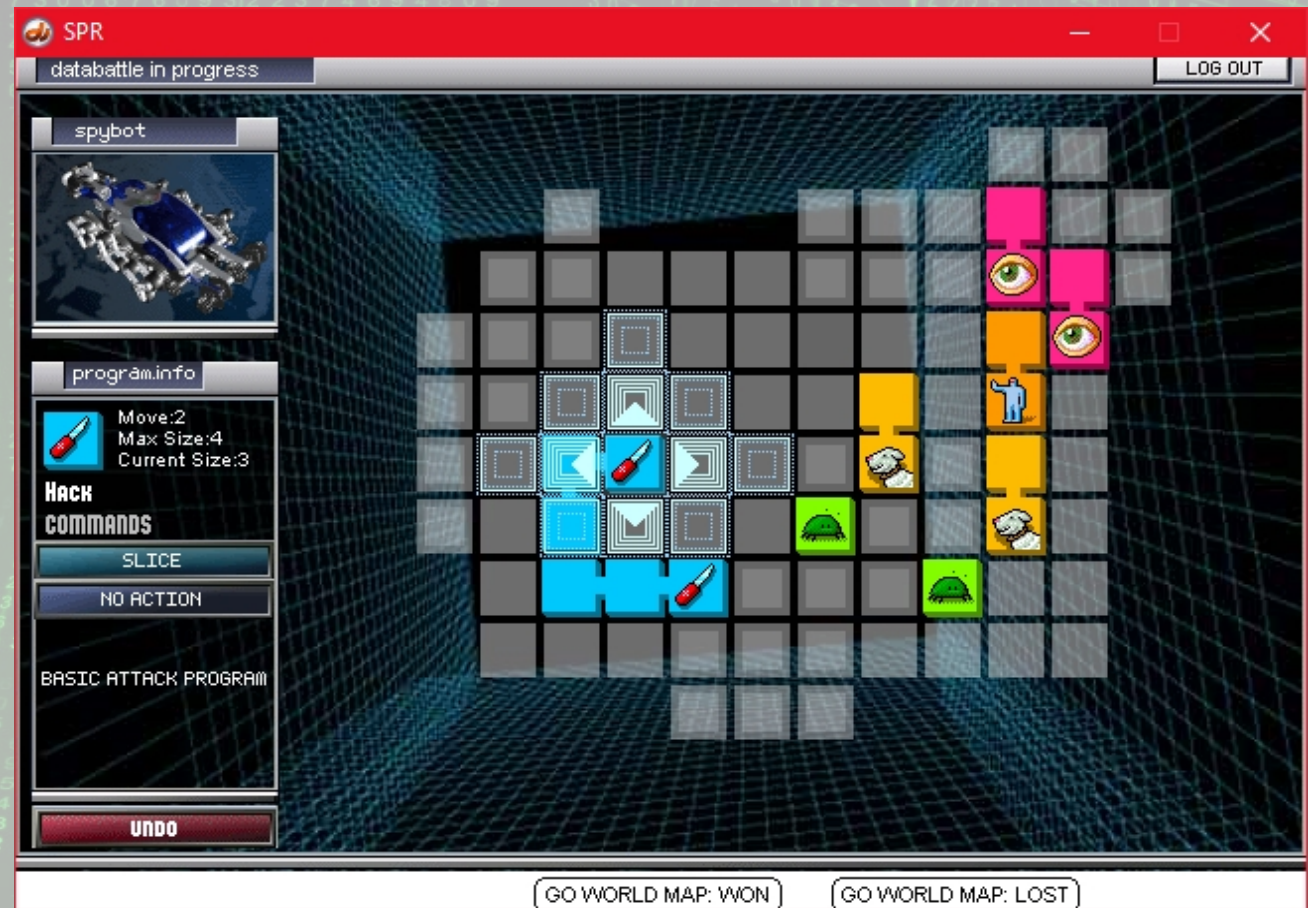




Spybot - Reloaded

Spybot: The Vision

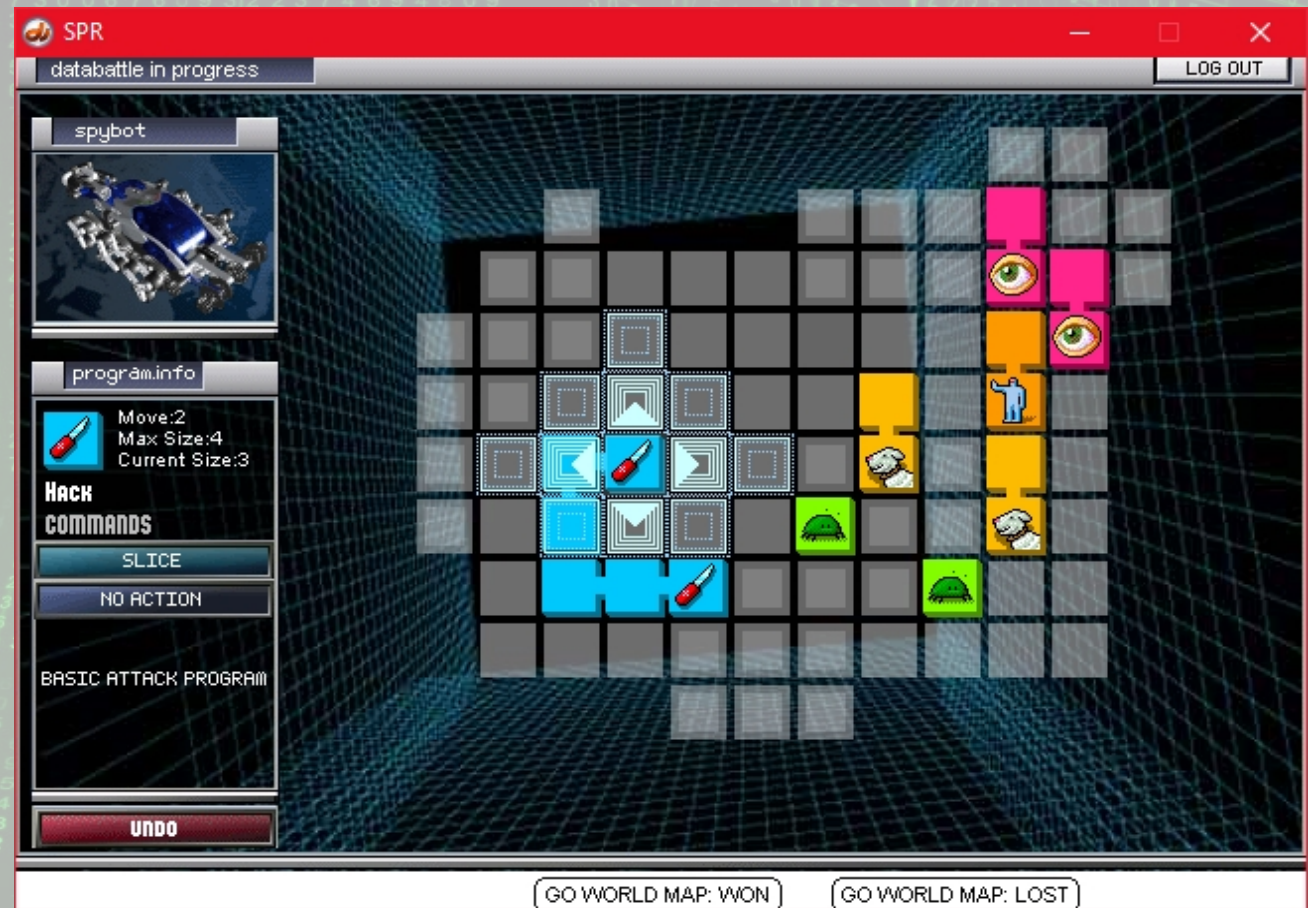
- Remake of Spybot - The nightfall incident
- Turn based strategy game
- Own version with own theme and levels
- multiplayer mode



screenshot of historic version of the game

Spybot: The Game

- 2d grid
- each player has a set of pawns
- pawns can move horizontally and vertically
- pawns leave snake like tail while moving
- tail determines its health
- head of pawn can attack after moving
- goal is to kill all enemys or get an item



screenshot of historic version of the game

Used Technologies/Tools

Projekt Managment Tool:

YouTrack



Version Control System:

Git(Hub)



Programming Language:

Java



Integrated Development Environment:

IntelliJ IDEA

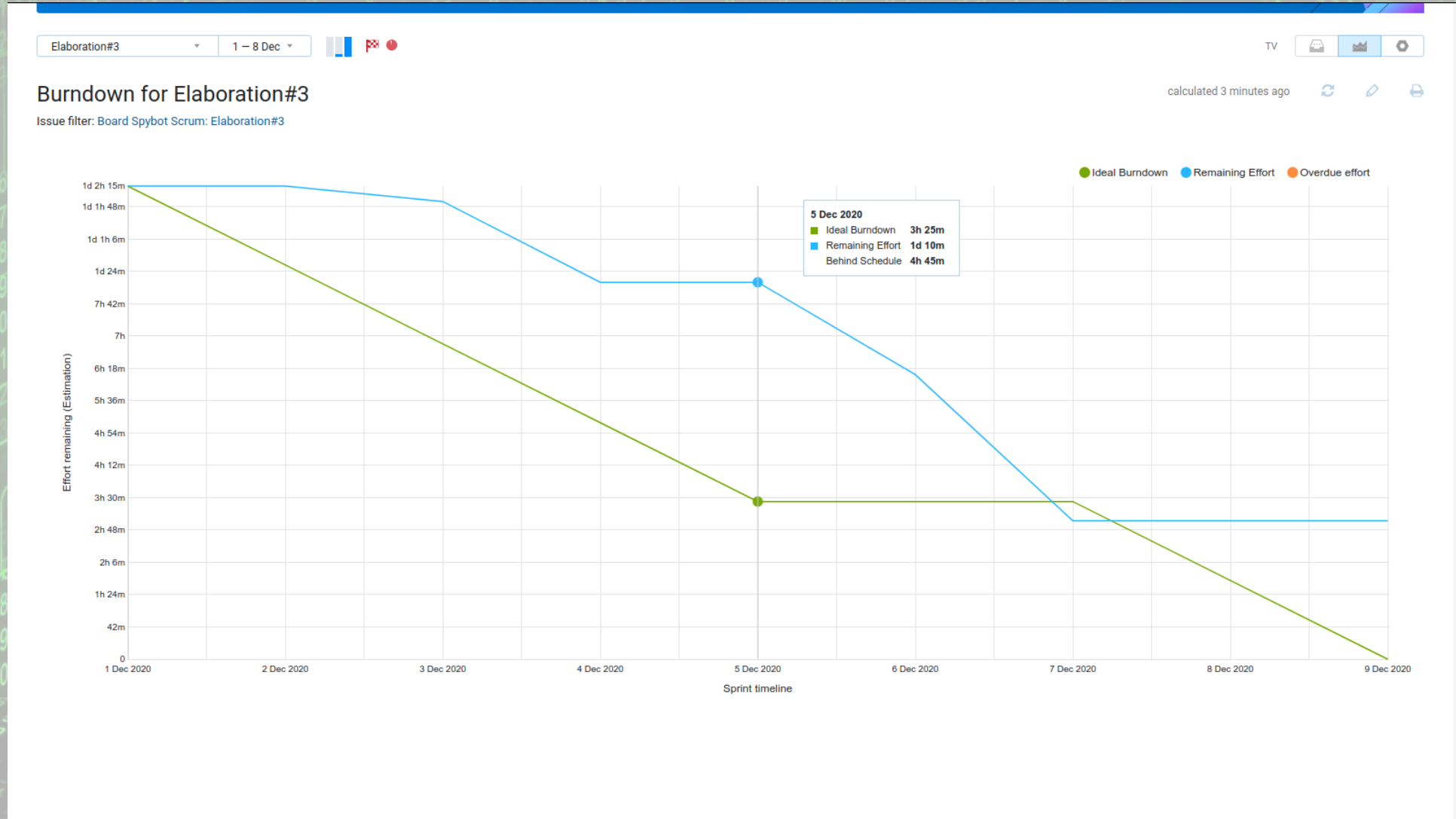


Diagramm Drawing Tool:

Draw.io (Nextcloud)



Scrum Board



GitHub

Version control system

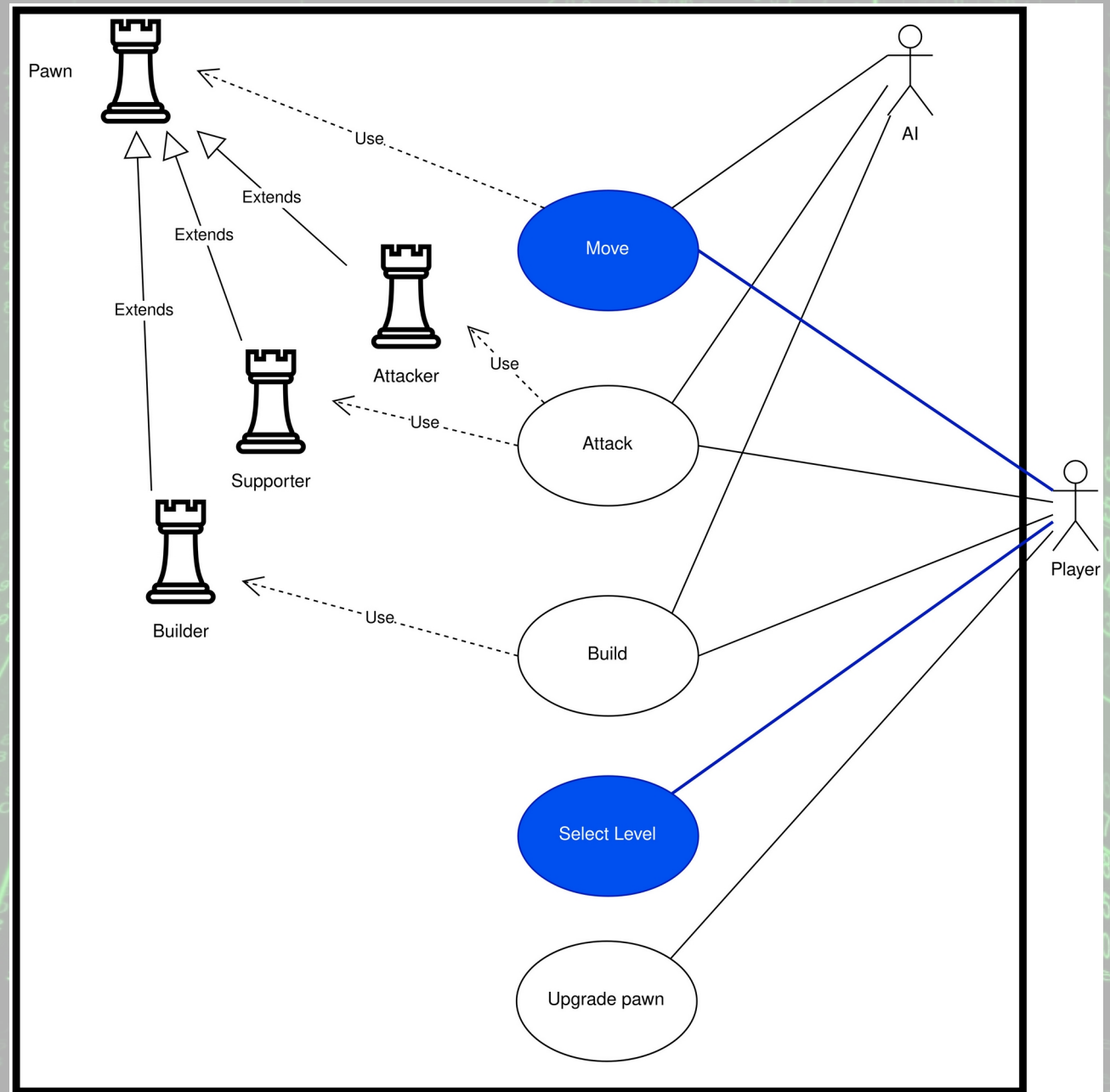
Easier working together on the same project

