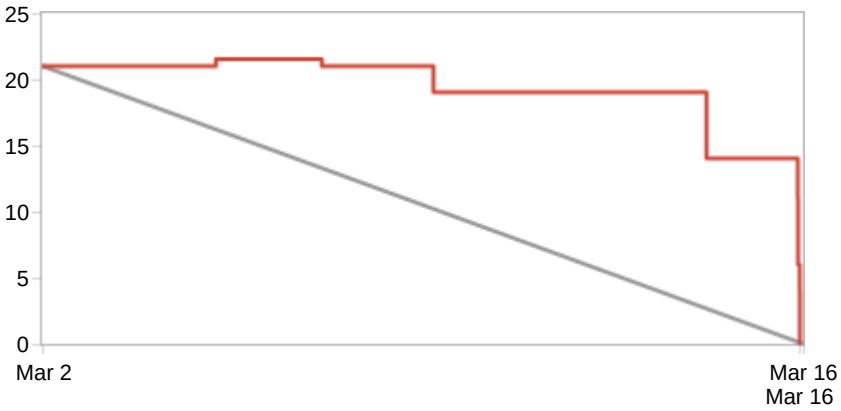
View in Issue navigator

Key	Summary	Issue Type	Priority	Status	Story Points (3)
INVEST-281 *	Remember me (login)	Story	Medium	TO DO	3

INVEST Sprint 8

Closed Sprint, ended by Karol Rastocny 02/Mar/18 10:33 AM - 16/Mar/18 9:12 AM Linked pages

Be awesome and finish it all



Status Report

* Issue added to sprint after start time

Completed Issues

View in Issue navigator

Key	Summary	Issue Type	Priority	Status	Story Points (20 → 19.5)
INVEST-281	Remember me (login)	Story	Medium	DONE	3
INVEST-303	Design notification system	Story	Medium	DONE	5
INVEST-310	Development logging on A5	Story	Medium	DONE	2
INVEST-311	FE testing	Story	Medium	DONE	5 → 4
INVEST-313	FE fixing	Story	Medium	DONE	5
INVEST-326 *	Team page maintenance	Story	Medium	DONE	- → 0.5

Issues Removed From Sprint

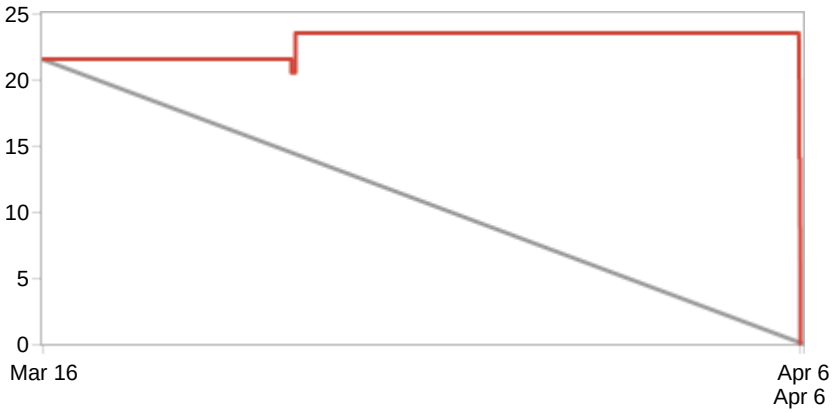
View in Issue navigator

Key	Summary	Issue Type	Priority	Status	Story Points (1)
INVEST-314	Fulltex search in Symbols	Story	Medium	IN PROGRESS	1

INVEST Sprint 9

Closed Sprint, ended by Karol Rastocny 16/Mar/18 10:53 AM - 06/Apr/18 9:24 AM Linked pages

