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1. 2018

1.1 October

Week 1 Blog and Vision (2018-10-12 08:31)

KeepThings

Hi there,

Who doesn't know the feeling when you lend something to your friends or relatives and weeks later you don't remember where your stuff and money is?

Well this is about to change. With KeepThings you will never forget who has borrowed what and when. It's the idea to lend things as fast and easy as possible. With just a few clicks you are able to keep track of all your things and will never be confused about their whereabouts again.

We are planning on making an Android App with the following basic features.

- You are able to import your contacts directly from your phone
- You will be able to get an overview of all you lend out stuff with an awesome intuitive dashboard
- You will be able to make new entries with just a few clicks really fast

For developing we are going to use Android Studio IDE for the Android App and PHP Storm IDE for the Web-App.

The data will be stored in an MySQL Database which is located on an online server and will be connected to our Web-API.

If you are interested in following our progressing in developing an Android and Web App, feel free to follow this blog.

Haala (2018-10-12 14:25:02)

Hey, i think the idea is really good. Lend things will be much more easier with that. Will also the borrower see which things he has? Good luck

Nils Braun (2018-10-12 14:29:33)

Hi Haala, thanks for you feedback. As of today we are not planning on implementing this feature. The idea of our Application is that your friends don't need the App in order for you to make an entry. If this changes in the future we will let you know!

KeepTrack (2018-10-12 14:50:56)

Hey guys, this is a great idea. We could really put that to good use. We have two questions: 1. Will the content and the functions of the App and the Website be exactly the same or are you planning on "platform-exclusive features"? 2. Will we be able to set a date, until when my friend has to give me my things back? Like a deadline? Keep up your good work. Greeting, Nico@KeepTrack

Nils Braun (2018-10-12 16:08:38)

Hi Nico, thank you for your feedback! To answer your questions, you will need to connect via your mobile device once in order to load in you contacts. After that the we plan to implement identical feature for the Web and Android App. For your second question, we don't plan to include deadlines directly into the app. We plan to include a funktion, that sends an SMS or E-Mail to the person that borrowed your things when the deadline is reached.

Week 11: Midterm Summary – KeepThings (2018-12-23 23:24:00)

[...] Week 1: Blog and Vision [...]

Final Summary – KeepThings (2019-06-23 02:21:45)

[...] Week 1: Blog and Vision [...]

Week 2 Team roles and Technology (2018-10-15 11:47)

Hi guys, we want to give you an update and talk a bit about the technology we are going to use for our two Apps and the assginments for the team roles.

First lets talk about **technology**.

As you know we want to create a Web-App and an Adroid-App. For the Web-App we will be building a single page Web-App using Angular. Angular is a JavaScript framework which is based on the View-ViewModel-Model architecture. We will also be creating an web based API which parses our data from the database into JSON Objects. The used language will be PHP.

For the Android App we are using Java as the main language and Android Studio as our IDE. We will be accessing the Web-API via URL request.

We will be using Targetprocess as our projectmanagement software and Github to manage our code.

Now we will give you an overview of our **team roles** using the [1]RUP Terminoligy.

- Define Requirement: Lukas, Benedikt, Nils
- Analysis & Design: Lukas, Nils
- Implementation Web: Nils
- Implementation Mobile-App: Lukas, Benedikt
- Tests: Lukas, Benedikt, Nils

- Deployment: Benedikt, Lukas, Nils
- Configuration & Change Management: Lukas, Benedikt, Nils
- Project Management: Lukas, Benedikt, Nils
- Environment & Quality Management: Lukas, Benedikt, Nils

At the moment we have some issues with Targetprocess. We are trying to fix it until the next post and will provide a link to our current task overview.

1. <https://www.ibm.com/developerworks/rational/library/apr05/crain/>

eventlabproject (2018-10-16 17:51:14)

Hey Guys, the first blog you published last week gave us a good view of your project. To create an app where you can see all the stuff other people borrowed from you is a good idea for our daily life. You are a group of three, how do you think you will manage all these different roles you adopt? Furthermore are you going with the scrum method in your project? We are very interested in these points because we face some similar issues. Cheers, Your EventLAB team

NILS@KEEPTHINGS (2018-10-17 23:09:44)

Hi, thank you for your feedback. We are intending to use Scrum with weekly sprints and due to our small group size, we have multiple people for the same tasks. We think it is the best way to make sure everything gets done if we have multiple members on the same role, so we can assist each other if someone gets stuck. Also we want to make sure that everyone is on the same page by doing regular meetings. KeepThings

deminder18 (2018-10-17 12:16:06)

Hey Guys, your Project seems very ambitious but you seem to have a good idea on how you will deal with the technical challenges. Like the EventLAB team I am a bit concerned about the managing aspect of the project, maybe you could go more in detail on how you are going to handle this. On the technical side, since you are using a URL request for the Web - API, how secure is this? Is it possible to access other people's Data if you know their URL? How is the Web - API designed? Sincerely, Deminder Team

NILS@KEEPTHINGS (2018-10-17 23:15:20)

Hi, thanks for the feedback. As stated above we will be using Scrum and short sprints to manage the project. On the technical side, URL requests are quite secure, you can either send an additional key with the request to make sure other people can't easily access people's data or you can use user authentication on an URL request. Thanks for your interest. KeepThings

KeepTrack (2018-10-18 10:45:17)

Hey guys, good job on the update on technologies and team roles. You mentioned Android Studio for programming the Android-App which makes a lot of sense and seems like a good choice. I was just wondering which IDE you are planning to use for JavaScript / the development of your Web-App. Also, if you could describe your roles a little more in detail it would greatly increase the understanding for non-teammembers. Other than that, great job! Keep it up! Stiven@KeepTrack

Week 11: Midterm Summary – KeepThings (2018-12-23 23:24:02)
[...] Week 2: Team roles and technology [...]

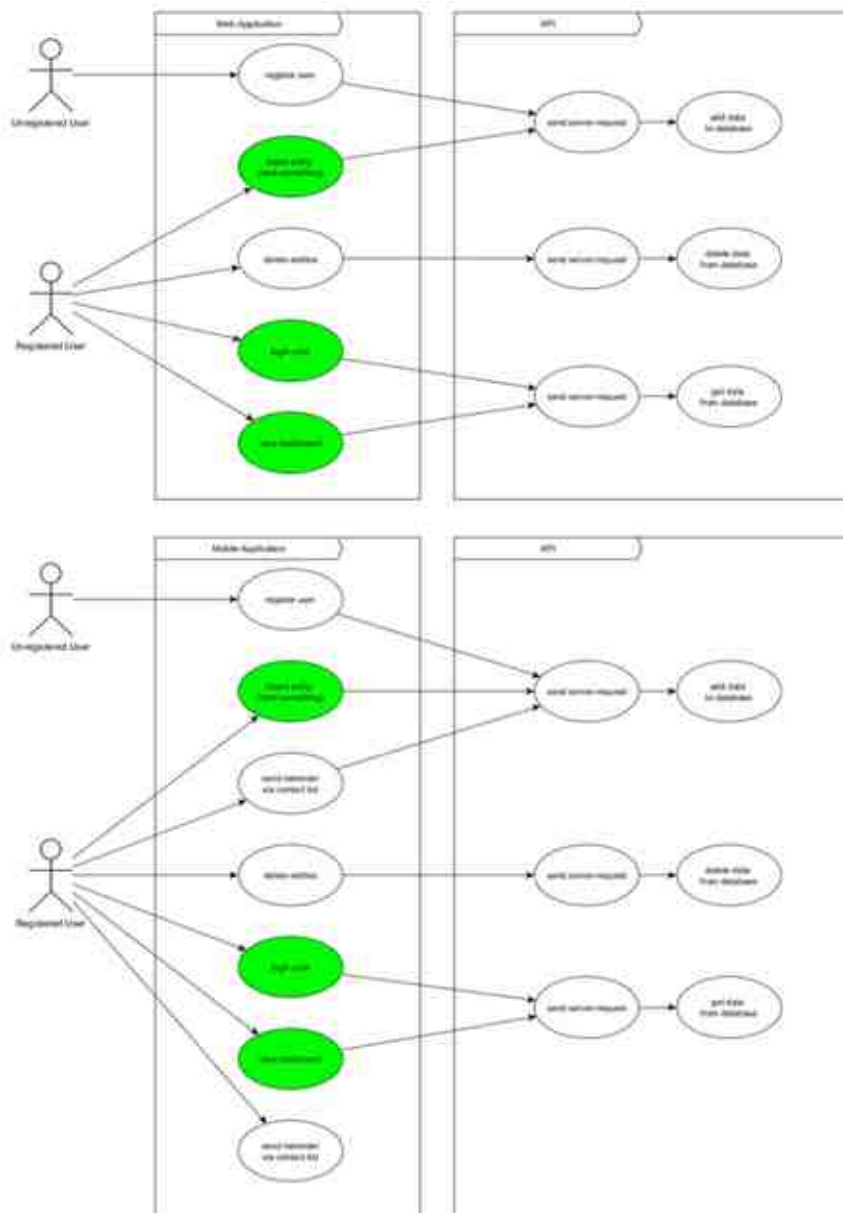
Final Summary – KeepThings (2019-06-23 02:21:47)
[...] Week 2: Team roles and technology [...]

Week 3 SRS and UCD (2018-10-21 22:53)

Hello together,

this week we created our [1]Software-Requirement-Specifications and a [2]Use-Case-Diagram.

[3]



Like promised in our last post, here you can look to our [4]task overview. In addition to that, here you can see our [5]Github repositories.

1. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/SoftwareRequirementSpecifications.md>
2. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UCD-KeepThings.svg>
3. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UCD-KeepThings.svg>
4. <https://tauboard.com/v/342747fa43ea5b7a23b0d4afa226e2ec>
5. <https://github.com/KeepThings>

deminder18 (2018-10-22 09:17:24)

Hey guys, I think you put a lot of work in this Use-Case-Diagram and it looks really nice. But you have a lot of arrows, maybe you could split the use cases for registered and unregistered users, so you could put the arrows to the blocks instead of the single use cases. Keep going and best regards -deminder (Lea)

NILS@KEEPTHINGS (2018-10-22 10:12:56)

Hi, thanks for your input, we are not quite sure what's the best way to do it and still be able to keep the visual clarity. We will discuss this further in our team. Nils

Team EventLAB (2018-10-22 10:11:50)

Hey guys, you've done a good job creating your Use Case Diagram and SRS! You clearly stated the scope and objective of your project. Your diagram describes all possible use cases in detail and gives a nice overview. Nevertheless, we've got some improvements for you: The whole chapter 3 of your SRS only contains the term "N/A". As you will probably add some functional requirements in the future, you should change this to "to be done" (tbd). Perhaps you could also clarify your API interface in your Use Case Diagram as it currently only contains generic read/write/update statements. We are looking forward to the first prototype of your application! If you've got some free minutes, we really would appreciate if you had a look at our blog and gave us some tips for improvements. Best regards, Ben on behalf of the EventLAB Team

NILS@KEEPTHINGS (2018-10-22 10:21:25)

Hi, thank you for your input. Regarding your suggestion about carifying our API currently the only functionallity is to query our database and return the desired object, insert new data or update current data. I don't quite understand what is unclear in your opinion. Feel free to specify your question. We will take a look at your Blog in the next days. Best regards, Nils

KeepTrack (2018-10-22 10:55:48)

Hey guys, good work this week on your SRS and UCD. Your SRS gives a basic overview over the functionality of your project and the technologies you are going to use. We hope, that you will add more information in the future, especially under point 3: Specific Requirements. Also, one thing we noticed on your UCD is, that you have two frames for the API, that are exactly identical. Maybe you can simplify your UCD in future drafts, by deleting one of them. Keep up your good work, we are looking forward to your next post. Greetings, Nico@KeepTrack

blapplications (2018-10-23 09:06:43)

Hi Nico, thanks for your feedback. We look forward to update our SRS as soon as possible. I changed our UCD but the overview isn't better. Benedikt KeepThings

Week 11: Midterm Summary – KeepThings (2018-12-23 23:24:04)
[...] Week 3: SRS and UCD [...]

Final Summary – KeepThings (2019-06-23 02:21:48)
[...] Week 3: SRS and UCD [...]

Week 4 UC + Prototype (2018-10-23 22:49)

Hello again,

this week we created our first two Use-Cases with a mockup and active-diagram. The first one is our [1]MobileUserItem and the second one is our [2]WebUserItem.

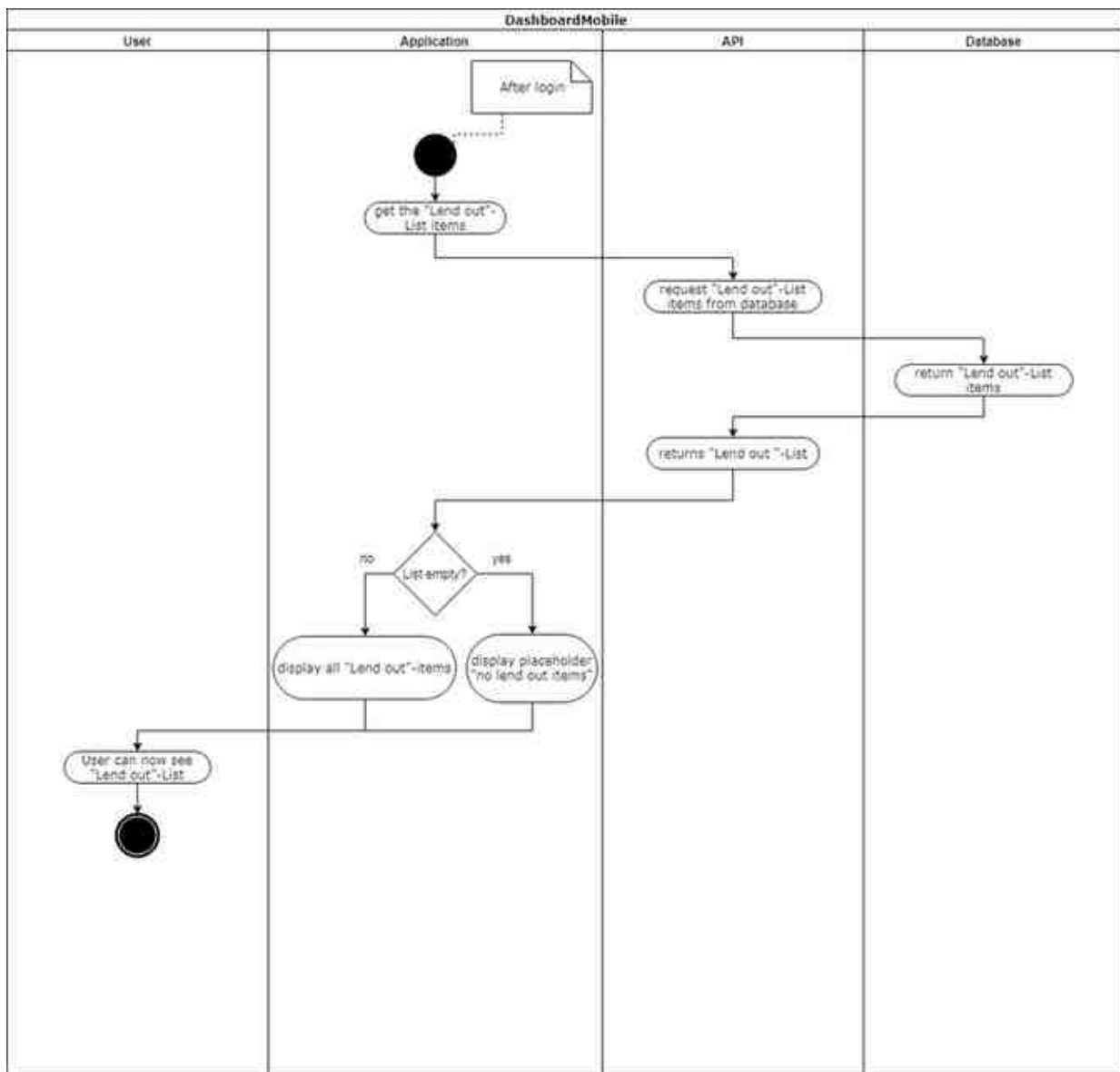
Mockup of the MobileUserItem:

[3]

User Items

Lautsprecher	30 Oct 18
Max Mustermann	22 Oct 18
Pfanne	25 Nov 18
Max Mustermann	22 Oct 18
30 Euro	28 Oct 18
Max Mustermann	22 Oct 18
Fahrradpumpe	02 Dez 18
Max Mustermann	22 Oct 18
	

Active-diagram of the MobileUserItem:



Mockup of the WebUserItem:



