Tower Defense

The Next Generation



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Project Overview





The Project Vision

Define Analyse Implement Review Publish Maintain



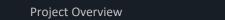
- self-developed engine
- Multiple difficulties
- customized
 - designs
 - effects
 - music



- RUP terminology used
- PM using Scrum and Jira
- technology according to current standards

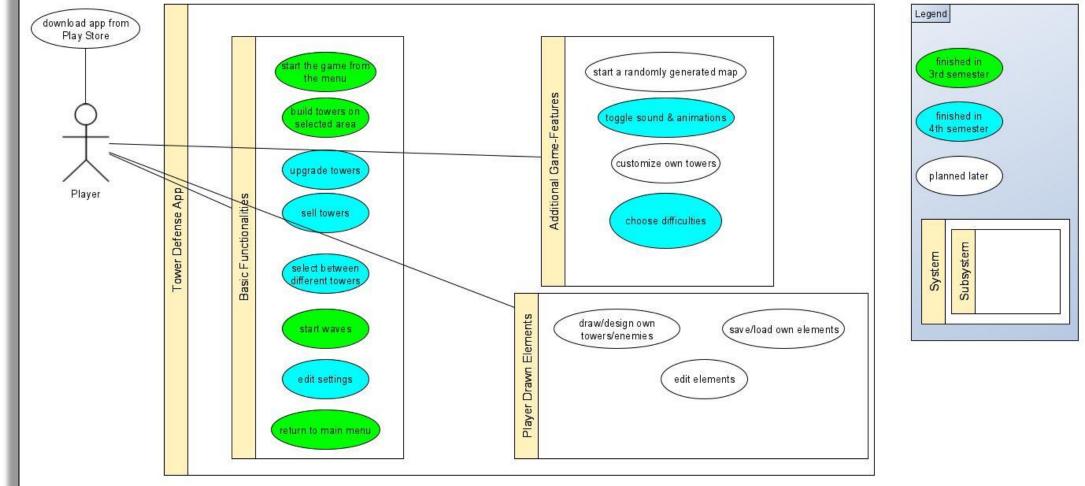


- unique game-concept
- creation of a community
- potential for high user amount after months





1

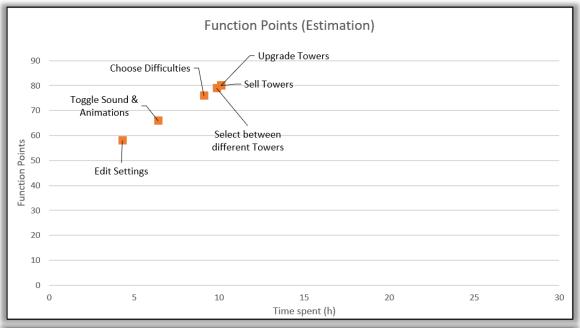


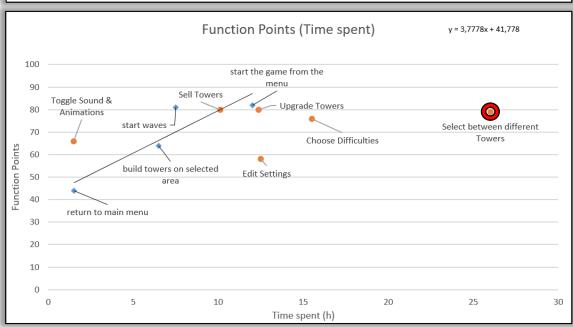
Use Case

Diagram



Estimation





Scrumming on Jira



PLAN, TRACK, REPORT

Jira is one of the most often used tool for agile project-management purposes. Due to its simple way of planning, tracking and reporting, Jira provides a great scope of functions.



ITERATIVE PROCESS

Especially, external conditions in the development-environment can change very quickly. Therefore, working iteratively is one of the most important aspects while developing.



TIME-TRACKING

In times of efficiency, there is a need of timetracking in order to optimize several processes.



CUSTOMIZATION

Jira supports more than 3000 additional plugins to adapt to specific needs. On top, this provides the ability to live Scrum after own adjustments.