Be awesome A hu



Status Report

* Issue added to sprint after start time

Completed Issues

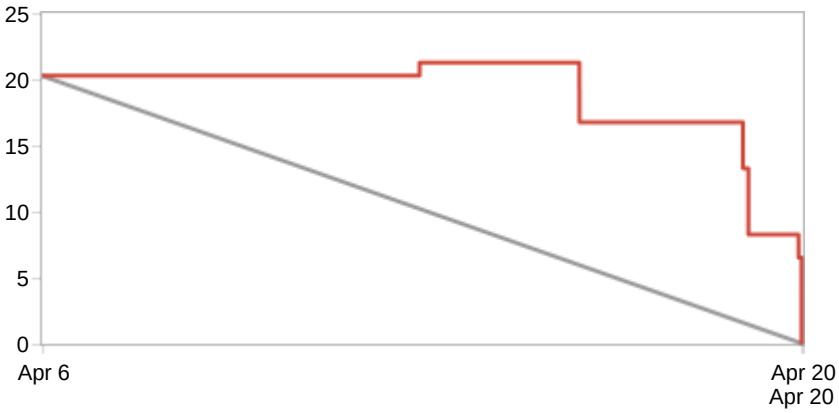
View in Issue navigator

Key	Summary	Issue Type	Priority	Status	Story Points (21.5 → 21.75)
INVEST-302	Web-socket notifications between FE and BE	Story	Medium	DONE	8 → 5.5
INVEST-312	FE global error handling	Story	Medium	DONE	3
INVEST-314	Fulltex search in Symbols	Story	Medium	DONE	1 → 0.75
INVEST-345	Fix bugs 2.0	Story	Medium	DONE	3
INVEST-350	FE testing - finalize	Story	Medium	DONE	1
INVEST-352	Form error handling	Story	Medium	DONE	3
INVEST-353	TP Cup CR paper, robime-it blog and questionaire	Story	Medium	DONE	2
INVEST-354	Teampage things	Story	Medium	DONE	0.5
INVEST-370 *	FE POC Guide	Story	Medium	DONE	- → 3

INVEST Sprint 10

Closed Sprint, ended by Karol Rastocny 06/Apr/18 10:44 AM - 20/Apr/18 10:07 AM Linked pages

Be awesome



Status Report

* Issue added to sprint after start time

Completed Issues

View in Issue navigator

Key	Summary	Issue Type	Priority	Status	Story Points (20 → 20.5)
INVEST-376	Web-socket notifications between FE and BE - Finalize	Story	Highest	DONE	2.5
INVEST-377	IIT.SRC poster	Story	Medium	DONE	2
INVEST-378	Conect to external architecture	Story	Highest	DONE	3 → 2.5
INVEST-379	Create tour guide	Story	Medium	DONE	5
INVEST-380	Update design	Story	Medium	DONE	5 → 4
INVEST-381	Redesign cummulative chart	Story	Low	DONE	2
INVEST-382	teampage things	Story	Low	DONE	0.5
INVEST-400 *	Fix 'Whoops something went wrong' on login	Story	Highest	DONE	- → 1
INVEST-404 *	FIX: View Model portfolio	Story	Medium	DONE	- → 1