Different steps in development can be put together

Working Level import.	steiditi	05.12.20, 16:10
Board and Level overhaul #3.	steiditi	05.12.20, 15:44
Board and Level overhaul #2.	steiditi	05.12.20, 15:42
Merge remote-tracking branch 'origin/master'	steiditi	05.12.20, 15:37
Board and Level overhaul.	steiditi	05.12.20, 15:35
Merge pull request #2 from janick3110/Intellij_Cucumber	steiditi*	05.12.20, 13:07
Cleaned everything and added step definitions for the UC	janick3110	05.12.20, 12:51
Visualization of backend data	janick3110	05.12.20, 12:49
Merge branch 'master' of https://github.com Intellij_Cucumber	steiditi	04.12.20, 11:11
Test Cucumber Gherkin	ANSR	29.11.20, 16:44
Changed Map Design to byte array.	steiditi	29.11.20, 12:43
Utility class implemented to calculate fields in range	ANSR	19.11.20, 17:37
Bugfix: Graph inits width now with sizeX not sizeY	ANSR	19.11.20, 16:29
Visualization of backend data	janick3110	19.11.20, 16:09
Merge remote-tracking branch 'origin/master' into master	janick3110	19.11.20, 14:49
Class Diagramm files added	ANSR	19.11.20, 14:43
Merge remote-tracking branch 'origin/master' into master	janick3110	18.11.20, 11:05
first structure of object oriented game model	steiditi	15.11.20, 07:38
Merge remote-tracking branch 'origin/master' into master	janick3110	11.11.20, 10:30
AdjacencyList Attribute added to Board Graph will be created in cons	ANSR	08.11.20, 15:10
Default Changelist	janick3110	04.11.20, 11:58
AdjacencyList Model added	ANSR	01.11.20, 16:36
Feature Files updated	ANSR	31.10.20, 14:55
MainActivity simplified	ANSR	28.10.20, 15:56
Alternative version MainActivity (Maybe different branch)	ANSR	28.10.20, 14:11
Update Attack.feature	a-schmider*	01.11.20, 13:29