User Items

Lautsprecher

Max Mustermann

30 Oct 18

22 Oct 18

Pfanne

Max Mustermann

25 Nov 18

22 Oct 18

30 Euro

Max Mustermann

28 Oct 18

22 Oct 18

Fahrradpumpe

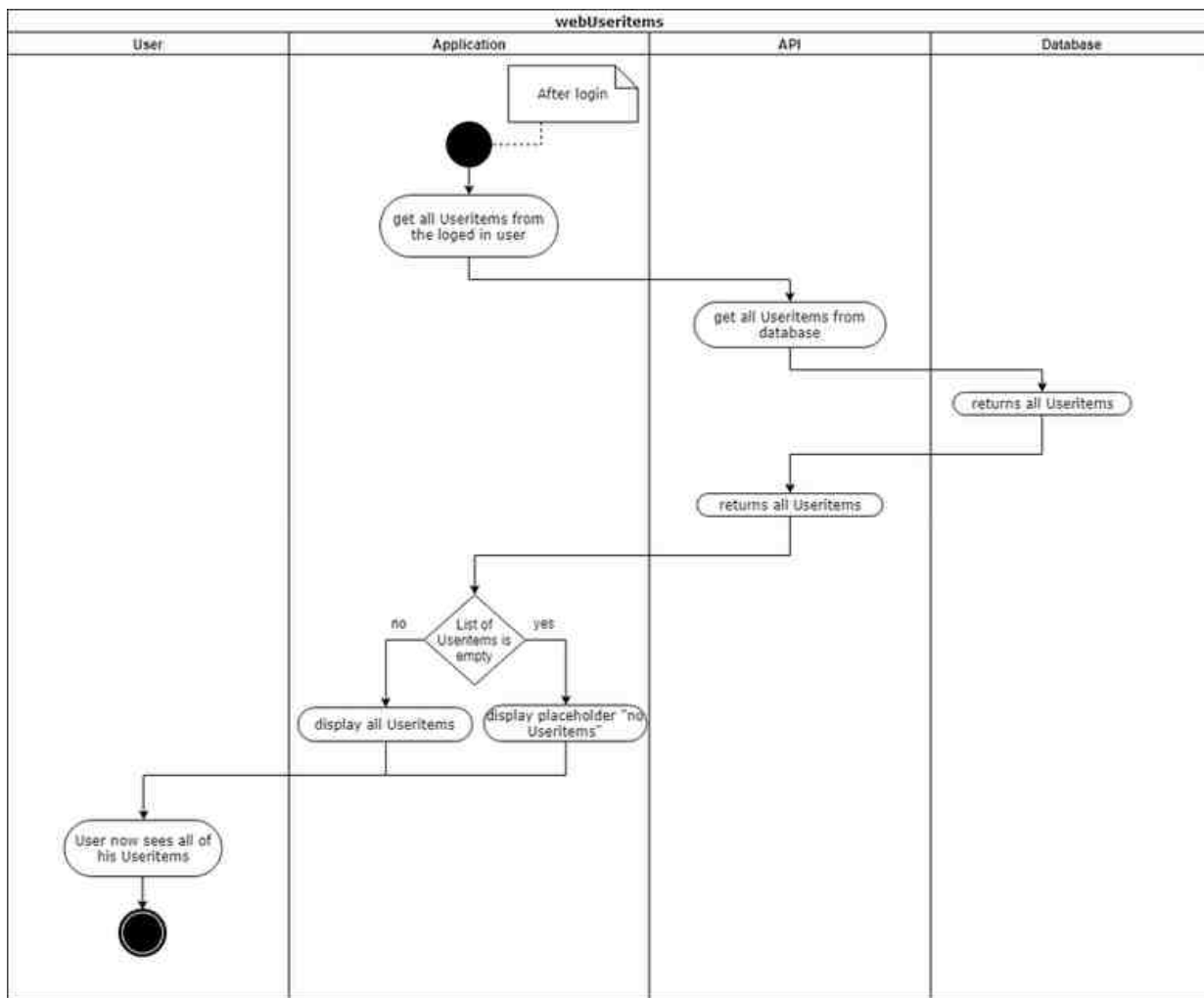
Max Mustermann

02 Dez 18

22 Oct 18

Active-diagram of the WebUserItem:

[6]



1. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/mobileUserItems/mobileUserItemsUCS.md>
2. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/webUserItems/webUserItemsUCS.md>
3. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/mobileUserItems/mobileUserItemsMockup.png>
4. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/mobileUserItems/DashboardMobileDiagram.jpg>
5. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/webUserItems/webUserItemsMockup.png>
6. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/webUserItems/DashboardWebDiagram.png>

perfecttimese (2018-10-24 12:36:16)

Hi guys, first of all: Awesome design. We absolutely love it! Great job. We also think that you selected two very important use cases. Your activity Diagramm looks very similar to those showed in class. So we believe that you should be good with your current progress. So we see no need for changing things. Keep up your great work. Your friends from Perfect Time - plan your trip

NILS@KEEPTHINGS (2018-10-25 09:07:24)

Hi, thank you for this positive review, we try to always deliver the best result. If you have anything we could do better feel free to tell us. Nils

mljenne (2018-10-24 17:24:14)

Hey guys, your blog post this week is really good. The mock-ups look very pretty and the structure of the UCs is planned in detail. We really praise this work. Good work, keep it up! Greetings, Mikka, FyF-Team

NILS@KEEPTHINGS (2018-10-25 09:09:07)

Hi Mikka, thank you for your positive review. Do you have any tips on what we could have done better or do you have any questions regarding our use cases? Nils

Week 11: Midterm Summary – KeepThings (2018-12-23 23:24:06)

[...] Week 4: UC + Prototype [...]

Final Summary – KeepThings (2019-06-23 02:21:50)

[...] Week 4: UC + Prototype [...]

Week 5 Gherkin feature files (2018-10-28 22:24)

Hi folks,

this week we created the two feature files for our first two use cases [1]dashboardWeb and [2]dashboardMobile.

See you next week for further updates.

1. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/Features/dashboardWeb.feature>

2. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/Features/dashboardMobile.feature>

PerfectTimeCrew (2018-10-29 16:04:06)

Hi Guys, thank you for giving us the current status of your project. Your feature files are well structured and contain the most important things. There is nothing to add or to change. Great job! We are looking forward to your next steps. Keep going with your good work. Your Perfect Time Crew

EventLAB Team (2018-10-30 19:10:20)

Hey Guys, thank you for keeping us up to date with the progress of your project. We like to see the progress and how the application shapes. Your feature files contain enough information and are clear structured. Keep up the good work and inform

us. Your EventLAB team

DHBWieWarsEssen (2018-11-08 12:48:21)

What's poppin' dudes! we thank you for the update and appreciate the insight into your project progress. The feature files are clear and not too complicated which makes them easy to understand. Nevertheless, they contain enough information for successful tests. Keep the good stuff coming... Regards Luis@DHBWieWarsEssen

Week 11: Midterm Summary – KeepThings (2018-12-23 23:24:08)

[...] Week 5: Gherkin feature files [...]

Final Summary – KeepThings (2019-06-23 02:21:52)

[...] Week 5: Gherkin feature files [...]

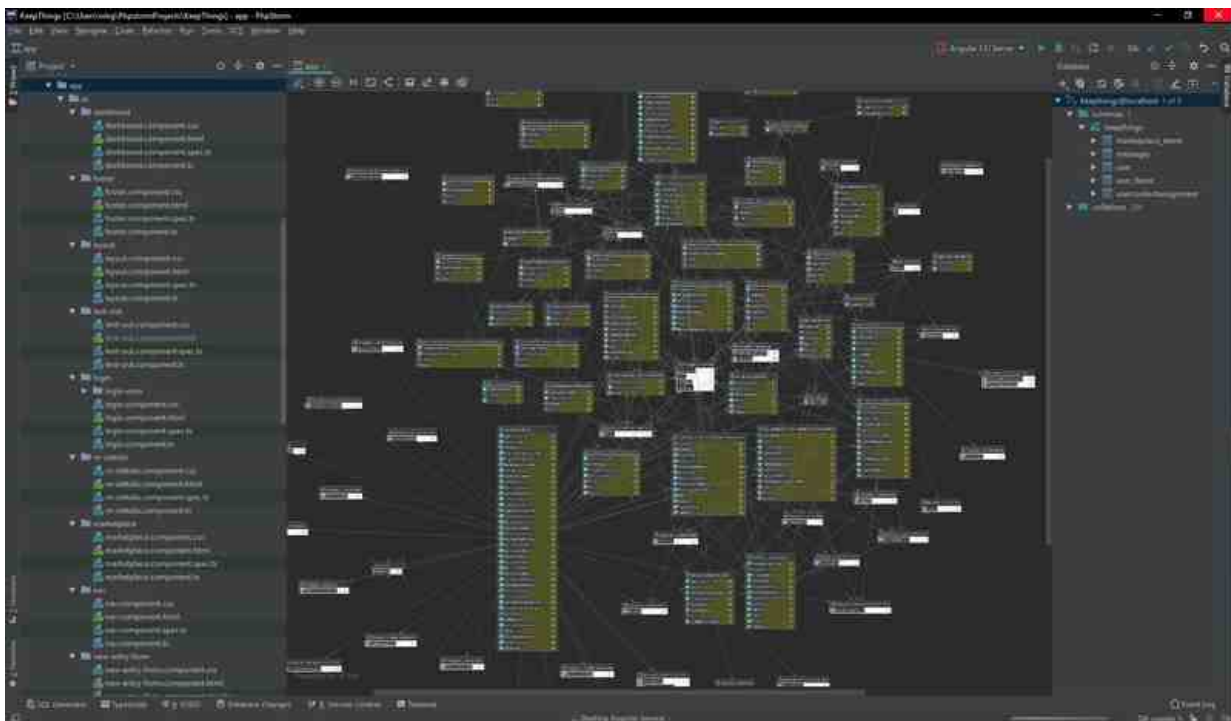
1.2 November

Week 6: Class Diagram / DB Schema (2018-11-12 00:47)

Hi folks,

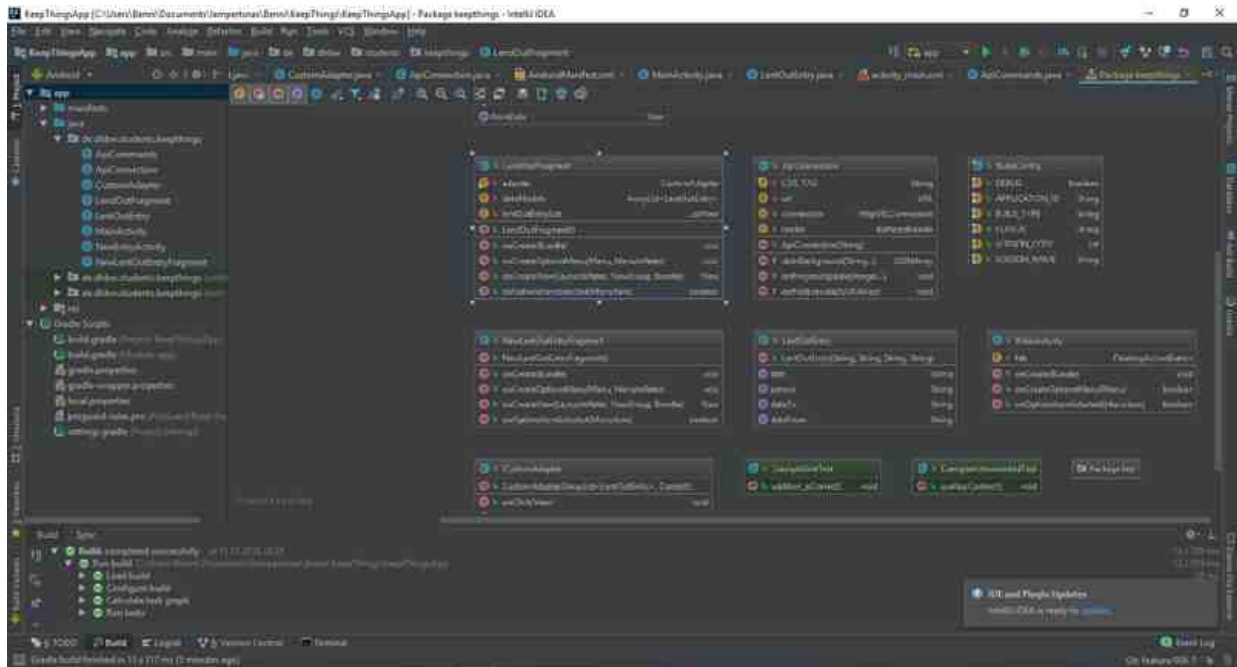
this week we worked on our implementation. We also created two Class Diagrams, one for the [1]Angular App (Web) and one for the [2]Android App.

[3]



Proof of auto-generated Class Diagram (Web)

As you can see our class diagram is quite complex because we are already advanced in our implementation. Also in Angular you have a **lot** dependencies which makes this all a bit confusing.



Proff of auto-generated Class Diagram (Mobile)

Because of the Android structure there are no connection between the Java Files. The connection is made via XML-Files.

We also created a [5]DB Schema.

See you next week :)

1. <https://github.com/KeepThings/KeepThingsWeb/blob/master/resources/ClassDiagram/KeepThingsWebClassDiagram.svg>
2. <https://github.com/KeepThings/KeepThingsWeb/blob/master/resources/ClassDiagram/KeepThingsAppClassDiagram.svg>
3. <https://github.com/KeepThings/KeepThingsWeb/blob/master/resources/ClassDiagram/KeepThingsWebClassDiagramProof.PNG>
4. <https://github.com/KeepThings/KeepThingsWeb/blob/master/resources/ClassDiagram/KeepThingsAppClassDiagramProof.png>
5. <https://github.com/KeepThings/KeepThingsWeb/blob/master/resources/SoftwareArchitectureDocument/DBSchema.png>

EventLAB Team (2018-11-12 17:48:33)

Hey guys, it's nice to see the progress you've made this week. Regarding your database schema, you did a good job! It is easy to understand and makes sense to us. Nevertheless, we have got one question: If someone would like to lend items multiple times, this requires multiple entries in your user _items table. That means, the item name and description are stored multiple times in the database - which is a bit redundant. Perhaps, it would make sense to move the item name and description into another table and include them via the item _id as a foreign key? But this might not be necessary if users cannot save their items for multiple uses anyway. Additionally, we like that you auto-generated your class diagrams within your IDE. Unfortunately, they seem pretty confusing to us with all the arrows across the image. Perhaps, you can reduce this to only show the most important classes for your project? Then your class diagram might clarify your code structure so that everyone can understand it easily. Best regards, Your EventLAB Team

NILS@KEEPTHINGS (2018-11-13 12:11:38)

Hi, thank you for your feedback. Regarding your suggestion about our database structure, we don't plan to implement such a feature because the description is always individual regardless of the item name. We plan on using auto-complete for the user input so you get faster access to the items you have lent out some time ago. Regarding our class diagram, we are still looking for a better option to do it without having to manually create it because this will take too much time, especially considering the class diagram changes as we progress with our implementation. Best regards, Nils

flashcardcommunity (2018-11-12 19:46:43)

Hello there, it is always good to here that you keep implementing to make your progress. As you already mentioned yourself the diagramm is quite complex and hard to understand. Sadly I can't read what field/methods you gonna use due to the low resolution of the picture. The picture for your mobile apps' diagramm is better. I can understand your structure there way better. Regarding your DB Schema, I'd really like to look at it, but I somehow can't load the file in your GitHub. So you might want to recheck if the link is not correct anymore. After all keep up your good work, I'm really looking forward to first view of your application! Sincerely Benjamin@FlashCardCommunity

blapplications (2018-11-13 11:44:28)

Hey Benjamin, thanks for your input. If you use the links at the top of the first picture you can look to the svgs in our Git-Repository. If you open this svg in your Browser it is nice to look at it, just move it in a new tab. I clicked at the DB-Schema link at the moment and it works. You could also use this link: [https://github.com/KeepThings/KeepThings-Web/blob/master/recources/DBSchema/DB Schema.svg](https://github.com/KeepThings/KeepThings-Web/blob/master/recources/DBSchema/DB%20Schema.svg) It is nice to hear your feedback. Keep your work Benedikt

Week 11: Midterm Summary - KeepThings (2018-12-23 23:24:09)

[...] Week 6: Class Diagram / DB Schema [...]

Final Summary - KeepThings (2019-06-23 02:21:54)

[...] Week 6: Class Diagram / DB Schema [...]

Week 7: Scrum and Targetprocess (2018-11-18 22:00)

Yo boooizz what's up,

this week focused on our implementation, mainly on the mobile part. We also shared our current [1]Scrum Board, Task List ([2]Mobile and [3]Web) and our [4]RUP Board. We also created a [5]Burn Down Chart for you.

Here you can see our [6]Time Tracking and [7]GIT Integration. We don't have an automatic time tracking because Targetprocess doesn't have this feature but we can do it manually.