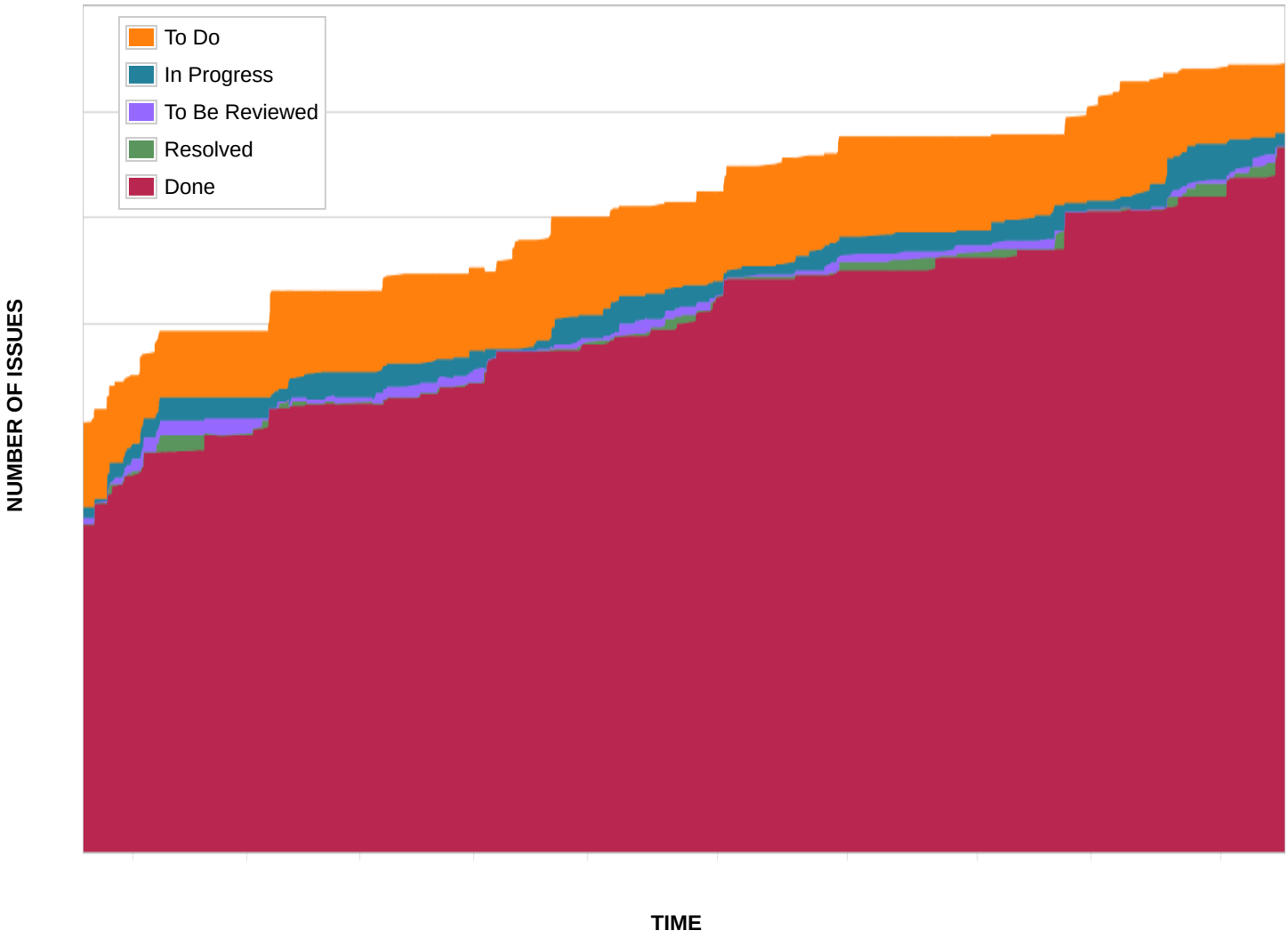
Issues Removed From Sprint

View in Issue navigator

Key	Summary	Issue Type	Priority	Status	Story Points (0.25)

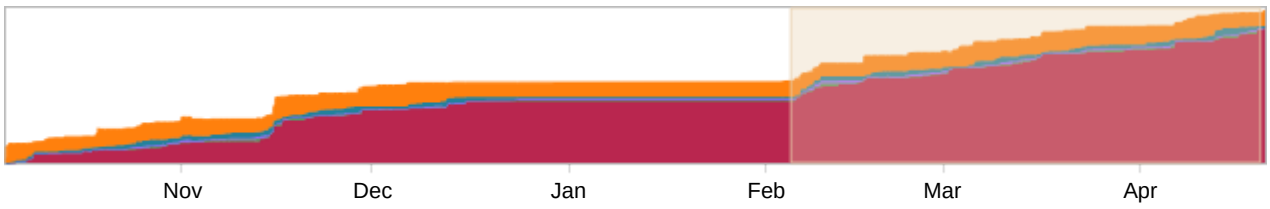
INVEST-375	Fulltex search in Symbols - Finalize	Story	Low	IN PROGRESS	0.25

5/Feb/18 to 20/Apr/18 (Custom) Refine report



Overview

Click and drag cursor across chart or chart overview to select date range (double-click overview to reset).