Project Overview









Architecture









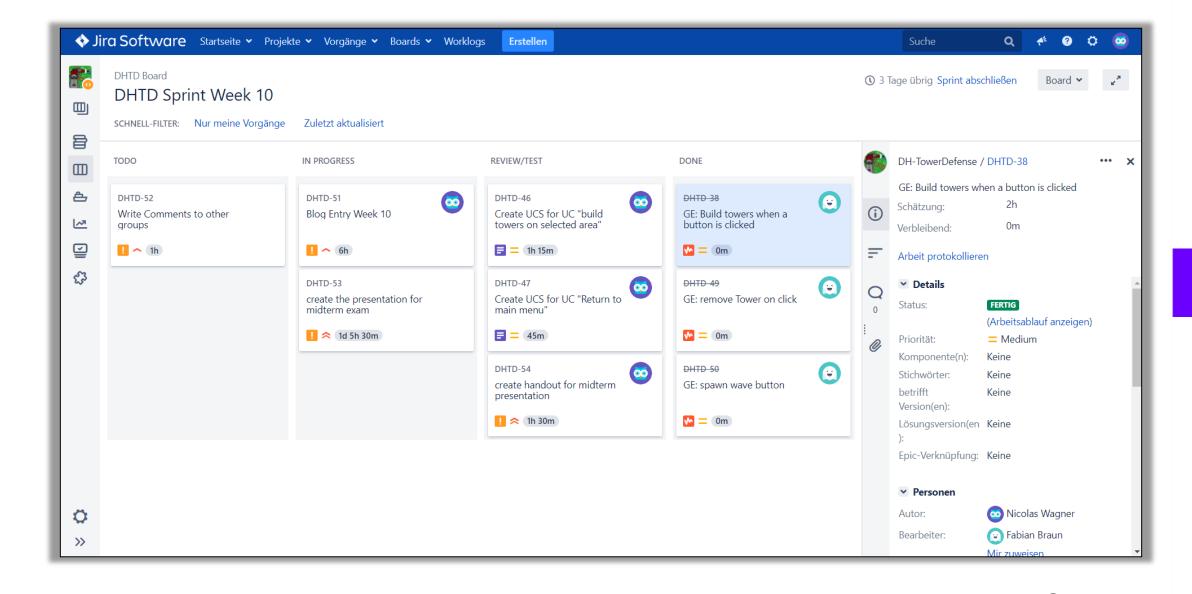








Jira



Fabian Braun

Scrum Master

- Software Architect
- Implementer (Game Engine)

With a lot of experience in developing several applications, Fabian knows which aspects are the most important ones to focus on.

Luca Rutschmann **Implementer** (Game Engine) Tester/Reviewer Testing developed code is an activity that Luca loves to do in every project.

Nicolas Wagner Project Manager Implementer (Surface/Overlay) Good project-management can improve its success by a lot. Nicolas considers PM as the most significant task in a project.