We really appreciate your feedback, so if you have anything we can do better, please let us know!

See you next week! :)

1. <https://tauboard.com/v/401b1fa8ea92648a8df8fc9031f162fe>
2. <https://tauboard.com/v/3aff7d3b57595c89dc34c8fd2e47ed2d>
3. <https://tauboard.com/v/ed539d8bcaeab1c2c21c2e4e8e59f8d2>
4. <https://tauboard.com/v/b5738a2d0edf0dce50c14b0da929d82f>
5. https://raw.githubusercontent.com/KeepThings/KeepThingsWeb/master/recources/Targetprocess/Burn_Down_Elab_2_W6.PNG
6. https://raw.githubusercontent.com/KeepThings/KeepThingsWeb/master/recources/Targetprocess/Time_Tracking.PNG
7. <https://raw.githubusercontent.com/KeepThings/KeepThingsWeb/master/recources/Targetprocess/Git-integration.png>

Team DigiWill (2018-11-20 17:25:02)

Hello, nice to hear about your progress. First of all one minor mistake is that you wrote "implentation" instead of implementation. The scrum board and the managing of the tasks looks really nice. You did a good job there. One thing that could be nice for future readers are some screenshot directly on the blog. Your integration of git seems very useful because I can see which files were edited directly in the task. But one thing I wondered about was if you guys have a git integration or something like that directly in your IDE or if you manage your git stuff with another tool. All in all your overview shows that you are really well coordinated. I'm looking forward to read from you again. Regards, Morten Harter Team DigiWill

NILS@KEEPTHINGS (2018-11-21 13:17:21)

Hi, thank you for your feedback. I corrected the spelling mistake. Considering your proposal to put screenshots on our Blog, we think it's better to link you directly to the page because screenshots often have bad quality so you won't see much. But we will try to implement them when it's useful. Regarding our GIT integration, we use PhpStorm and AndroidStudio/IntelliJ which both have GIT integration. For Targetprocess you need the GIT Plugin. If you are interested in how it works in detail, you can look it up here: <https://www.targetprocess.com/guide/integrations/integrations-source-control/git/>. Regards, Nils

KeepTrack (2018-11-25 21:02:23)

Hello there, thanks for your update on all the tools as well as your progress. Your scrum board, task list and RUP board seem very detailed and well structured, so good job there! I feel like there is a "remaining work" line missing on your burndown chart. For me, it's pretty difficult to see if you are in schedule or not. Maybe I'm just failing to read it properly, though, since you have a "actual progress" line instead. Keep up the good work, I'm very excited to see your first results soon! Best regards, Rouven@KeepTrack

Week 11: Midterm Summary – KeepThings (2018-12-23 23:24:11)

[...] Week 7: Scrum and Targetprocess [...]

Final Summary – KeepThings (2019-06-23 02:21:56)

[...] Week 7: Scrum and Targetprocess [...]

Week 8: GC_Retro (2018-11-25 22:30)

Hi there,

this week we had a little conversation with another team about what is going good and where we still have problems.

First we looked at the positive things. Currently we are slowly getting to know Targetprocess, we have reliable weekly meetings with everyone present to exchange the current state of the project and discuss further actions. Also our Git Repository is looking organized. All assigned tasks are done reliable.

Our current problems are that Targetprocess is quite complicated and we still need some time to completely understand and do everything correctly.

In our weekly meetings we already talk about what went well this week and what needs to be improved but we still really appreciate the opportunity to exchange our current state of the project with different teams.

See you next week for further updates. :)

perfecttime (2018-11-26 13:36:05)

Hey guys, It's great to hear that the retrospective allowed you to reflect on your work so far. We share your opinion that things aren't as simple as they seem at first and they take a lot of time to truly understand them. We felt that we do a lot of talking but only very little coding. But we are experiencing progress in that regard. We hope you will too. So keep up hustling and we will all get there... someday ;-) Your friends from PerfectTime

blapplications (2018-11-29 10:14:07)

Hey, it's nice to hear about your experience. I think our problem was the opposite. We wanted to start coding and just neglected to document all in Targetprocess. But I think we are on a good way to find a balance between coding and documentation.

CodeCrunch (2018-11-29 09:53:41)

Hello KeepThings, it's nice that your meetings and GitHub repo are going well, management and organization is an important part of development. However I'm missing some ideas on how you plan to address your issue of becoming familiar with Targetprocess. Greetings, Janis@CodeCrunch

blapplications (2018-11-29 10:10:32)

Hey Janis, nice to hear from you. There is no difficulty with Targetprocess, the biggest problem was that our Burn-Down-Chart didn't look well. But we fixed that problem by just adding the tasks to a sprint before the sprint begins. Benni

Week 11: Midterm Summary – KeepThings (2018-12-23 23:24:13)

[...] Week 8: GC Retro [...]

Final Summary – KeepThings (2019-06-23 02:21:57)
[...] Week 8: GC Retro [...]

1.3 December

Week 9: MVC Tool (2018-12-03 01:03)

Hi there,

this week we continued our implementation on both Apps and are working on our Unit testing. We also created the Software and Architecture Document which you can find [1]here.

That's it for this week!

See you next time :)

1. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/SoftwareArchitectureDocument/SoftwareArchitectureDocument.md>

learnityyourselfdhbw (2018-12-03 22:07:08)

Hey guys :) I'm missing your deployment view (section 7), especially because you are developing two Applications (Web & App). It would be interesting to see how you are going to deploy them. Besides, you could mention your unit tests in the "Quality" section in your SRA. And as always, *keep things* going ;) Kind regards, jannik@learnityyourself

NILS@KEEPTHINGS (2018-12-06 10:31:20)

Hi, thank you for your feedback. We fixed the missing part. Nils

EventLAB Team (2018-12-04 19:44:57)

Hey guys, good work with your SAD so far. Unfortunately we are missing some parts of your Software Architecture Document for example the deployment view. Moreover it would be great if you could give a more detailed description to the framework you are using. Maybe you can add these things within the next days. We are interested to see your progress. Keep on going :) Cheers, Your EventLAB team

NILS@KEEPTHINGS (2018-12-06 10:32:45)

Hi, thank you for your feedback. We added the missing part and will try to improve our description. Nils

simonleidl (2018-12-06 20:52:31)

Hey guys, we like your SAD. It looks very completed. Also nice that you improve the missing points like the deployment view so fast. Keep on going! Greetings, Simon Leidl / FyF - Team

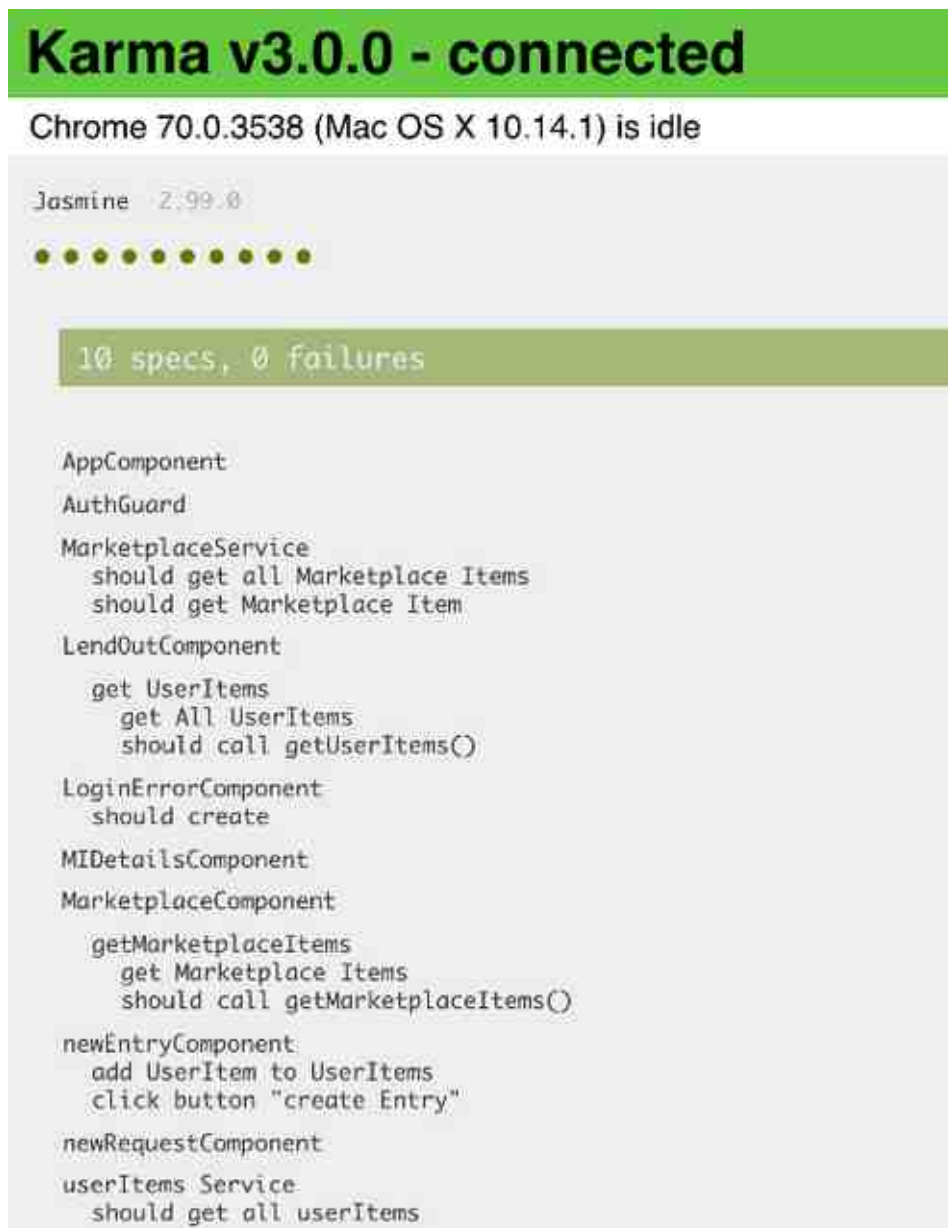
Week 11: Midterm Summary – KeepThings (2018-12-23 23:24:15)
[...] Week 9: MVC Tool [...]

Week 10: Cucumber Running (2018-12-13 17:41)

Hi together,

we are glad to show you that some of our tests are running.

In angular we found no way to create some integration tests that visualize what the test is doing at the moment. Except for that there are test that also test the user input but don't visualize it. If you know how to create such tests please let us know.



In android we are creating cucumber tests with [1]GreenCoffee. Actually two tests are working, you see them in the following video.

<https://youtu.be/rMFdKv4PYhU>

See you soon :)

1. <http://www.methodsandtools.com/tools/greencoffee.php>

Week 11: Midterm Summary – KeepThings (2018-12-23 23:24:16)
[...] Week 10: Cucumber Running [...]

Final Summary – KeepThings (2019-06-23 02:21:17)
[...] Funktional Tests [...]

Week 11: Midterm Summary (2018-12-23 23:23)

Hi together,

now it's the last time you hear from us this year.

We want to give you an overview about what we have done the last 3 months.

Use Cases

- [1] *UserItem Mobile*
- [2] *Marketplace Mobile*
- [3] *Add Entry Mobile*
- [4] *UserItem Web*
- [5] *Add Entry Web*

Feature Files

- [6]*Login App*
- [7]*Add Entry App*

Repositories

- [8]*KeepThingsWeb*
- [9]*KeepThingsApp*

Software Specification

- [10]*SRS*
- [11]*SAD*
- [12]*UCD Web & App*

Targetprocess

- [13]*Burndown*
- [14]*Cumulative Flow with RUP terminology*

Blog Posts

- [15]Week 1: *Blog and Vision*
- [16]Week 2: *Team roles and technology*
- [17]Week 3: *SRS and UCD*
- [18]Week 4: *UC + Prototype*
- [19]Week 5: *Gherkin feature files*
- [20]Week 6: *Class Diagram / DB Schema*
- [21]Week 7: *Scrum and Targetprocess*
- [22]Week 8: *GC Retro*
- [23]Week 9: *MVC Tool*
- [24]Week 10: *Cucumber Running*

Midterm Presentation

- [25]*Slides*

That's all from us. How you know you could ask questions whenever you want.

We wish you all Merry Christmas and a Happy New Year :)

1. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/mobileUserItems/mobileUserItemsUCS.md>
2. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/mobileMarketplace/mobileMarketplaceUCS.md>
3. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/mobileNewUserItem/mobileNewUserItemUCS.md>
4. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/webUserItems/webUserItemsUCS.md>

5. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/webNewUserItem/webNewUserItemUCS.md>
6. <https://github.com/KeepThings/KeepThingsApp/blob/featureTest/app/src/androidTest/assets/Login.feature>
7. <https://github.com/KeepThings/KeepThingsApp/blob/featureTest/app/src/androidTest/assets/addEntry.feature>
8. <https://github.com/KeepThings/KeepThingsWeb>
9. <https://github.com/KeepThings/KeepThingsApp>
10. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/SoftwareRequirementSpecifications.md>
11. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/SoftwareArchitectureDocument/SoftwareArchitectureDocument.md>
12. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UCD-KeepThings.svg>
13. <https://dhwse.tpondemand.com/vizydrop/shared/drop/5c1f87ad5d98660014f633d6?authkey=dda5a97a03abc55a8ddb>
14. <https://tauboard.com/v/b5738a2d0edf0dce50c14b0da929d82f>
15. <https://keepthingsnlb.wordpress.com/2018/10/12/week-1/>
16. <https://keepthingsnlb.wordpress.com/2018/10/15/week-2-team-roles-and-technology/>
17. <https://keepthingsnlb.wordpress.com/2018/10/21/week-3-srs-and-ucd/>
18. <https://keepthingsnlb.wordpress.com/2018/10/23/week-3-uc-prototype/>
19. <https://keepthingsnlb.wordpress.com/2018/10/28/week-5-gherkin-feature-files/>
20. <https://keepthingsnlb.wordpress.com/2018/11/12/week-6-class-diagram-db-schema/>
21. <https://keepthingsnlb.wordpress.com/2018/11/18/week-7-scrum-and-targetprocess/>
22. https://keepthingsnlb.wordpress.com/2018/11/25/week-8-gc_retro/
23. <https://keepthingsnlb.wordpress.com/2018/12/03/week-9-mvc-tool/>
24. <https://keepthingsnlb.wordpress.com/2018/12/13/week-10-cucumber-running/>
25. <https://slides.com/nilsbraun-1/deck-1>

Final Summary – KeepThings (2019-06-23 02:22:01)
[...] Week 11: Midterm Summary [...]

2. 2019

2.1 April

S2 W1: Confirmation of Scope (2019-04-07 21:33)

Hello there,

we are back and want to share our current situation and where we want to go.

First of all we would like to talk about our API.

We discussed our current satisfaction with the API and came to the conclusion, that we want to switch to a C # REST API in order to try to implement SQL Dependencies.

Due to our change in the API we have to do some refactoring in our web and mobile app.

We also want to make some changes on our scopes. Our first idea was to import all the contact information of the user in order to store them so the user can fill in forms for friends more easily. Now we thought about changing this so that we only import the names of the friends due to sensitive data.

We also still plan to implement the message service we talked about on the web app.

Overall we are still working on the registration, settings, message service and auto update of data in the application.

Thats it from us for this week. If you have any questions on how we are doing things, feel free to ask!

Greeting,

KeepThings

S2 W2: Risk Plan/hours spent/new UC (2019-04-15 00:05)

Hello everyone,

this week we focused on our new API, the registration for the web app and the marketplace for our mobile app.

We also created a [1]**risk plan**, a table overview where we track our [2]**effort per Use-Case** and added new UCS for some more Use-Cases. The UCS are for the Use-Cases [3]**webLogin**, [4]**mobileLogin**, [5]**webUserSettings** and [6]**mobileUserSettings**.

Your feedback is really appreciated.

See you next week :)

1. <https://docs.google.com/spreadsheets/d/1T0--0f2wG8UPpRi9SmLw5gx-M1fBkvnnIHfL60SRZoU/edit?usp=sharing>
2. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/KeepThings%20Effort%20by%20UC.pdf>
3. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/webLogin/webLoginUCS.md>
4. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/mobileLogin/mobileLoginUCS.md>
5. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/webUserSettings/webUserSettingsUCS.md>
6. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/mobileUserSettings/mobileUserSettingsUCS.md>

Tenniskönig (2019-04-15 11:21:50)

Hey guys, you have very colourful tables! Maybe it would fit better if you colour the risks by the risk factor and not by some randomness :) Byside i think you did a pretty good job and the UCs are looking good. Keep going! Tenniskönig

NILS@KEEPTHINGS (2019-04-17 08:45:00)

Hey, thank you for your feedback. We choose random colors for better distinction between the sections. They have nothing to do with the risk factor. We will consider changing it in the future if we think it will improve the readability.