School

01 Mar - 05 Jul 2018

Poll results

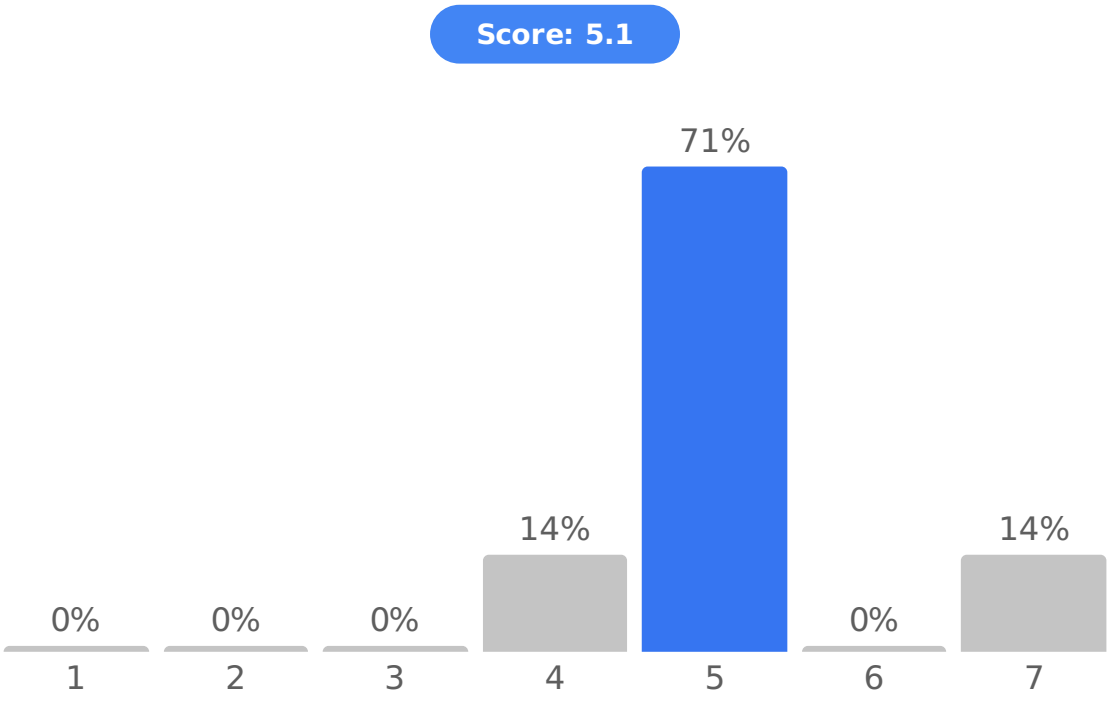
sli.do

Rating poll

Retrospektíva 2.3. (1/5)

Ako hodnotím tento šprint?

007



Open text poll

Retrospektíva 2.3. (2/5)

Čo bolo dobré?

007

- Spolupráca tímu, druhý týždeň, komunikácia, správanie všetkých us
- Ze sme zabojovali v druhej polke aj ked nam nikto neveril ze to dame
- Pair programming, uz sme nerobili tolko refactoringu. Scrum master bol super. Minule sme skoncili nacas
- vacsina commitnutej roboty sa nakoniec spravila
- stihla sa vacsina taskov
- Určite stretnutia, ktoré sme si naplánovali na spoločnú prácu! Okrem toho, že to zlepší náladu, tak je to rozdiel ako prísť unavený po celom dni na izbu.
- Odhodľanie tímu splniť záväzok; Scrum master; Ochota ísť do nových technológií; Spoločná práca v druhej polovici

Open text poll

Retrospektíva 2.3. (3/5)

Čo nebolo dobré? Čo by som zlepšil?

006

- Prvy tyzden - pomalsi nabeh
- Ze sme prvy tyzden vela neporobili, ale o tom sme sa uz bavili.
- necinna prva polovica sprintu, TICK stack
- malo odrobenej prace pocas prveho tyzdna
- Mne veľmi nevyhovovali stand upy o dvanástej. Myšlienka bola pekná, ale nesedelo mi to do kalendára.
- Time manažment prvej polovice
- šprintu; Naďalej veľká snaha brániť sa, ale už sa to zlepšuje

Open text poll

Retrospektíva 2.3. (4/5)

Čo som sa naučil/a?