Use Cases

1. Move pawn
2. Pawn attacks
3. Build fields
4. Select level
5. Upgrade Pawn



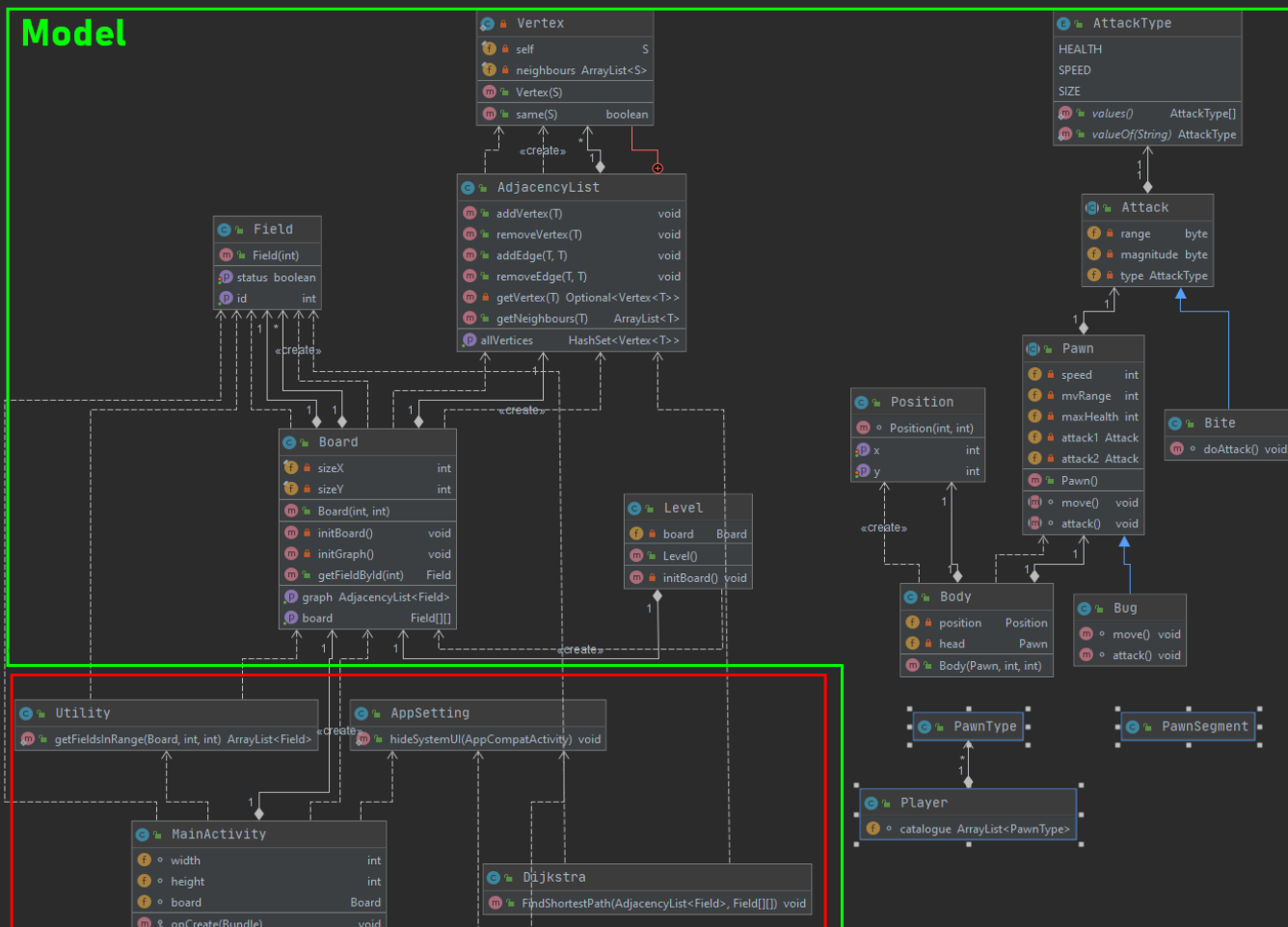


Spybot

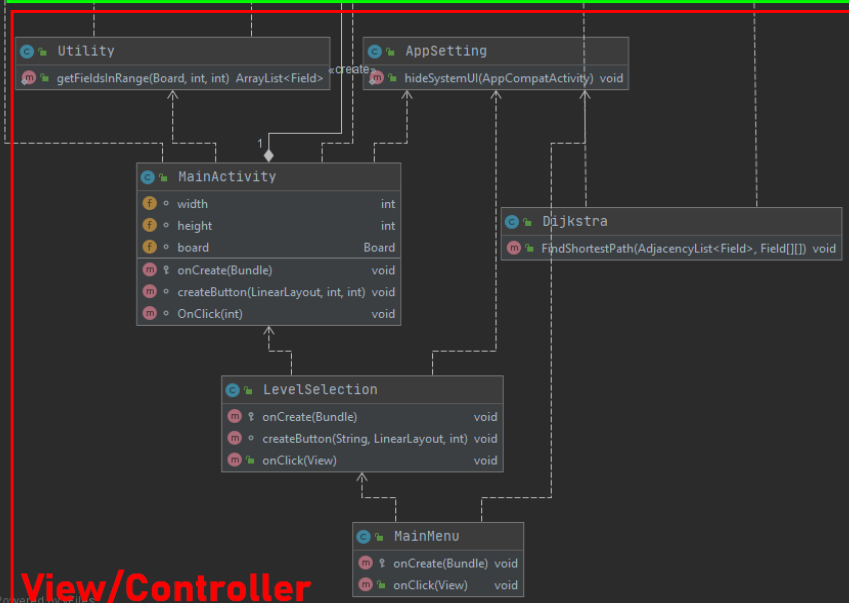
Demonstration

Class Diagram

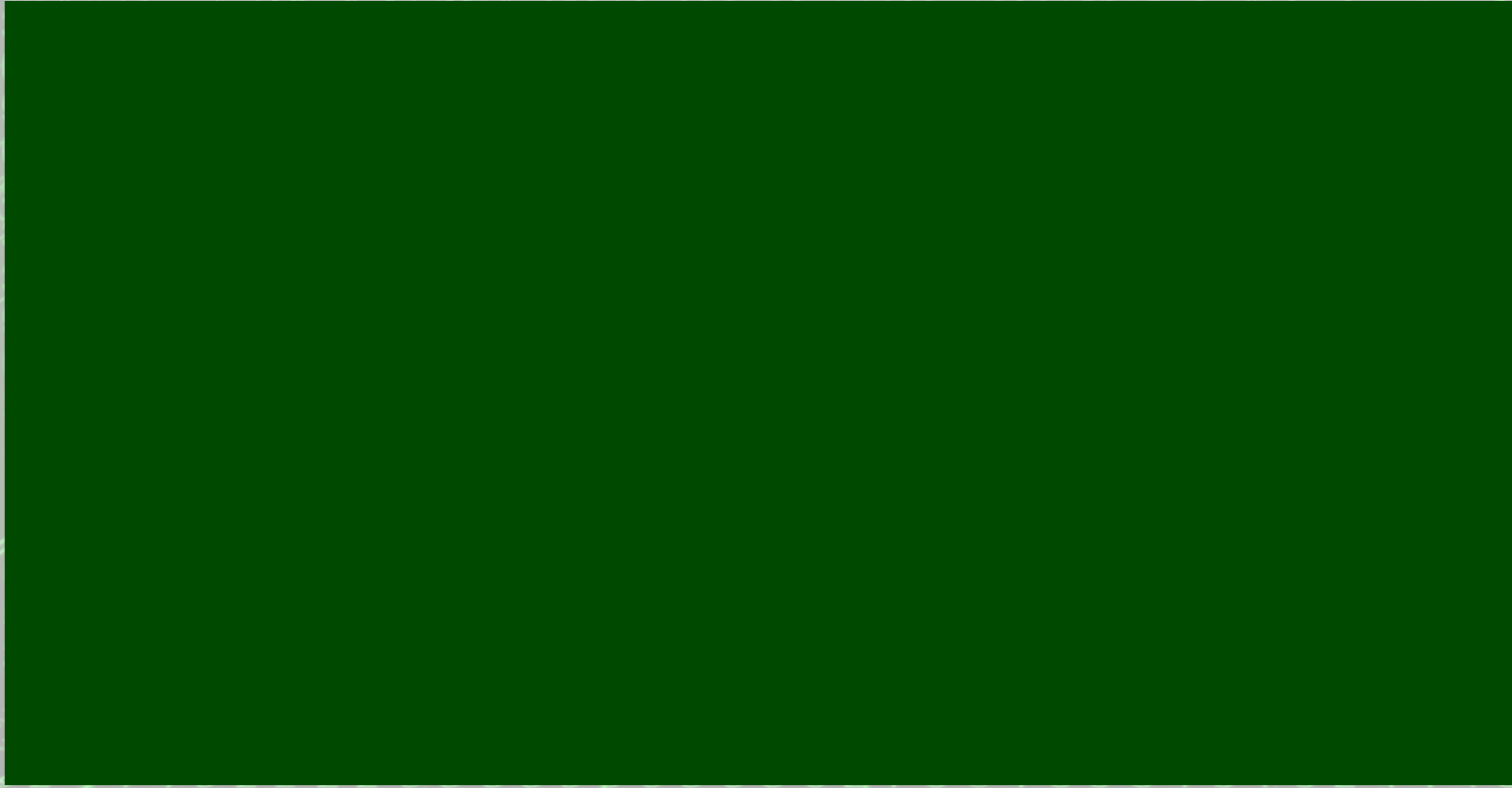
Model



View/Controller



Behavior Driven Development Testing (Cucumber)



Links

Wordpress: <https://spybotreloaded.wordpress.com/>

GitHub Code: <https://github.com/janick3110/Spybot>

GitHub Doc: <https://github.com/steiditi/Spybot-Reloaded-Doc>

YouTrack: <https://dhbw-karlsruhe.myjetbrains.com/youtrack/agiles/108-106/current>