EventLAB Team (2019-04-16 08:44:32)

Hello Guys, thank you very much for your progress update. We really like your risk plan including the responsible persons and the table for the effort you put in your different use cases. Regarding the use case diagrams, is it correct that both use case specifications for logging in include the same activity diagrams? Keep up the good work. Kind regards, EventLAB

NILS@KEEPTHINGS (2019-04-17 08:37:13)

Hi, thank you for your feedback. To answer your question, yes both use cases have the activity diagram because the operation of login in is the same.

Final Summary – KeepThings (2019-06-23 02:22:04)

[...] S2 W2: Risk Plan/hours spent/new UC [...]

S2 W3: Function Points (2019-04-24 02:12)

Hello together,

this week we focused on refactoring of the web app with auth0 and the new API.

We calculated the Function Points for our old and some of our new use cases. We used those and the time we spend on the old use cases to calculate the estimated time we need for the new use cases.

In our project we have a problem that for example the use cases mobileLogin and webLogin have the same function points but take a different time to implement. That's because of the different platforms and different people who don't program at the same speed. That's why our FP/UC diagram seems a little bit strange.

In this excel sheet you can find our graph which describes our velocity. You will also find the explanation for the RET, DET and FTR. There is also a second table which you can switch to at the bottom. There you will find the table from last week with the added function points for the use cases

[office src="https://onedrive.live.com/embed?resid=5B0D64BCAD6373D6 %2125382 &authkey= %21ABX-EgL1s4sYT8Cs &em=2 &wdAllowInteractivity=False &wdHideGridlines=True &wdHideHeaders=True &wdDownloadButton=True &wdInConfigurator=True" width="1000" height="800"]

For the FP calculation we used the following **[1]tool**:

Here is a screenshot of our complexity:

Complexity Adjustment Table

ITEM	COMPLEXITY ADJUSTMENT QUESTIONS	SCALE					
		No Influence 0	1	2	3	4	Essential 5
1	Does the system require reliable backup and recovery?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
2	Are data communications required?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
3	Are there distributed processing functions?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4	Is performance critical?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5	Will the system run in an existing, heavily utilized operational environment?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6	Does the system require on-line data entry?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
7	Does the on-line data entry require the input transaction to be built over multiple screens or operations?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8	Are the master files updated on-line?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
9	Are the inputs, outputs, files or inquiries complex?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
10	Is the internal processing complex?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11	Is the code to be designed reusable?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
12	Are conversion and installation included in the design?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
13	Is the system designed for multiple installations in different organizations?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
14	Is the application designed to facilitate change and ease of use by the user?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

[Domain Characteristic Table | FP Calculation](#)

Here is a list to our current Use Cases:

Old UC's:

[2]webUserItem

[3]webNewUserItem

[4]mobileUserItem

[5]mobileNewUserItem

[6]mobileMarketplace

New UC's:

[7]webLogin

[8]webUserSettings

[9]mobileLogin

[10]mobileUserSettings

Thats it from us for this week, see you next week :)

1. http://groups.umd.umich.edu/cis/course.des/cis525/js/f00/harvey/FP_Calc.html?tCountVal=0#FPCalc
2. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/webUserItems/webUserItemsUCS.md>
3. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/webNewItem/webNewItemUCS.md>
4. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/mobileUserItems/mobileUserItemsUCS.md>
5. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/mobileNewItem/mobileNewItemUCS.md>
6. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/mobileMarketplace/mobileMarketplaceUCS.md>
7. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/webLogin/webLoginUCS.md>
8. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/webUserSettings/webUserSettingsUCS.md>
9. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/mobileLogin/mobileLoginUCS.md>
10. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/mobileUserSettings/mobileUserSettingsUCS.md>

KeepTrack (2019-04-24 09:20:25)

Hey guys, great work on your Function Points Estimation. I like the amount of details you provided regarding the RETs, DETs and FTRs. And we have the same problem you described with the UseCases, because we also build a Web- and a Mobile-Application, so we understand the struggle you have with it :D Maybe you could use another kind of presentation for the Excel-Sheet. I almost missed your diagram and especially the second table, so you could mention it in your text beforehand, that I should scroll a little bit through the sheet to see everything you worked on. I am looking forward to see, how accurate your estimation will be in the end. Best regards, Nico@KeepTrack

NILS@KEEPTHINGS (2019-04-24 09:34:57)

Hi Nico, thank you for your feedback. I added a description for our excel sheet to make it more clear. Best regards, Nils

mljenne (2019-04-24 10:22:51)

Hi Keepthings-Team, your post looks good after you add the missing things. The UCS look good as well. Go on. I'm curious how things will continue. Best regards, FyF-Team

Final Summary – KeepThings (2019-06-23 02:21:27)

[...] FP Calculation/Long Term estimation [...]

2.2 May

S2 W4: Unit Testing (2019-05-03 02:00)

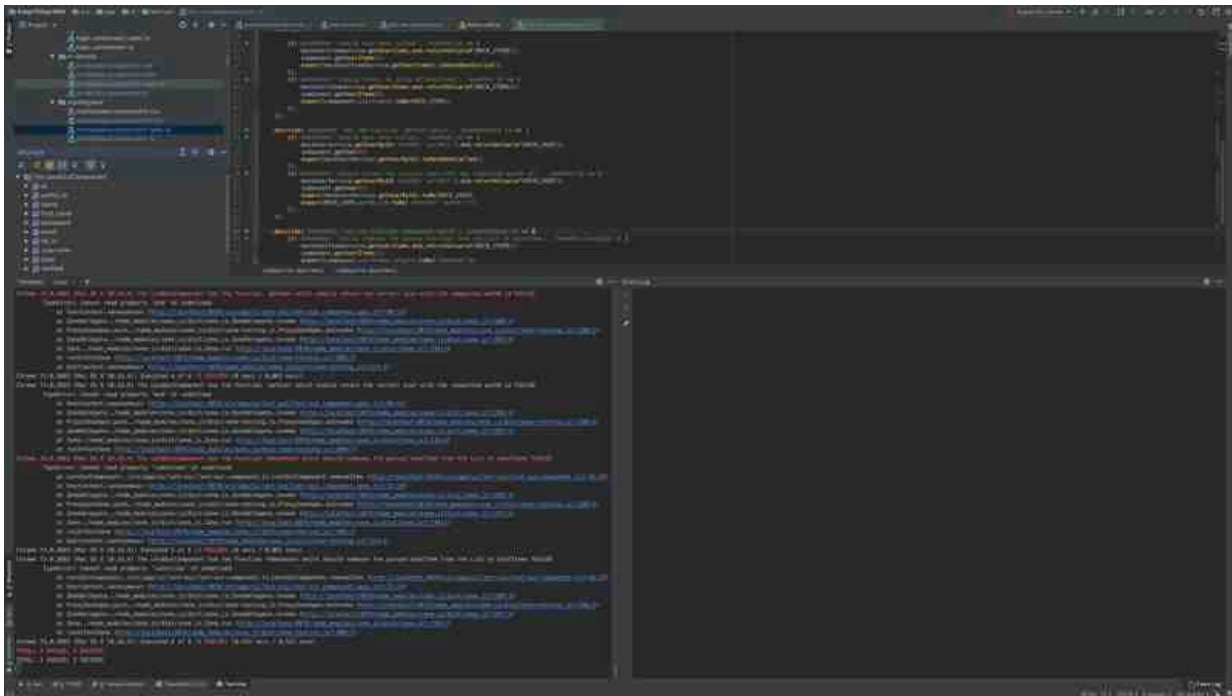
Good day Fellas,

this week we included some additional testing to our project. To implement Unit Tests we used JUnit for Android and Jasmine for Angular. With Unit Tests we increased our overall test-coverage.

Here are the links to:

- an [1]Example-Testfile (all spec.ts files are Testfiles)
- [2]Karma and [3]gradle config file (for integrating unit testing)
- our [4]Testplan

Here is a picture of some executed Unit Tests in phpStorm:



See you next week :)

1. <https://github.com/KeepThings/KeepThingsWeb/blob/master/src/app/marketplace.service.spec.ts>
2. <https://github.com/KeepThings/KeepThingsWeb/blob/master/src/karma.conf.js>
3. <https://github.com/KeepThings/KeepThingsApp/blob/master/app/build.gradle>
4. <https://github.com/KeepThings/KeepThingsWeb/blob/master/resources/TestPlan.md>

Tenniskönig (2019-05-07 11:14:03)

Hey guys, your post looks very nice. It shows that you have a plan and can develop with Unit-Tests. Maybe you can put the screenshot to your git that you can read it without "show graphic". But this is just a little point. Good Work. Best regards, Tenniskoening

blapplications (2019-05-08 08:20:02)

Hello Tenniskönig, thanks for the hint. We will fix this. Best regards KeepThings

DHBWieWarsEssen (2019-05-07 16:22:04)

Hola Amigos! You really made a good job with Unit Testing and everything around this topic. As the guys from Tenniskönige already mentioned, you should put a screenshot of your UnitTests in your blogpost. When this is done, the blogpost is in my eyes perfect. We hope to see more from you. Best regards Thimo@DHBWieWarsEssen

DHBWieWarsEssen (2019-05-07 16:29:10)

I have to correct my comment, since the picture didn't load. So you did very well guys. Sorry.

Final Summary – KeepThings (2019-06-23 02:21:18)

[...] Tests Web and [...]

S2 W5: Refactoring (2019-05-06 23:06)

Hello guys,

we want you to tell that this week we practiced our refactoring skills. We got some helpful tips from Martin Fowlers book [1]"Refactoring: Improving the Design of Existing Code".

We also used the help from our IDE (IntelliJ) to format the code (Strg + Alt + L) or rename variables (Shift + F6) with just on shortcut.

Here you find our work:

<https://github.com/NoSkillSwagger/FowlerRefactoring>

<https://github.com/FruitGLEmon/Refactoring>

<https://github.com/blapplications/dhbwse-refactoring>

We also

become acquainted

with the usage of [2]codacy, wich is a very helpful tool to easily see how good your code is.

Have a nice week :)
KeepThings

1. https://www.csie.ntu.edu.tw/~r95004/Refactoring_improving_the_design_of_existing_code.pdf
2. <http://codacy.com/>

flashcardcommunity (2019-05-07 09:28:30)

Hey blapplications, it is good to see that you are learning about refactoring your code. Using code analytic tools like Codacy is very helpful as well. So you are definitively on the right way! But after taking a look into your repositories I found a few tips that might help you: NoSkillSwagger: Your first test is basically only testing setter and getter methods of your customer. However in most cases you don't need to do this kind of tests but focus on methods containing some logic. Your other test is ok, but normally you don't want to have one tests for the whole application. Otherwise you wouldn't be able to determine the source of an appearing error. The refactoring steps you made look fine even though you could have combined some steps, for example when you changed your Vector to an array list, you normally want to use the type of List. But I'm sure that you would have done that later on. FruitGLemon: Your code is the same as NoSkillSwagger's, maybe you have done the homework together? That is fine if you helped each other and learned something this way. But maybe you could have found different ways of refactoring doing this alone. blapplications: Your tests have the same problems as above mentioned. However you used a different method of refactoring by not changing to much of the logic but extracting different classes and methods. That's a good start, because you get a better overview of your project. So you might want to share your style with your partners to get the best out of both styles. Best regards Benjamin@FlashCardCommunity

learnityourselfdhbw (2019-05-07 09:54:47)

Hello Blapplications team, Nice work! I agree with the points made by the flashcardcommunity to test a little more than just getters and setters. I have one small other thing to point out: Maybe you could get used to naming your git commits uniformly, as an example you could name a commit in which you refactored code "Refactor: Renamed Variables" as an example. It makes reading and understanding commits easier. Sincerely, Jannik@learnityourselfdhbw

NILS@KEEPTHINGS (2019-05-15 08:59:43)

Hey, thank you for for feedback, we will try to improve it next time. Nils

betanummeric (2019-05-07 10:03:07)

Hi KeepThings! You have all refactored successfully some minor code smells (there could be done more), but you missed out to reduce the complexity of Customer.statement and Customer.retailPriceFor methods. By extracting methods and creating new classes you could have create a much cleaner code. Furthermore you should get familiar with using a .gitignore file. Compilation output and ide specific configuration files do NOT belong into a git repository! Listing every possible refactoring you could proceed with would be too much so I'll just give you some hints: Look up, which different syntaxes you can use to iterate over an List. Spoiler: You can get rid of the Enumeration. Also you should take a look at functional programming in java - this provides another universe of oneliners. In IntelliJ you should check out the menu option Analyze > Inspect Code. @blapplications You started off with the wrong commit of the source repository, check the task! Greetings Felix from turnie.re

NILS@KEEPTHINGS (2019-05-15 09:00:36)

Hey, thank you for the tip with the .gitignore file. We will try to use it the next time. Nils

Final Summary – KeepThings (2019-06-23 02:22:06)
[...] S2 W5: Refactoring [...]

S2 W6 Retrospective 2 (2019-05-08 11:19)

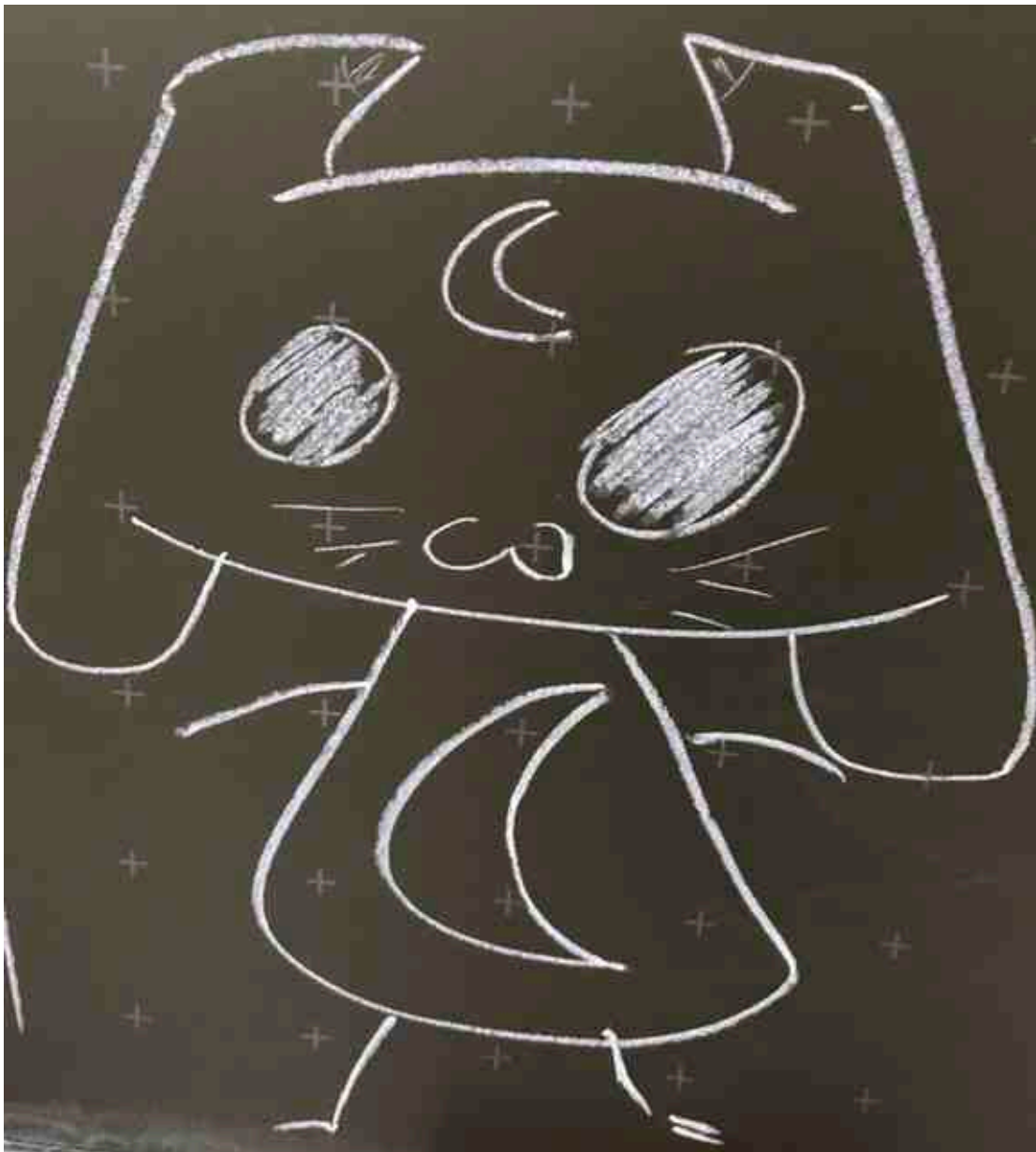
Hello there,

this week we did another retrospective.