End



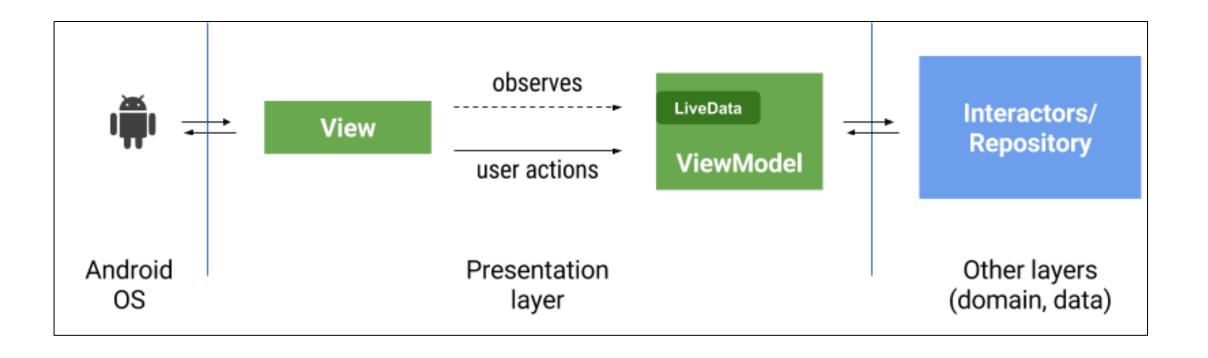


Architecture

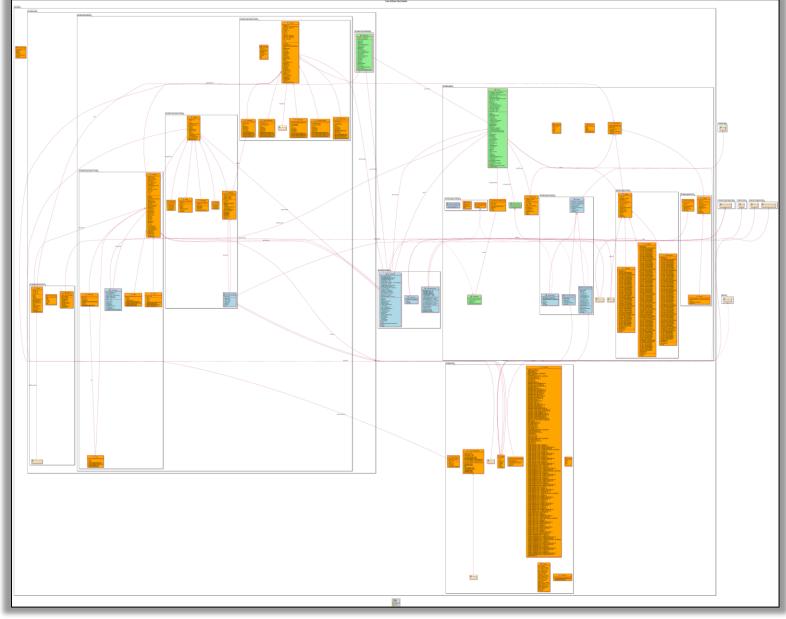


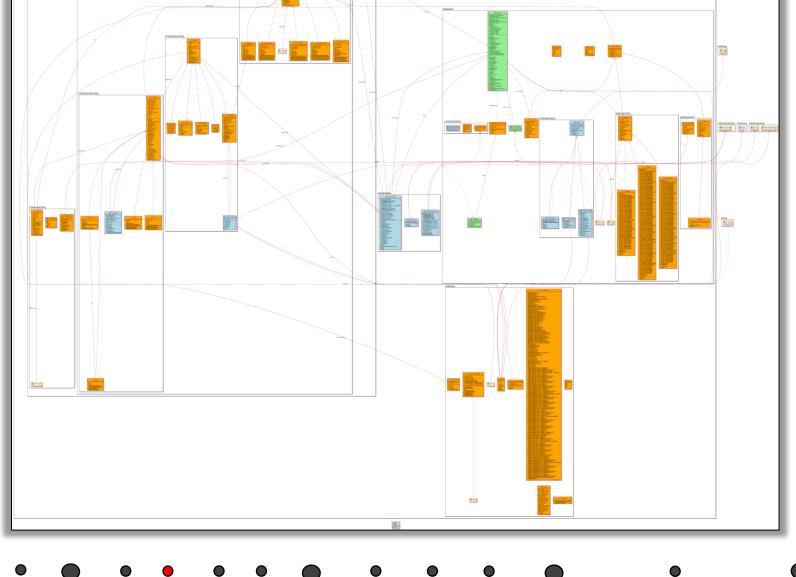


Android MVC



Project MVC



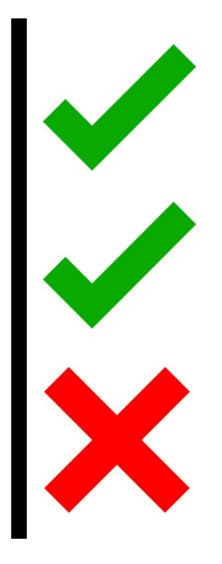




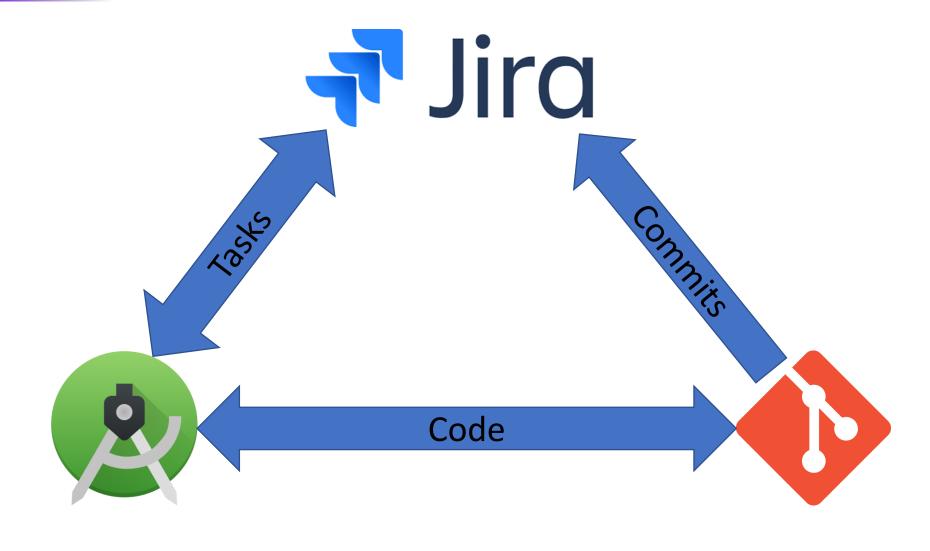