005

- Ze sa oplati bojovat
- Telegraf, kapacitor, Kafka
- TICK stack, Kafka
- Ďalšie malé klenoty Typescriptu ako napr. default value pre atribút metódy.
- V každom tíme treba aspoň raz do roka tvrdú ruku, zdvihnúť hlas a natvrdo vyložiť karty

Wordcloud poll

Retrospektíva 2.3. (5/5)

007

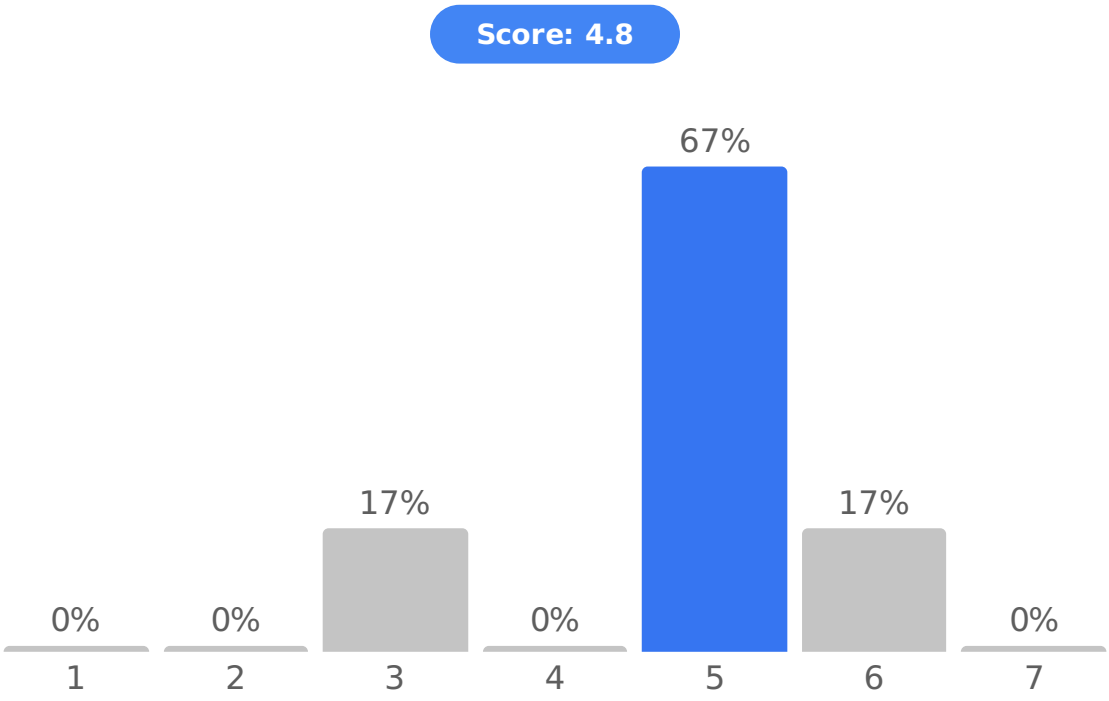
Komu by som sa chcel poďakovať? (Pouzite prve meno zo slacku. FilipM, FilipS, SlavoM, SlavoB, Karol, Martin, Martina, Lukas, Tomas, Michal)

Rating poll

Retrospektíva 16.3. (1/5)

Ako hodnotím tento šprint?

006



Open text poll

Retrospektíva 16.3. (2/5)

Čo bolo dobré?

005

- Frontend nabral iný dych!
- Skoro všetko sa stihlo
- Spolupráca s FilipomM. Podľa mňa sme celom dosť veci spravili.
- spolupraca pri rozdelovani taskov
- Parovanie na FE

Open text poll

Retrospektíva 16.3. (3/5)

004

Čo nebolo dobré? Čo by som zlepšil?

- Nič
- Prišlo mi to tak ako keby sme sa nevedeli zosynchronizovať. Ďalšie bolo to, že používame jednu vetvu na priveľa vecía potom sa čaká s pull requestom.
- Nespravil som svoje tasky.
- Praca na BE; efektivita robenia taskov; objem dokoncenej prace

Open text poll

Retrospektíva 16.3. (4/5)

Čo som sa naučil/a?