In terms of our progression speed described as a car, we would say, we are a lamborghini with a motor break-down. We are almost finished but there are still some struggels.

Since last time we learned a have a better understanding of our project management tool Targetprocess. We also have more efficient meetings which increases our overall working speed.

This picture describes our strength in the team:



Our new mascot: Nightcord

We are mostly active in the night time and talk over discord, which is a online communication service.

We want to improve our project management overall and especially we want to focus on keeping old files up to date. We also want to raise our test coverage.

Thats it for this week, see you next week :)

betanumeric (2019-05-15 09:24:56)

Hi Keepthings! I appreciate how you developed a fast working speed. You seem to have found your way. The Nightcord is lovely. I hope you find some sleep between the softwareengineering in the night and the lectures during the day. :) Since this post is now a few days old, have you begun to tackle your obstacles? Have you kept the old files up to date and risen the test coverage? How is your progress on fixing the engine breakdown of the lamborghini? Best regards Felix from turnie.re

Final Summary – KeepThings (2019-06-23 02:22:08)
[...] S2 W6 Retrospective 2 [...]

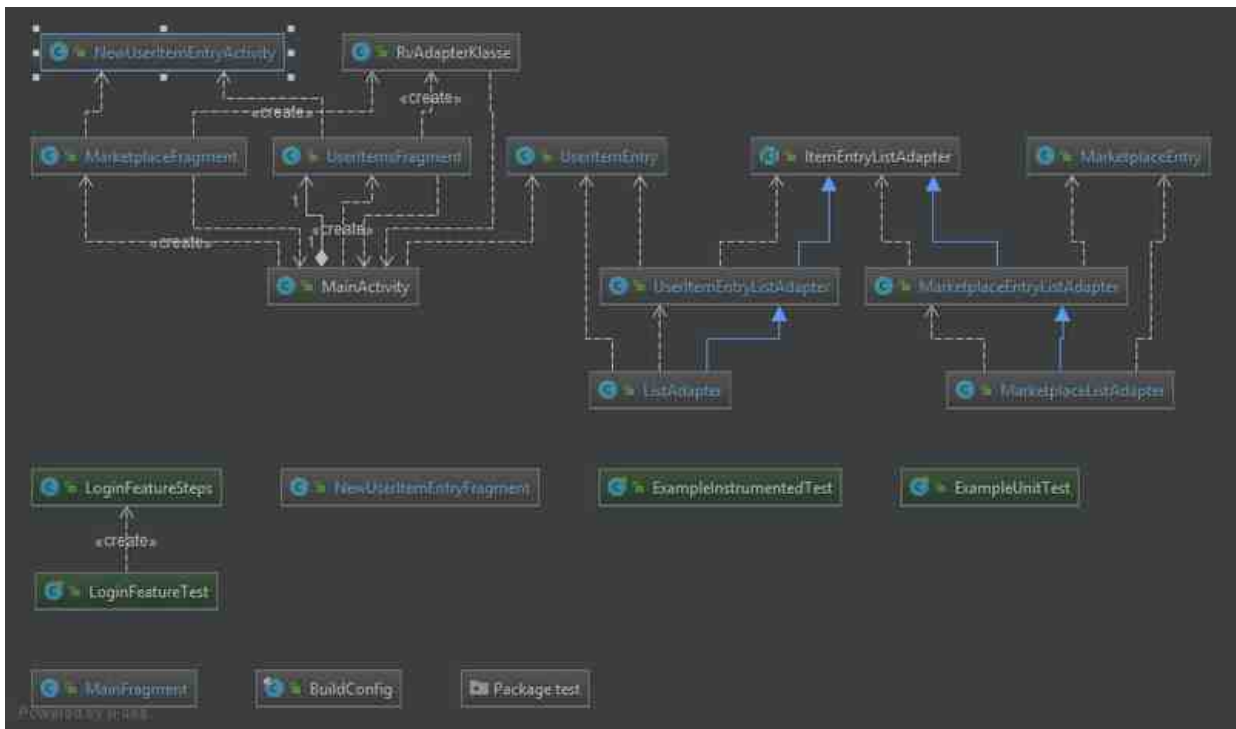
S2 W7: Design Patterns (2019-05-22 01:40)

Hello together,

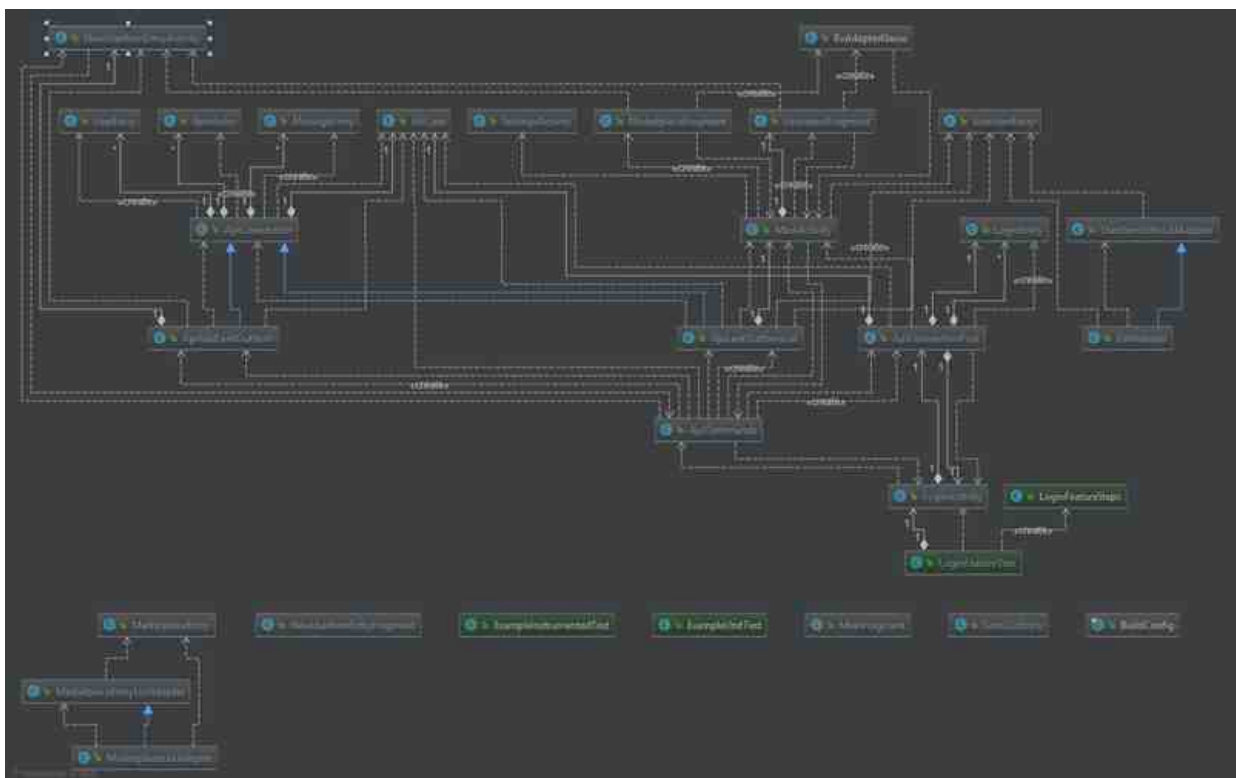
This weeks task was to implement a design pattern into our code. We chose to use the template pattern in which you create an abstract class and use it as the sceleton for the inheriting classes.

Since MarketplaceEntryListAdapter and UserItemEntryListAdapter have a similar construction in methods we decided to use those to apply our pattern to.

In the following screenshots you can see our old and the new class diagram for our adapters. As you can see we have a new class [1]ItemEntryListAdapter.



New Class Diagram



Old Class Diagram

That's it from us for this week, see you next week :)

1. <https://github.com/KeepThings/KeepThingsApp/commit/5cad7b23c427e7a897acdbe7096b399ceb99d37b>

KeepTrack (2019-05-22 09:54:19)

Hey guys, nice work on this blogpost. The pattern you chose seems to make a lot of sense! Just three things you could improve: In your class diagram, you could highlight the changes a bit clearer. Also, maybe you could link the commit of the changes made so it's easy to see what exactly you changed. Lastly, in your code you have the methods "showdata()" and "showdata2()". This seems a bit sketchy to me. Other than that, you had a good idea there and implemented it well! Best regards Rouven@KeepTrack

NILS@KEEPTHINGS (2019-05-22 10:17:16)

Hi Rouven, thank you for your feedback. I told the person responsible to update the code and class diagram. I also updated the link to the commit for better overview of the changes Nils

DHBWieWarsEssen (2019-05-22 11:10:08)

Generic Greeting* Good idea to introduce a new class for your Adapters. That should help improve your code clarity. From looking at the diagrams it looks like you've done a good job implementing your design pattern. Great moves, keep it up, proud of ya. Luis@DHBWieWarsEssen

NILS@KEEPTHINGS (2019-05-22 11:25:35)

Hi Luis, Thank you for your feedback. Nils

Final Summary – KeepThings (2019-06-23 02:21:43)

[...] Patterns [...]

User Interface Test (2019-05-23 01:42)

Hello together,

our first Alpha version is finished and we ask you to test our Web App and give us feedback. To visit our App go to [1]<http://keepthingsweb.azurewebsites.net>. You can create an account and test everything.

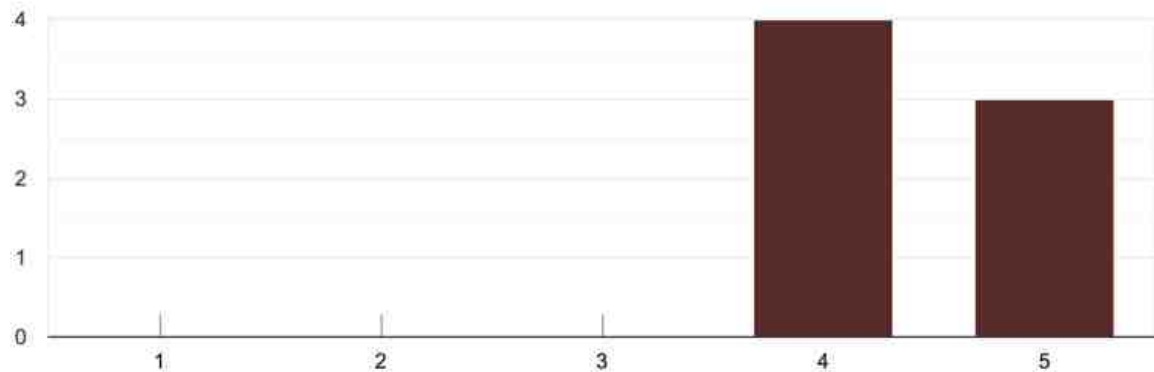
After that please take some minutes and fill out this [2]**form** to give us feedback.

EDIT:

After receiving feedback, here is what you told us:

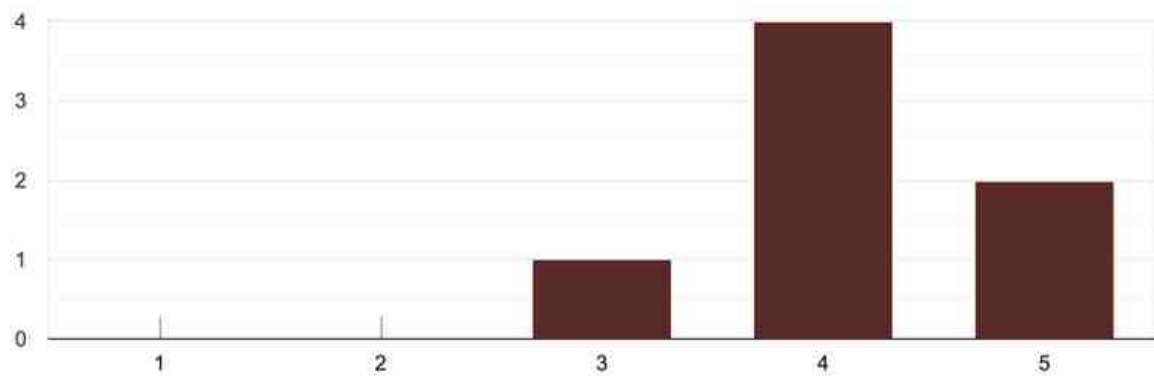
How appealing is the design of our input fields?

7 Antworten



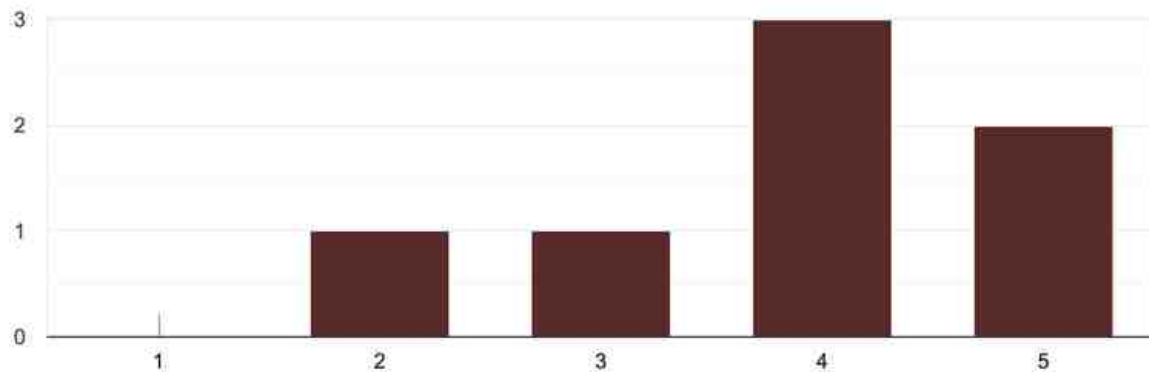
How appealing is the design of the displayed data in the Marketplace and User Items?

7 Antworten



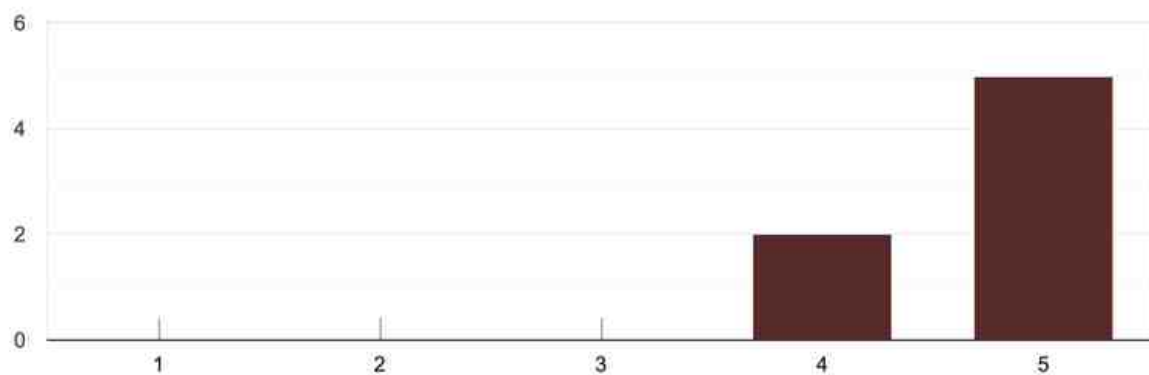
How appealing is the design of the Chat/Messages section?

7 Antworten



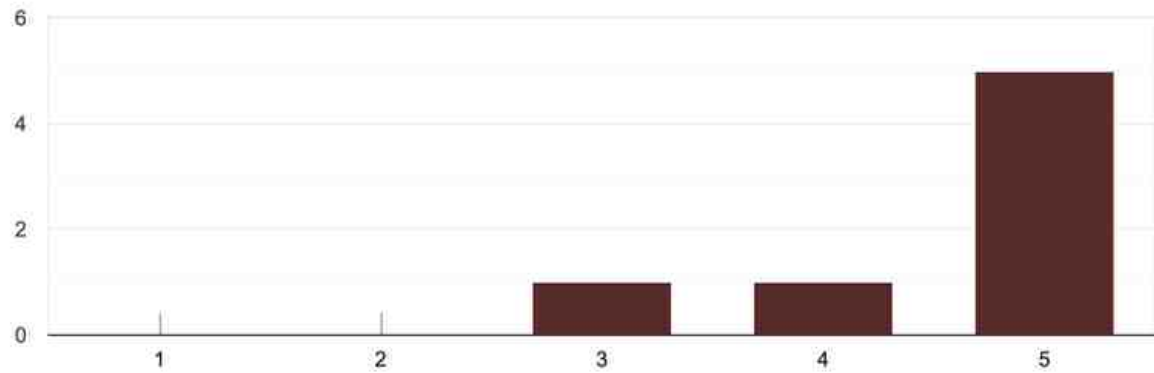
How intuitive was it for you that you could get to the user settings section by clicking on the user icon?