Factory

Abstract Factory

Object Pool



Automation



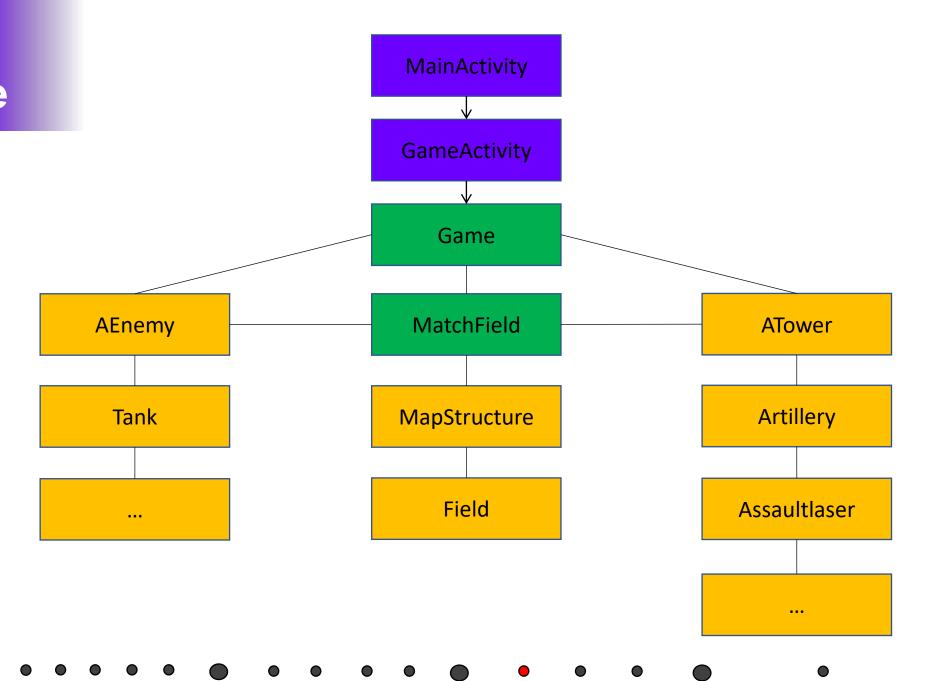


Development





Game Engine





Testing

- **UI** testing with *Cucumber*
 - Feature Files executed with Espresso & GreenCoffee