003

- Flex! Písať validácie.
- Robiť kapacitor pravidla
- Sokety, jpa

Wordcloud poll

Retrospektíva 16.3. (5/5)

Komu by som sa chcel poďakovať? (Pouzite prve meno zo slacku. FilipM, FilipS, SlavoM, SlavoB, Karol, Martin, Martina, Lukas, Tomas, Michal)

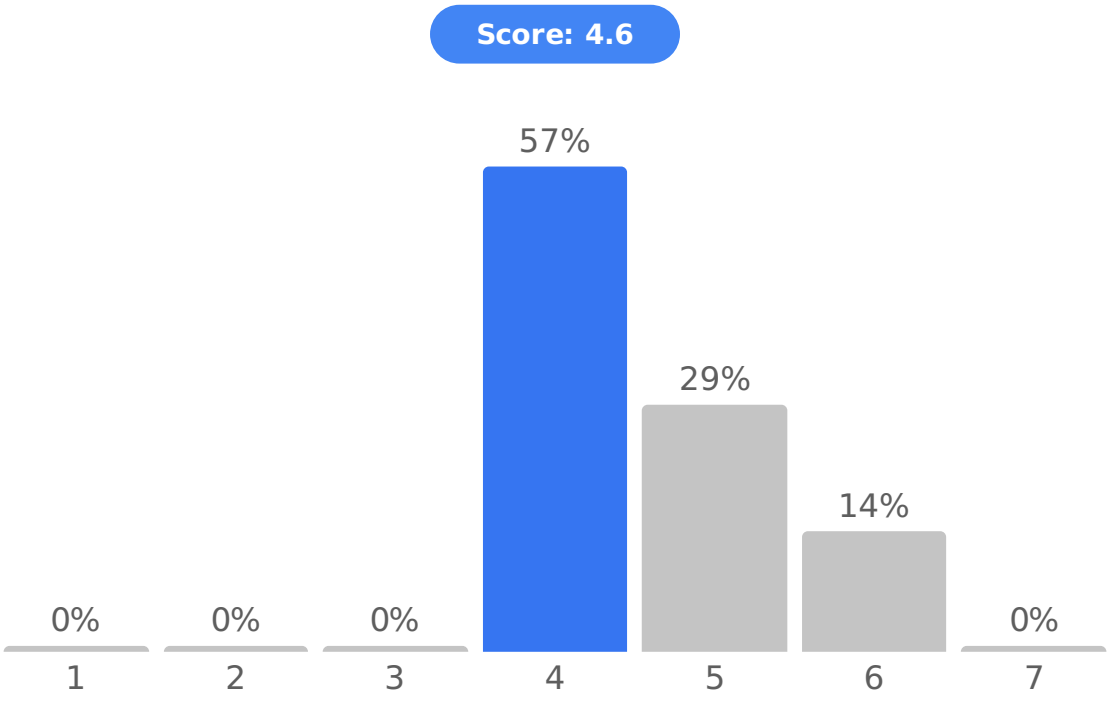
004

Rating poll

Retrospektíva 6.4. (1/5)

Ako hodnotím tento šprint?

0 0 7



Open text poll

Retrospektíva 6.4. (2/5)

Čo bolo dobré?

004

- Ze sa stihli fixnut všetky bugy
- Spolupraca v narocnych situaciach
- Pair programming s FilipomM. Oddych
- Že sme sa pohrali s trochu ťažšími storkami. A povačšine sa ich podarilo spraviť.

Open text poll

Retrospektíva 6.4. (3/5)

Čo nebolo dobré? Čo by som zlepšil?

0 0 4

- Ze sa nestihli sockety
- Roztiahnuty sprint.
- Klesla morálka
- Mnozstvo dokoncenej prace

Open text poll

Retrospektíva 6.4. (4/5)

Čo som sa naučil/a?