7 Antworten



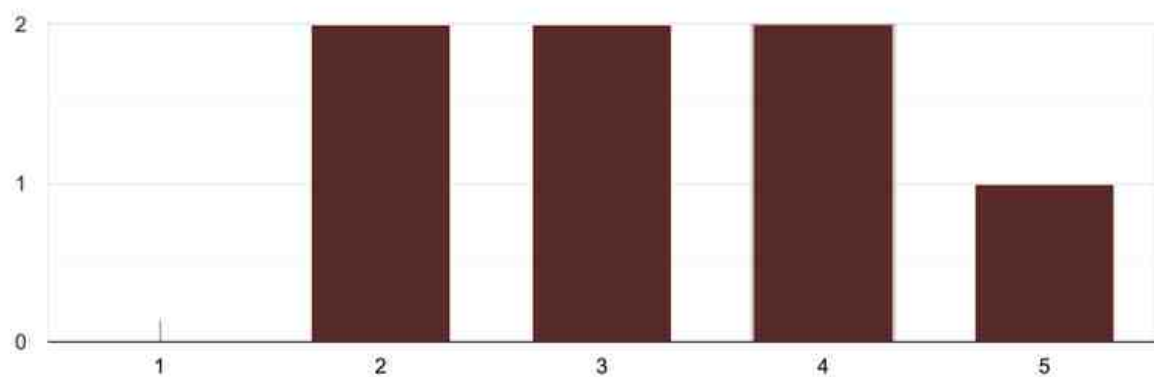
How intuitive was it for you that you could get to the message section by clicking on the letter icon?

7 Antworten



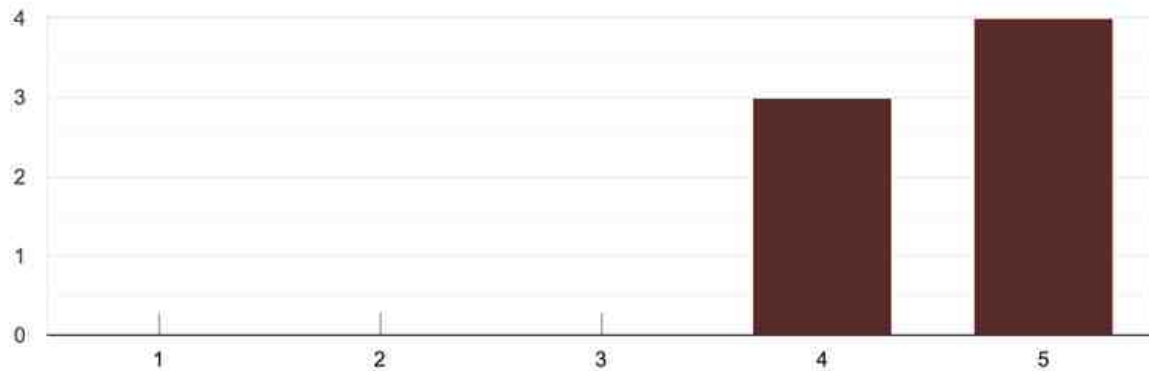
How intuitive did you find the way you could transform a marketplace item to a user item by just adding a person in the borrower section?

7 Antworten



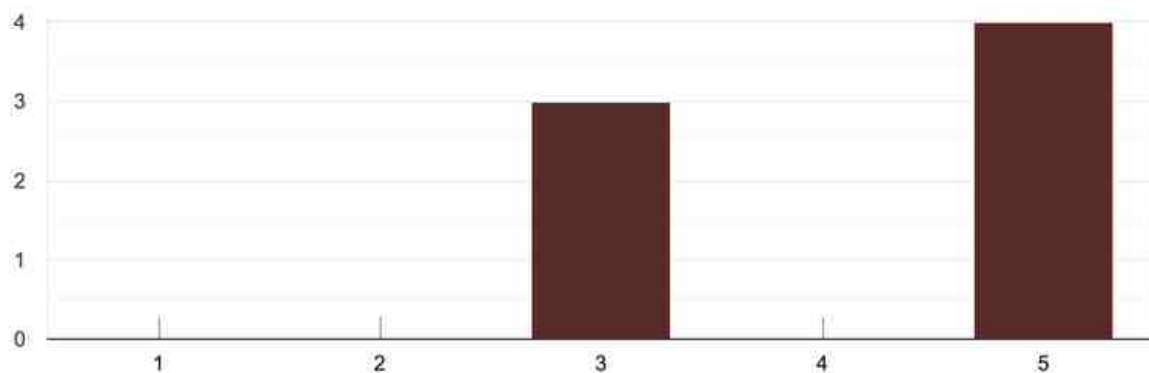
How intuitive did you find the way you could see detail information by clicking on the item you want to view in the list?

7 Antworten



How intuitive did you find the way you could message other users by clicking on their marketplace item and...ing able to just send them a message?

7 Antworten



What's the ONE thing missing from this page?

6 Antworten

The login should be directly on the page, it looks stupid when there is just an login button and nobody knows what that button does. Maybe call it "Login with Auth0"

looks good, everything seems to be there

A short Description or Homepage maybe showing what the App is intended for

Calendar Overview always displayed with due dates for lent out/borrowed items

Alternative login via "Google Login".

Mobile Support

I think for what the app should do all functionalities I expect are implemented

What could we have done better?

6 Antworten

I think the blocks should be full sized, some placeholder text in the message area. I should not could select the to date before the from date. The trash icon could be centered as well as the user name. Maybe a message before I delete an item would be helpful to not delete it accidently.

I could not test the message service because there was no items in the marketplace. The next time you should add some mock data before you start a survey.

Maybe make it more clear, where I can log out

The naming (e.g. "request" was a bit confusing for me)

form checking, error messages displayed at bottom of page, not next to field (entering an end date that is earlier than the start date).

being able to change his Email Address

I think the overall design doesn't fit the modern look of what the apps have today. But considering you were a 2 man group the outcome is satisfying

Overall thank you for your feedback. We implemented some of your suggestions like the control of the dates. We also considered a lot of your feedback for the next version! Thank you again for participating.

END EDIT

We look forward to hearing the feedback from you!

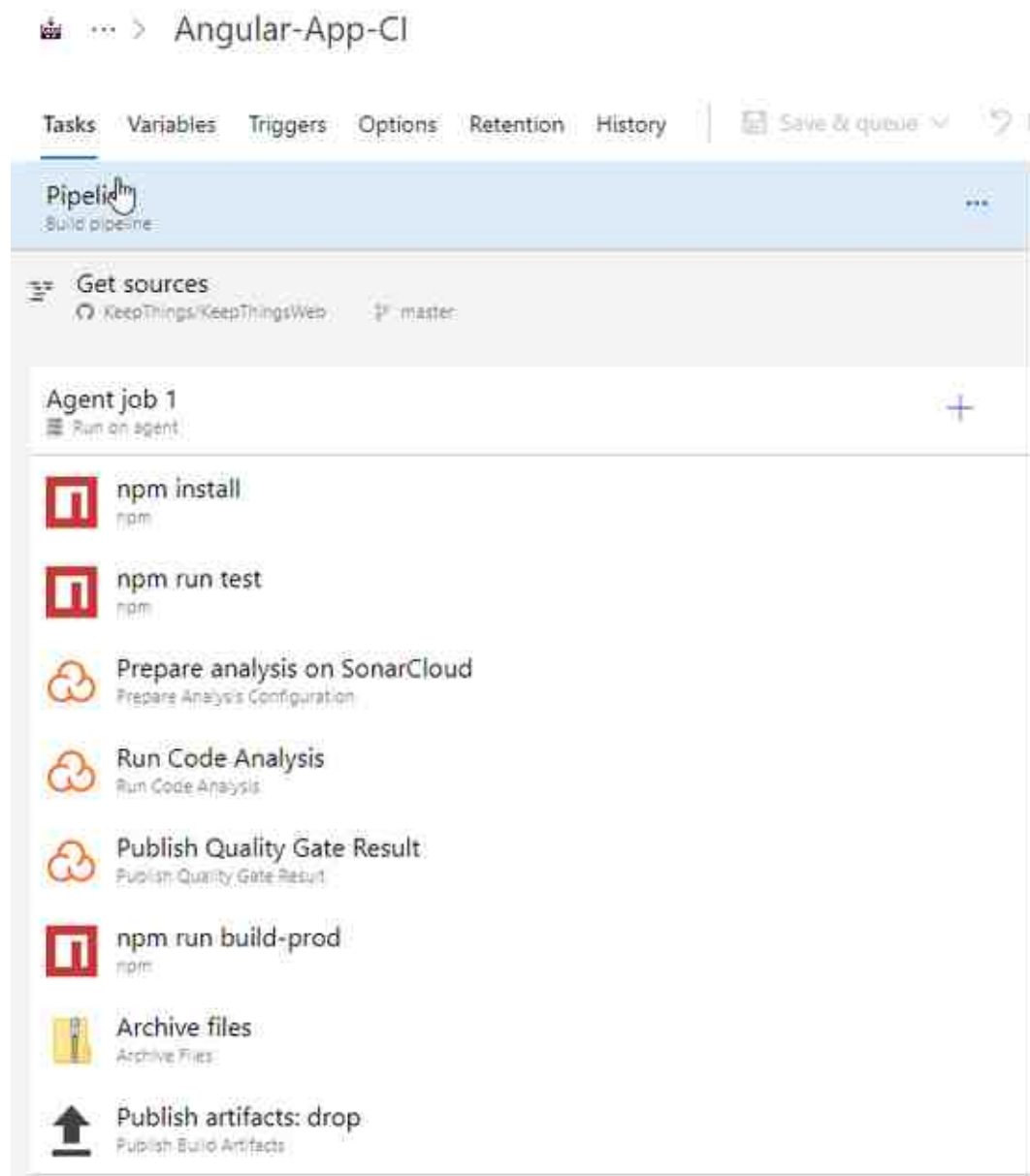
1. <http://keepthingsweb.azurewebsites.net/>
2. <https://forms.gle/nUYALsJgUHB6YRmw9>

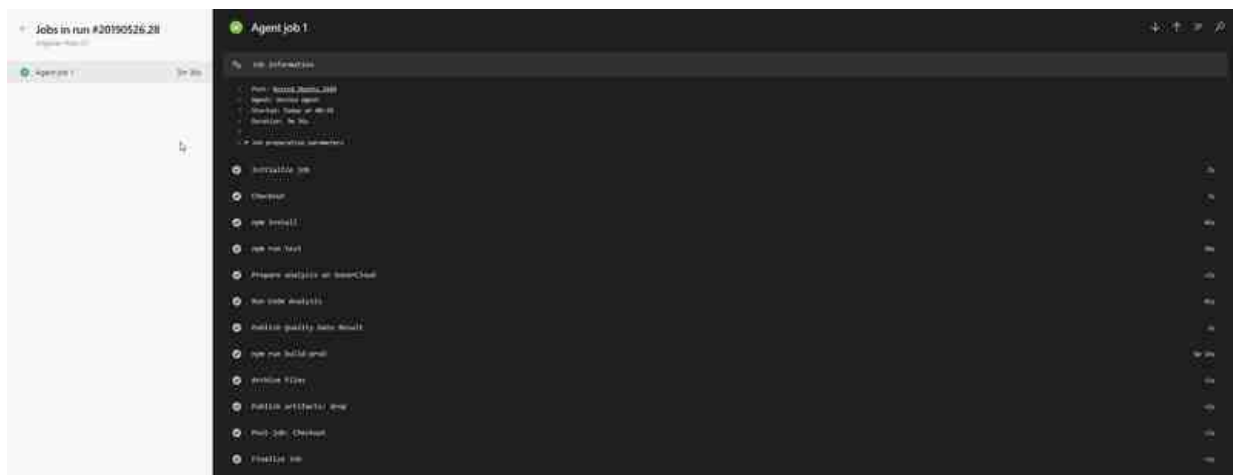
S2 W8: Metrics (2019-05-27 16:13)

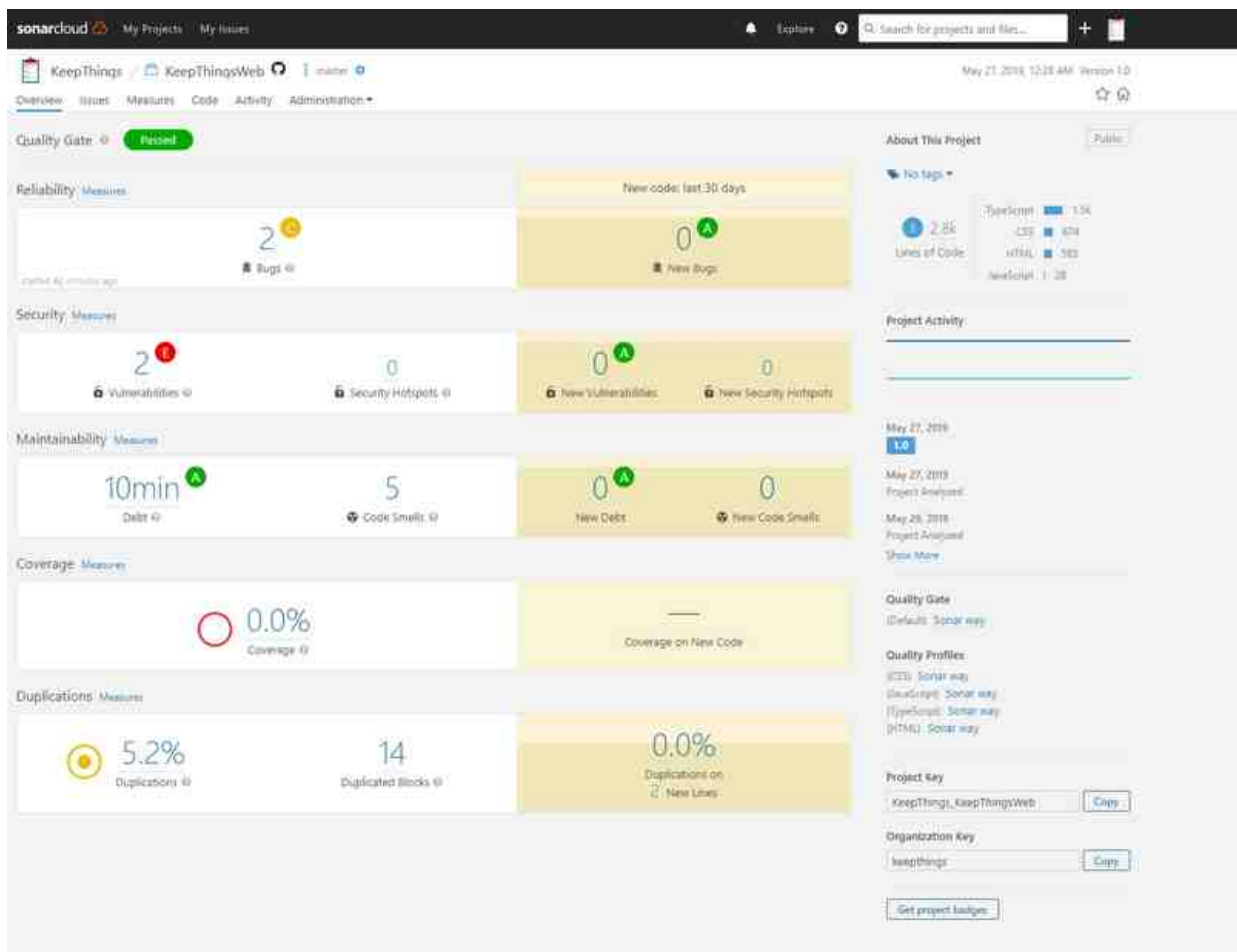
Hello everyone,

this week we focused on implementing SonarCloud for our projects. We used Azure DevOps and created a Pipeline which runs SonarCloud and is triggered, every time something is pushed to our GitHub.

Here you can see our Pipeline, which runs unit tests, SonarCloud and deploys the zip for our release pipeline to automatically deploy it to the server.