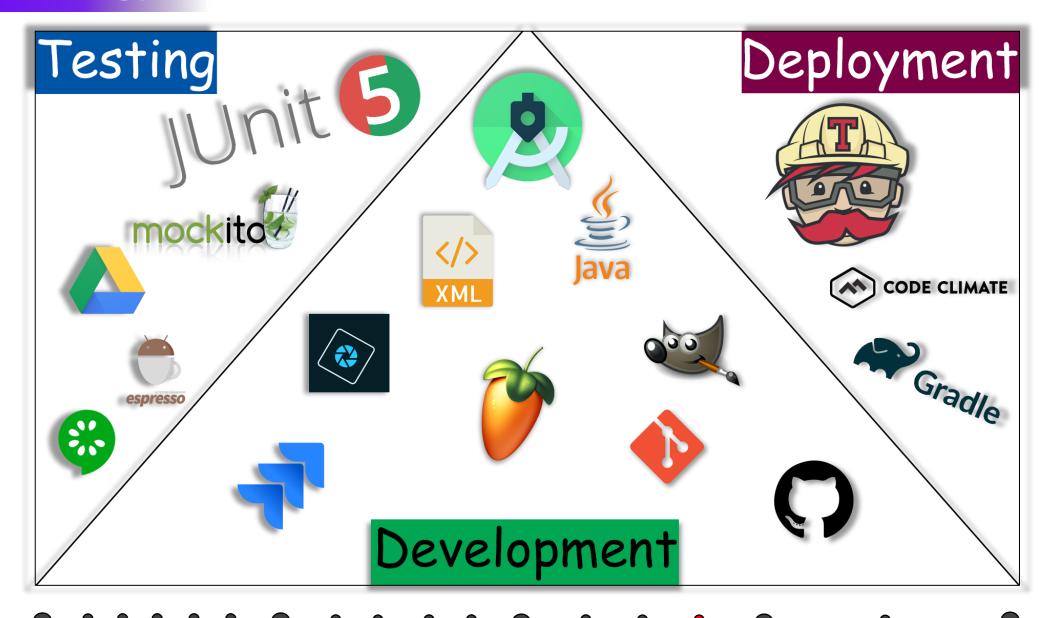
- testing of calculations, operations and more

- **UX** testing with external testers





Technology

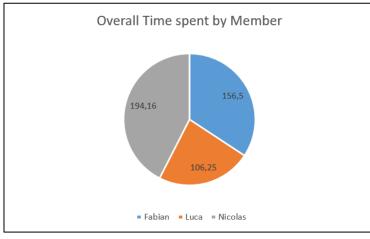


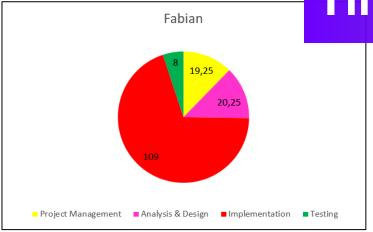


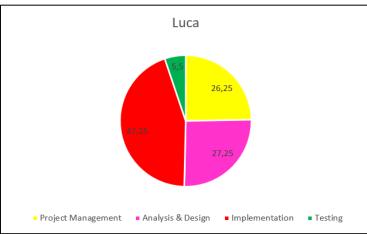


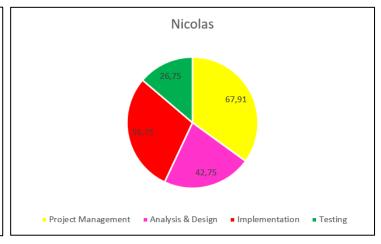
Time Sheet

Demo

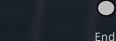




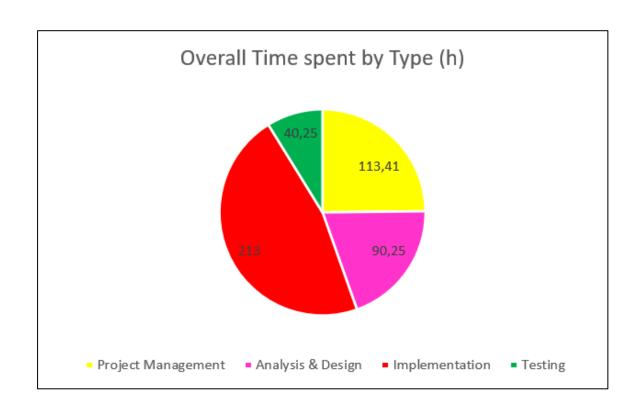




The numbers and data of the charts are automatically tracked by Jira which enables a detailed evaluation of the work done so far.



Time Sheet



The numbers and data of the charts are automatically tracked by Jira which enables a detailed evaluation of the work done so far.

End

THANK YOU

If You would like to create and work with us, please contact us using the mail addresses below.



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