006

- Autocomplete na FE
- Niečo o Web socketoch
- Pracu so socketmi
- Ze kniznice nefunguju aj ked sa clovek snazi akokolvek
- Veci nefungujú ako majú.
- Ako rozbehat step by step guide

Wordcloud poll

Retrospektíva 6.4. (5/5)

Komu by som sa chcel poďakovať? (Pouzite prve meno zo slacku. FilipM, FilipS, SlavoM, SlavoB, Karol, Martin, Martina, Lukas, Tomas, Michal)

007

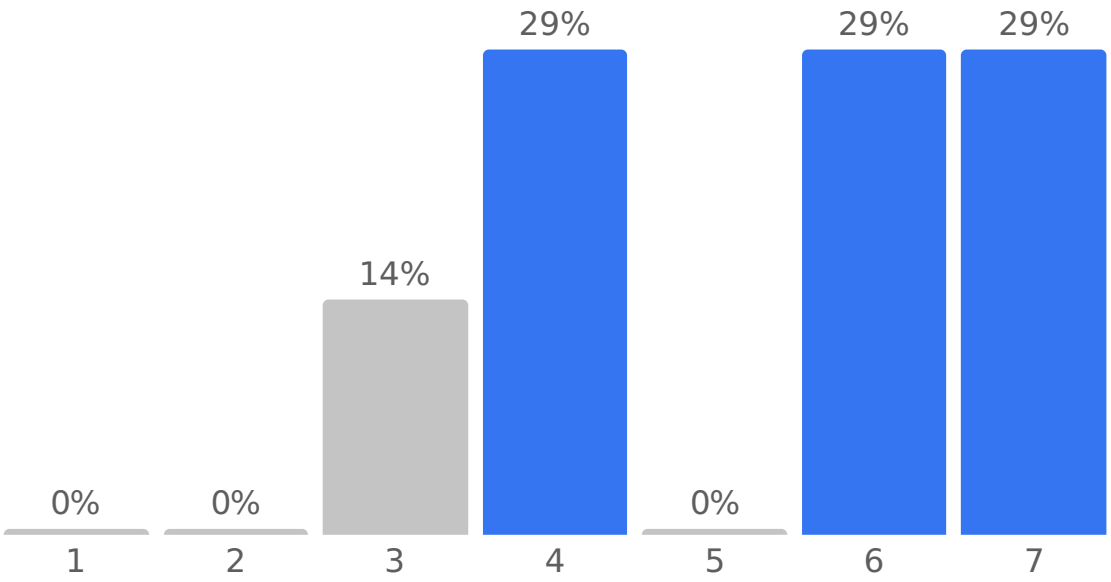
Rating poll

Retrospektíva 20.4. (1/5)

Ako hodnotím tento šprint?

007

Score: 5.3



Open text poll

Retrospektíva 20.4. (2/5)

Čo bolo dobré?

005

- IIT-SRC2018 dopadlo dobre
- Intenzívne prípravy pred iit.src
- Parove programovanie.
- znovu raz spolupr8ca a timovy duch, super fotka
- Vela veci sme fixli.

Open text poll

Retrospektíva 20.4. (3/5)

006

Čo nebolo dobré? Čo by som zlepšil?

- Praca na dolezitych features na poslednu chvilu, velka zatazenost jednotlivych clenov timu
- Ze kľakol influx deň pred iit-src
- Nefungoval influx, problémy so socketmi v produkcii
- Ze sme nestihli do konferencie dostat aplikaciu do bezchybneho stavu.
- Demo na iit.src, ktoré sa trochu rozpadlo.
- Niektore veci sa nepodarili.

Open text poll

Retrospektíva 20.4. (4/5)

Čo som sa naučil/a?

002

- Ako funguje Slavov backend
- Skôr čo sa mi potvrdilo: Nikdy nie je tak zle, aby nebolo aj horšie. Nie, nie dobré to bolo. Naučil som sa, že občas nie je dobre brať veci príliš vážne.

Wordcloud poll

Retrospektíva 20.4. (5/5)

Komu by som sa chcel poďakovať? (Pouzite prve meno zo slacku. FilipM, FilipS, SlavoM, SlavoB, Karol, Martin, Martina, Lukas, Tomas, Michal)

007