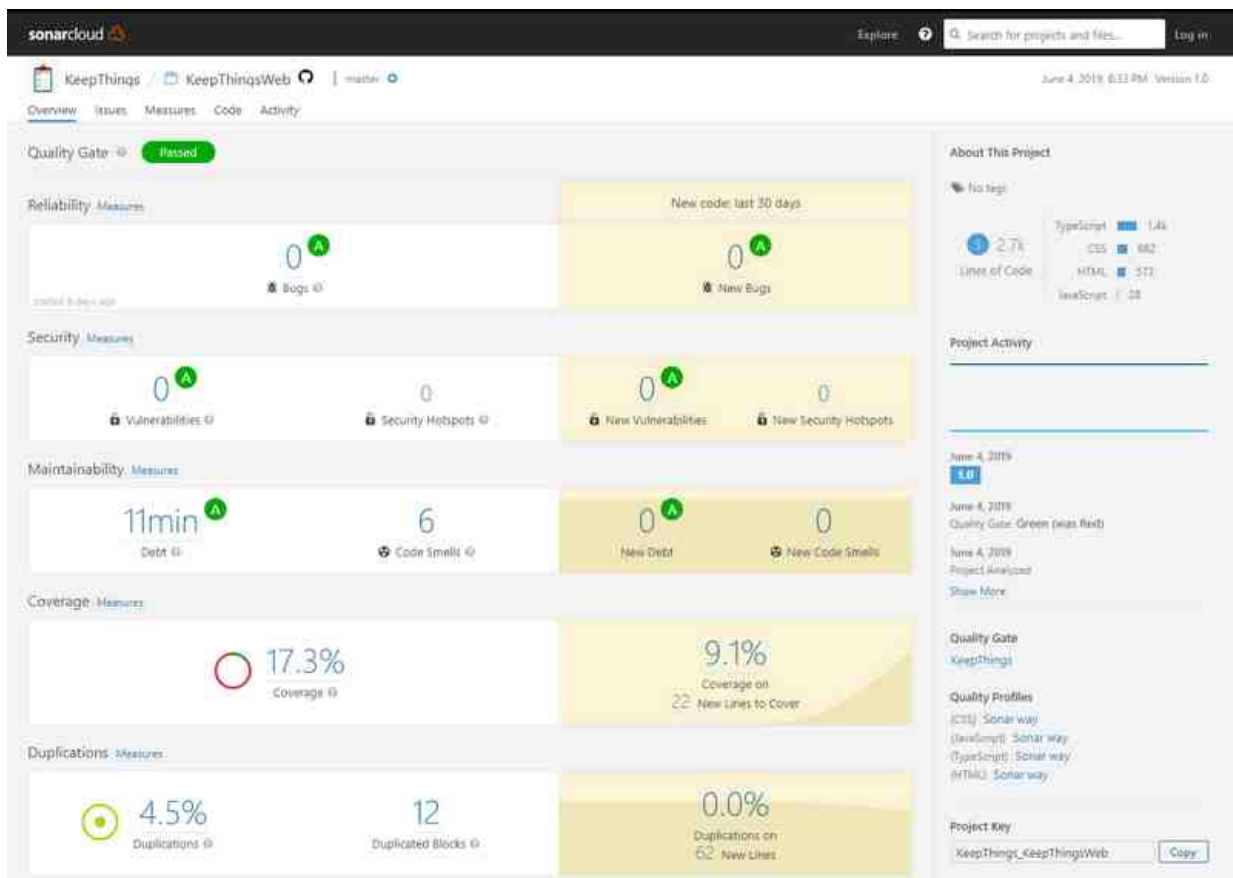




Before Changes

As you can see there were two bugs, two vulnerabilities. We fixed those in this [1][commit](#). What we changed for the two bugs there was pretty simple. There was an `` tag missing in front of an `` tag and we had a wrong implemented font-family. For the vulnerabilities, SonarCloud checks for passwords in our code, we had a password for the unit test mock user and for our mock auth0 signup where we tested some things.

After that we our result looked like this:



After Changes

As you can see there are still a bit of code smell, but the most of it is because of auto generated files, which are empty or because there are still some comments in our code.



Code Smell Example

[2]Here is the sonarqube-site. Sadly it can only show one metric and at the moment there are no more tool for angular to show more metrics. We discussed this with our client and there is nothing we can do about it.

Thats it from us for this week. We are close to wrapping it up here so there are not a lot of blogposts left. We hope you enjoyed it this far :)

1. <https://github.com/KeepThings/KeepThingsWeb/commit/b3903285cba144025c12f0f0d39598636b022be0>
2. https://sonarcloud.io/dashboard?id=KeepThings_KeepThingsWeb

EventLAB Team (2019-05-28 08:43:31)

Hey Keepthings team, thank you for the update on the metrics. That the code analysis is triggered automatically is very good, perhaps you figure out how to register the code coverage, too. But to this point, the metric environment is looking very good. Keep us inform about any news concerning the coverage and the whole project. Kind regards, EventLAB

NILS@KEEPTHINGS (2019-05-29 08:55:36)

Hi, Thank you for your positive feedback, we put a lot of effort into this one so we appreciate it. Nils

Team DigiWill (2019-05-28 08:52:42)

Hi guys, first of all nice work. It is really cool to see sonarcloud in action. As far as I can tell from the screenshots you did a good job eliminating some of the code smells. For test coverage I have this link (<https://www.sonarcloud.io/documentation-/analysis/coverage/>) which maybe could help you setting things up. If you still struggle with it I could also ask around in our team how we managed to set up test coverage in sonar cloud. Regards, Morten Harter DigiWill

NILS@KEEPTHINGS (2019-05-29 08:54:43)

Hi, thank you for the information about the coverage part. I will look into it and see if I can implement it correctly. Should I have problems I will make sure to reach out to you! Nils

jonasseydel (2019-05-29 11:02:29)

Hi, good job on setting up a metrics tool and auto-deployment for your frontend repository. You should consider setting those things up for your other repos (especially your api) as well. Your Jonas from turnie.re

Malaber (2019-05-29 11:25:18)

Also, as Jonas forgot to mention, you need to talk about Metrics and not only Code Smells, so you might want to look into Cyclomatic Complexity or something like that for your Application. Daniel - turnie.re

Final Summary – KeepThings (2019-06-23 02:21:36)

[...] See this Blogpost [...]

2.3 June

S2 W9: TechStack and CI/CD (2019-06-10 18:43)

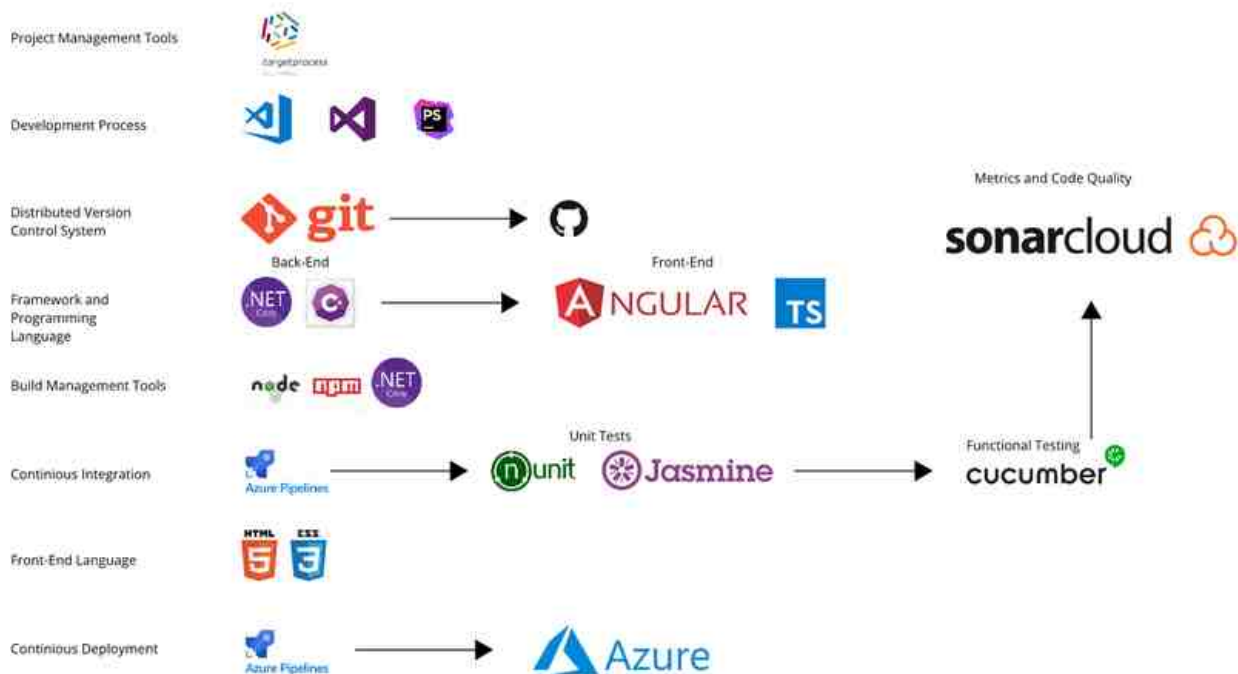
Hello everyone,

in this post we want to show you guys all the technologies we use and how we implementet Continues Integration and Continiues Deployment.

Tech Stack

Here you can see our Tech Stack which includes every tool used in this project.

[1]

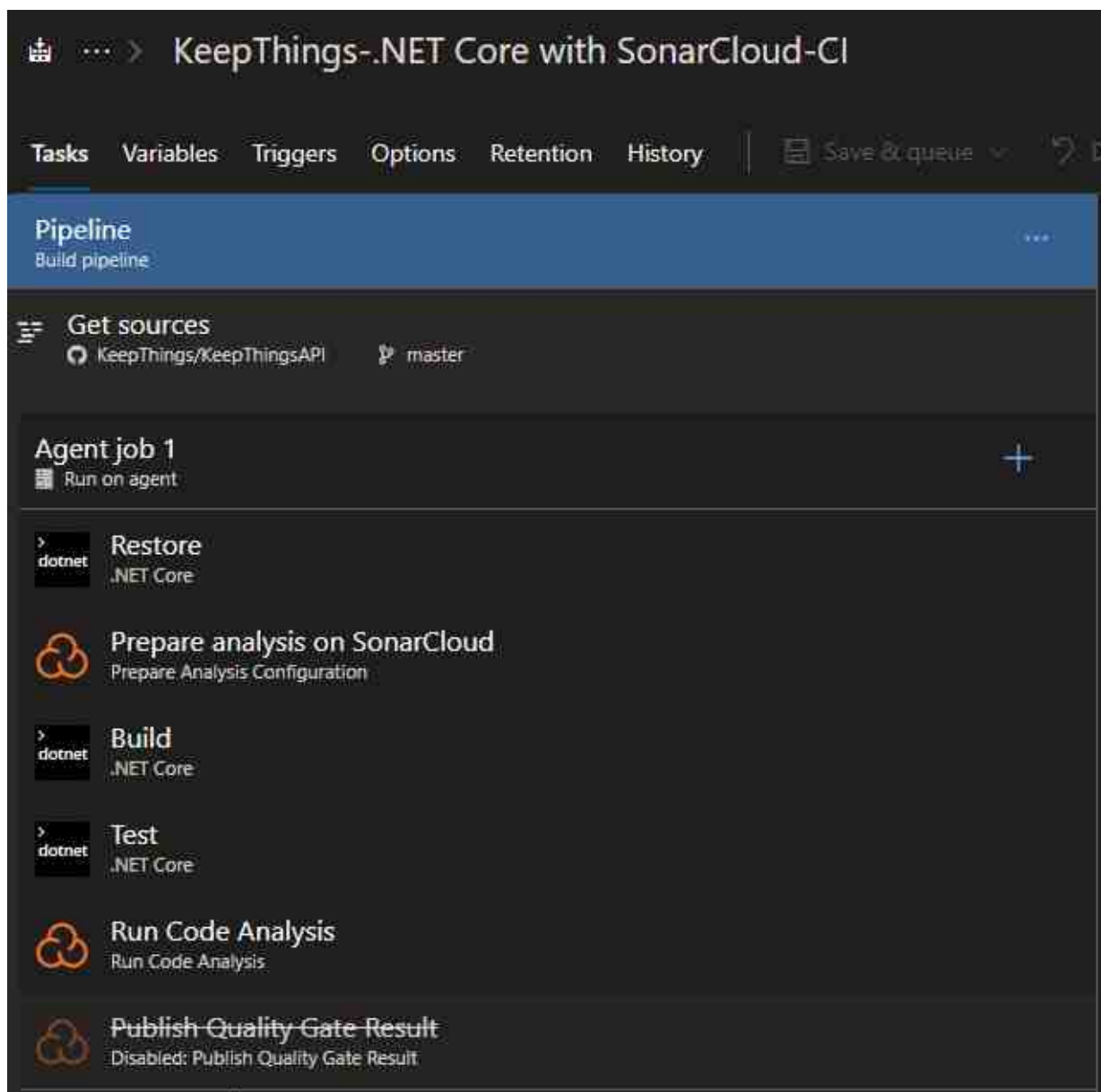


CI/CD Pipelines

Our pipelines are realized in Azure Devops. This works well with our GitHub repository.

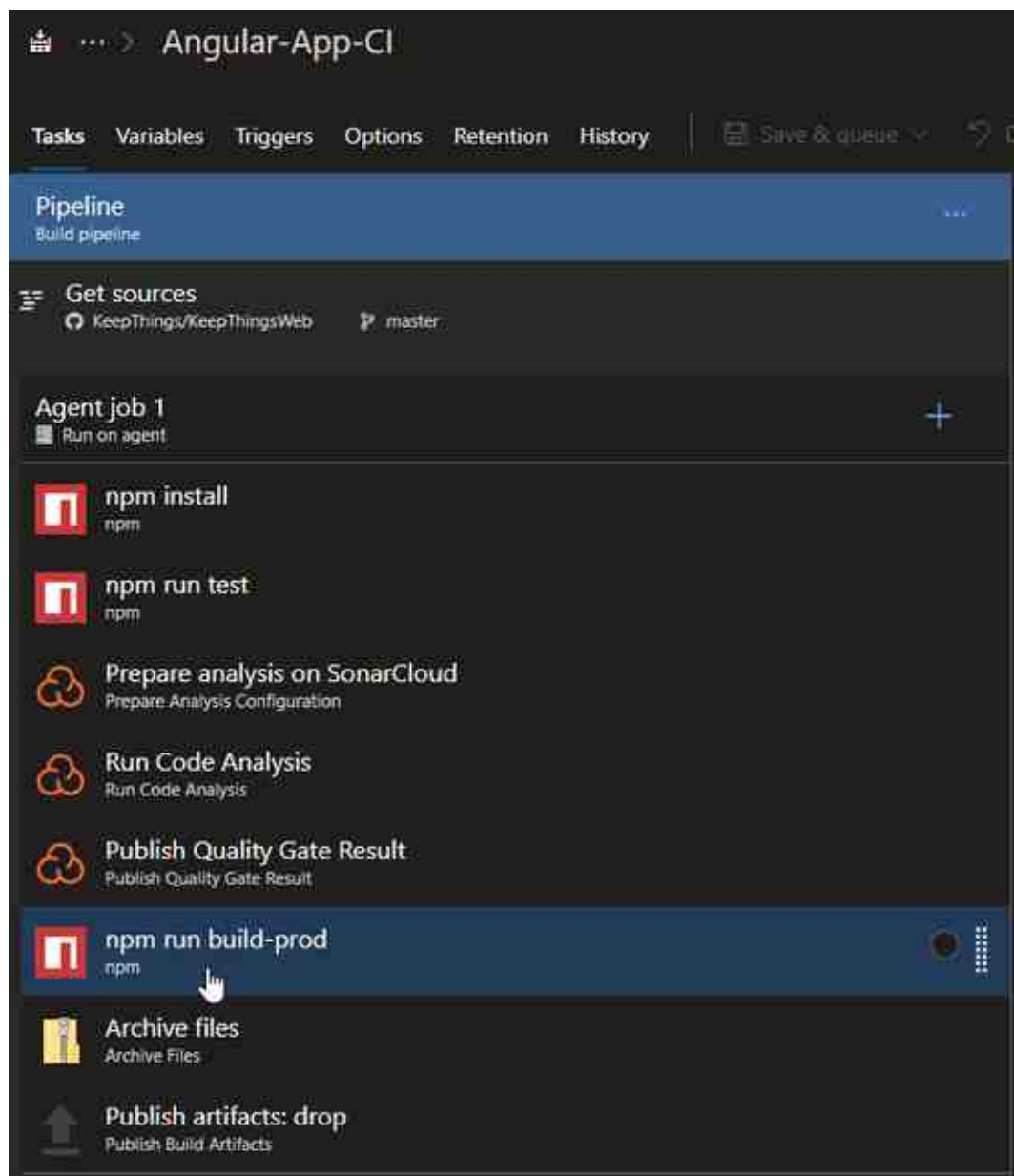
The CI pipeline for api:

[2]



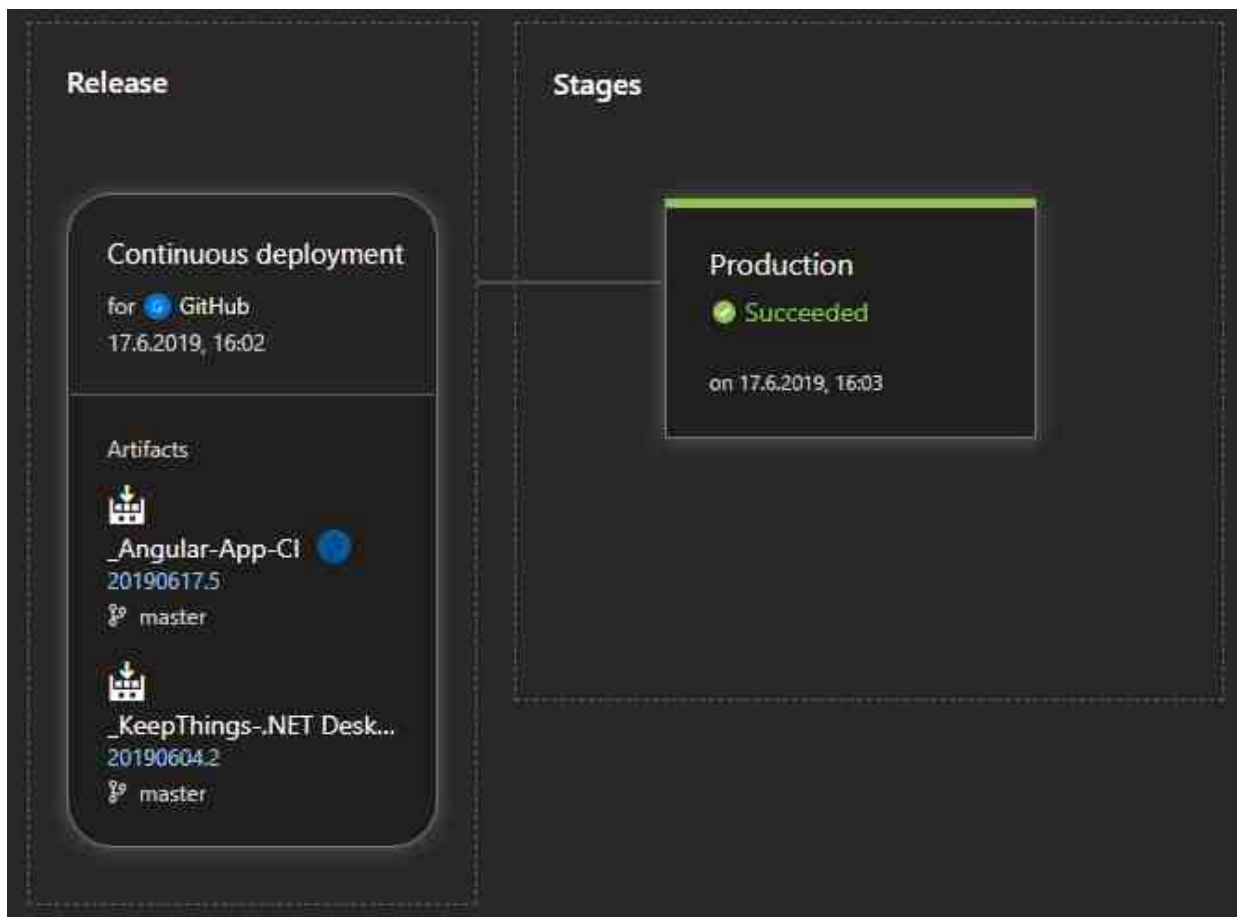
The CI pipeline for the web-application:

[3]



The CD pipeline:

[4]



The moment we push changes of the code on GitHub the CI, and after that the CD pipeline is automatically triggered. This means the changed code is deployed without the coder doing anything else than pushing his changes to GitHub.

1. <https://github.com/KeepThings/KeepThingsWeb/blob/master/resources/SoftwareArchitectureDocument/TechStack.svg>
2. <https://github.com/KeepThings/KeepThingsWeb/blob/master/resources/APICIPipeline.png>
3. <https://github.com/KeepThings/KeepThingsWeb/blob/master/resources/AngularCIPipeline.png>
4. <https://github.com/KeepThings/KeepThingsWeb/blob/master/resources/SoftwareArchitectureDocument/ReleasePipeline.png>

Final Summary – KeepThings (2019-06-23 02:21:41)

[...] those two pipelines you can clearly see that there are steps for automatic testing. Also see this blogpost explaining our pipelines. For more Test-related screenshots check out „test logs“ [...]

S2 W10: Installation (2019-06-12 01:26)

Hello there,

today we would like to give you a guide on how to install our webapplication.

1. Create a Azure Account

First go to [1]Azure Website and create an account (sign in if you already have one). No worries, the first month of Azure is free.

2. Download Template and Create All Resources

1. Download all files from [2]this folder
2. Go to [3]Azure Resource Creation
3. Press "edit Template", then "Load file"
4. Select the template.json from " ExportedTemplate-KeepThingsWeb.zip"
5. Create the new Resource Group
6. Agree to the terms and conditions
7. Finish by pressing "Purchase"

Do the same for the template.json in "ExportedTemplate-myRessourceGroup.zip".

3. Setup the webapp and the api

Go to the[4] api Config Page, delete the existing file and then drag and drop the „ApiPublish.zip“ you downloaded.

Go to the [5]webapp Config Page, delete the existing file and then drag and drop the „WebAppPublish.zip“ you downloaded.

4. Deploy Database

In Visual Studio, open the SQL Viewer and add a new server. Select „KeepThingsAPI_db“ from Azure and enter your Azure Credentials + DB Credentials („KeepThingsAdmin“ for user name, „KeepThings1337“ for password). Rightclick the „ KeepThingsAPI_db “-Database and select „Publish Data-tier Application“ and select the „ KeepThingsDB.dacpac “ you downloaded.

Now you should be able to visit and use the [6]website.

If you had any problems you can always ask them in the comments and we try to help you.

5. Regarding the Android App

As you may have seen, we didn't deliver any news on the Android App for some weeks. This has to do with one of our team members leaving our team. This member was the main developer of the Android app. Due to him leaving we decided to stop further developing the Android app and will not update any documents regarding the Android App.

1. <https://azure.microsoft.com/de-de/>
2. <https://github.com/KeepThings/KeepThingsWeb/tree/master/KeepThingsInstallation>
3. <https://portal.azure.com/#create/Microsoft.Template>
4. <https://keepthingsapiinstallation.scm.azurewebsites.net/ZipDeployUI>

5. <https://keepthingswebinstallation.scm.azurewebsites.net/ZipDeployUI>
6. <https://keepthingswebinstallation.azurewebsites.net/login>

KeepTrack (2019-06-12 08:58:23)

Hey guys, thanks for providing this very comfortable way of deploying your application. In step 2 I'm getting the following error: Bereitstellungsvorlagenvalidierung ist fehlgeschlagen: "Vorlagenparameter "serverfarms _goebl.lukas _asp _Windows _centralus _0 _name" wurde nicht gefunden. Weitere Informationen zur Verwendung finden Sie unter <https://aka.ms/arm-template/#parameters>". (Code: InvalidTemplate) Rouven@KeepTrack

Lukas@KeepThings (2019-06-12 09:05:54)

Hey Rouven waz up, I am very sorry to hear that... Completely removing "goebl.lukas _" from the template.json should do the job! Just edit the used template and search and replace "goebl.lukas _" If there are still problems contact me! Lukas@KeepThings

KeepTrack (2019-06-12 09:18:26)

Ah, thanks a lot! Now everything is working perfectly fine, no further problems. It just took me a few minutes to install your whole application, very good work! Keep it up! Rouven@KeepTrack

Final Summary – KeepThings (2019-06-23 02:21:33)
[...] Installation [...]

Final Summary (2019-06-23 02:20)

Now this will be our last blogpost for this project. It will summarize everthing we did in this project and contains all important documents and links. Because we stoped futher developing our Mobile Application we didn't further updated its documents. Also, we only linked the documents important for the web-Application.

Blog Download

- Blogs PDF

UseCases

- [1]webMarketplace

- [2]webMessage
- [3]webNewRequest
- [4]webNewUserItem
- [5]webRegistration
- [6]webUserItems
- [7]webUserSettings
- [8]webLogin

Software Requirement

- [9]SRS
- [10]Testplan

Test Cases

- [11]*Login App*
- [12]*Add Entry App*

Test Log

- [13]KeepThingsAPI UnitTests
- [14]KeepThingsWeb UnitTest

- [15]KeepThingsWeb Testcoverage

Tests

- [16]Funktionale Tests
- Unit Tests [17]Web and [18]Api
- [19]User Interface Test

Also see this [20]Sonarcloud-site

Project Management

Tool

- [21]Targetprocess

Views

- [22]RUB Board
- [23]Hours spent by person
- [24]Scrum

- [25]Time spent per UC

FP Calculation/Long Term estimation

- [26]FP Calculation/Long Term estimation

Burndown

- [27] #11 S2W4
- [28] #12 S2W5

Ability to Execute

Demo

- [29]small demo from final presentation

Code

- [30]Web Repo
- [31]Api Repo
- [32]Installation

Quality

Software Architecture Document

- [33]SAD

Configuration Management/ Environmental Setup

Metrics

[34]See this Blogpost

Note: Sadly Sonarcloud can only show one metric and at the moment there are no more tool for angular to show more metrics. We discussed this with our client and there is nothing we can do about it.

Risk Management

- [35]Risks

Automated Testing

- [36]Angular Pipeline
- [37]Api Pipeline

In those two pipelines you can clearly see that there are steps for automatic testing. Also see [38]this blogpost explaining our pipelines. For more Test-related screenshots check out „test logs“ above.

Automatic Deploy

- [39]CD Pipeline

Patterns

- [40]Patterns

Blogposts

- [41]*Week 1: Blog and Vision*

- [42]Week 2: Team roles and technology
- [43]Week 3: SRS and UCD
- [44]Week 4: UC + Prototype
- [45]Week 5: Gherkin feature files
- [46]Week 6: Class Diagram / DB Schema
- [47]Week 7: Scrum and Targetprocess
- [48]Week 8: GC Retro
- [49]Week 9: MVC Tool
- [50]Week 10: Cucumber Running
- [51]Week 11: Midterm Summary
- [52]S2 W1: Confirmation of Scope
- [53]S2 W2: Risk Plan/hours spent/new UC
- [54]S2 W3: Function Points
- [55]S2 W4: Unit Testing
- [56]S2 W5: Refactoring
- [57]S2 W6 Retrospective 2
- [58]S2 W7: Design Patterns
- [59]User Interface Test
- [60]S2 W8: Metrics
- [61]S2 W9: TechStack and CI/CD
- [62]S2 W10: Installation

Presentations

- [63]Final Presentation
- [64]Week 11: Midterm Summary

1. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/webMarketplace/webMarketplaceUCS.md>
2. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/webMessages/webMessagesUCS.md>
3. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/webNewRequest/webNewRequestUCS.md>
4. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/webNewUserItem/webNewUserItemUCS.md>
5. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/webRegistration/webRegistrationUCS.md>
6. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/webUserItems/webUserItemsUCS.md>
7. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/webUserSettings/webUserSettingsUCS.md>
8. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/UseCases/webLogin/webLoginUCS.md>
9. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/SoftwareRequirementSpecifications.md>
10. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/TestPlan.md>
11. <https://github.com/KeepThings/KeepThingsApp/blob/featureTest/app/src/androidTest/assets/Login.feature>
12. <https://github.com/KeepThings/KeepThingsApp/blob/featureTest/app/src/androidTest/assets/addEntry.feature>
13. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/APITestLog23062019.txt>
14. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/AngularUnitTestLog.png>
15. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/KeepThingsWebTestCoverage.png>
16. <https://keepthingsnlb.wordpress.com/2018/12/13/week-10-cucumber-running/>
17. <https://keepthingsnlb.wordpress.com/2019/05/03/s2-w4-unit-testing/>
18. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/KeepThingsAPIUnitTests.png>
19. <https://keepthingsnlb.wordpress.com/2019/05/23/user-interface-test/>
20. https://sonarcloud.io/dashboard?id=KeepThings_KeepThingsWeb
21. <https://dhwse.tpondemand.com/RestUI/Board.aspx?page=dashboard/5399294690162178348&appConfig=eyJhY2lkIjoiaWZQ3QzU10TM2Nz1EMTcwOUM2RTY1NEJDRjQ0RDk4RjQifQ==>
22. <https://tauboard.com/v/b5738a2d0edf0dce50c14b0da929d82f>
23. <https://dhwse.tpondemand.com/vizydrop/shared/drop/5c1038c9270ad70015c28c41?authkey=301f19c05e9af7a06bc8>
24. <https://tauboard.com/v/2b6a2a376ff25f988e69e0cfb5a81ff0>
25. <https://dhwse.tpondemand.com/vizydrop/shared/drop/5cb32c79bd7d3e0014ed6e7e?authkey=c166a4e691cf516950a1>
26. <https://keepthingsnlb.wordpress.com/2019/04/24/s2-w3-fp/>
27. https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/Burndown_1.png
28. https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/Burndown_2.png
29. <https://youtu.be/gPPV4UV8L6Y>
30. <https://github.com/KeepThings/KeepThingsWeb>
31. <https://github.com/KeepThings/KeepThingsAPI>
32. <https://keepthingsnlb.wordpress.com/2019/06/12/s2-w10-installation/>
33. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/SoftwareArchitectureDocument/SoftwareArchitectureDocument.md>
34. <https://keepthingsnlb.wordpress.com/2019/05/27/s2-w8-metrics/>
35. <https://docs.google.com/spreadsheets/d/1T0--0f2wG8UPpRi9SmLw5gx-M1fBkvnnIHfL60SRZoU/edit?usp=sharing>
36. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/AngularCIPipeline.png>
37. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/APICIPipeline.png>
38. <https://keepthingsnlb.wordpress.com/2019/06/10/s2-w9-techstack-and-ci-cd/>
39. <https://github.com/KeepThings/KeepThingsWeb/blob/master/recources/SoftwareArchitectureDocument/ReleasePipe>

line.png

40. <https://keepthingsnlb.wordpress.com/2019/05/22/s2-w7-design-patterns/>
 41. <https://keepthingsnlb.wordpress.com/2018/10/12/week-1/>
 42. <https://keepthingsnlb.wordpress.com/2018/10/15/week-2-team-roles-and-technology/>
 43. <https://keepthingsnlb.wordpress.com/2018/10/21/week-3-srs-and-ucd/>
 44. <https://keepthingsnlb.wordpress.com/2018/10/23/week-3-uc-prototype/>
 45. <https://keepthingsnlb.wordpress.com/2018/10/28/week-5-gherkin-feature-files/>
 46. <https://keepthingsnlb.wordpress.com/2018/11/12/week-6-class-diagram-db-schema/>
 47. <https://keepthingsnlb.wordpress.com/2018/11/18/week-7-scrum-and-targetprocess/>
 48. https://keepthingsnlb.wordpress.com/2018/11/25/week-8-gc_retro/
 49. <https://keepthingsnlb.wordpress.com/2018/12/03/week-9-mvc-tool/>
 50. <https://keepthingsnlb.wordpress.com/2018/12/13/week-10-cucumber-running/>
 51. <https://keepthingsnlb.wordpress.com/2018/12/23/week-11-midterm-summary/>
 52. <https://keepthingsnlb.wordpress.com/2019/04/07/s2-w1-confirmation-of-scope/>
 53. <https://keepthingsnlb.wordpress.com/2019/04/15/s2-w2-risk-plan-hours-spent-new-uc/>
 54. <https://keepthingsnlb.wordpress.com/2019/04/24/s2-w3-fp/>
 55. <https://keepthingsnlb.wordpress.com/2019/05/03/s2-w4-unit-testing/>
 56. <https://keepthingsnlb.wordpress.com/2019/05/06/s2-w5-refactoring/>
 57. <https://keepthingsnlb.wordpress.com/2019/05/08/s2-w6-retrospective-2/>
 58. <https://keepthingsnlb.wordpress.com/2019/05/22/s2-w7-design-patterns/>
 59. <https://keepthingsnlb.wordpress.com/2019/05/23/user-interface-test/>
 60. <https://keepthingsnlb.wordpress.com/2019/05/27/s2-w8-metrics/>
 61. <https://keepthingsnlb.wordpress.com/2019/06/10/s2-w9-techstack-and-ci-cd/>
 62. <https://keepthingsnlb.wordpress.com/2019/06/12/s2-w10-installation/>
 63. https://docs.google.com/presentation/d/1kjKsOKWnbVjorajv0hnNFgx1Dz6z6VFwrT_iQEIASus/edit?usp=sharing
 64. <https://keepthingsnlb.wordpress.com/2018/12/23/week-11-midterm-summary/>
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BlogBook v1.1,
 \LaTeX 2 ϵ & GNU/Linux.
<https://www.blogbooker.com>

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