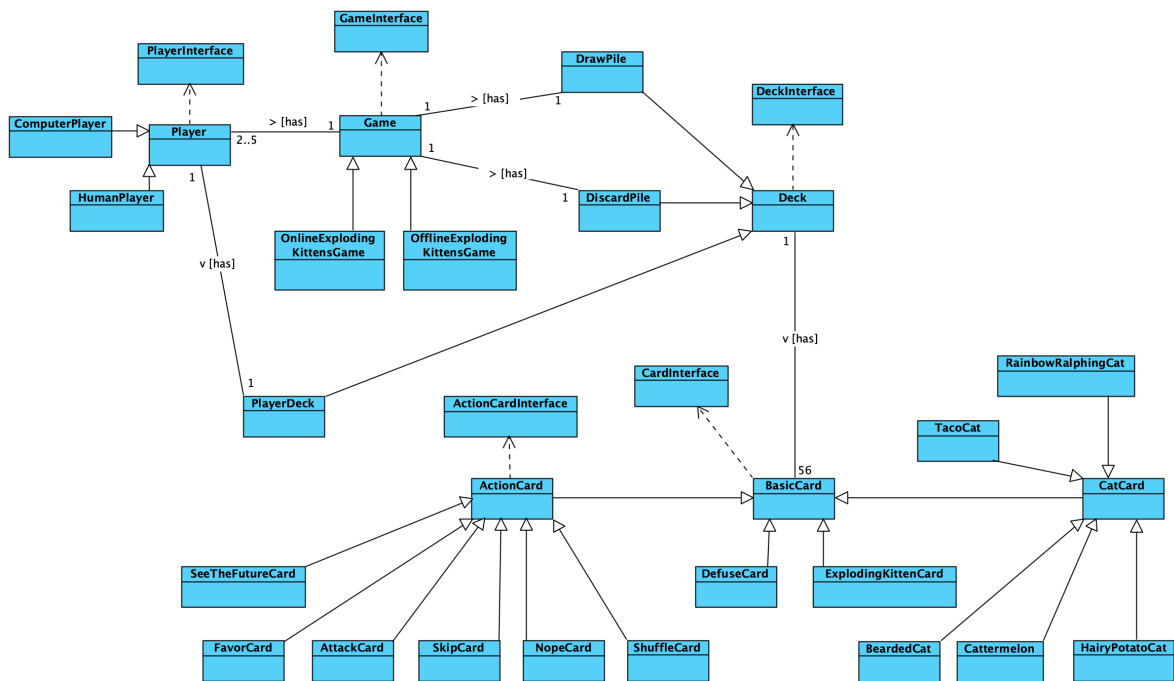# Programming Report – Exploding Kittens

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Overall Design

1.1 Class Diagrams

1.2 Requirements Implementation Map

1.3 Model-View-Controller Implementation

1.4 User Interface

Testing

2.1 Unit Testing

2.2 System Testing

Academic Skills Chapter (Juan Maier)

4.1 Time Management and Procrastination Avoidance

Throughout the course I set several time boundaries for myself, such as making earlier deadlines for the weekly assignments, as well as making time slots that were specific for me to study for every course in the module after lecture and tutorial hours during the day. This did not go according to plan, as I was soon late with several assignments which meant that I had to divide the time for studying and working separately. This also meant that I was not able to make the Academic Skills assignment from weeks 2-4. Consequently I had to do the resit assignment which was from weeks 5-7.

In Week 5, I focused on the System Design exam, as well as completing the programming assignments, and meeting the project deadline with my group. My plan was to attend all of the lectures, tutorials, as well as studying in the Vrijhof after hours. My plan partially worked, as my group could successfully meet the system design deadline, but I had to study for more hours than I had planned for the system design exam, and overall with the programming studying some topics were not fully mastered. During week 6 I became ill, which resulted in me not doing much progress throughout the week regarding the programming assignments, but I tried to focus on the recorded lectures in order to not be left behind with the content of the programming course. I also planned on studying during the winter break in order to catch up with the programming assignments. In week 7, my primary goal was to get prepared for the Calculus 1B exam. This lead to a change in priorities and limited my progress in the programming assignments, which I failed to catch up to during the winter break. My plan during this week partially worked, as I was able to master all of the Calculus 1B topics, but the programming assignments, especially in networking and GUI still remained unfinished. After week 7, I planned on catching up during the weekend in order to meet the final assignment deadline on Monday. In the following weeks 8, 9 and 10 I recognized that I had to change my time

management plan into a more improved version that would let me stay on time with my work. I implemented this more efficient strategy in order to study for my programming exam at the end of week 8. This new strategy worked well and I was able to master the majority of topics for the programming exam. Afterwards, during week 9 and 10 I worked closely with my partner in order to manage the work we needed to do regarding the project. This worked partially well, as we couldn't manage to submit the project when we had planned, but we managed to submit it on time.

4.2 Strengths and Weaknesses

During this course, my learning journey has been very good, as I began having diverse issues and couldn't manage with the programming assignments work, barely managing one to two topics per week. This drastically changed at the end of the module, as I put in extra effort and extra hours in order to master the majority of topics. The topics I had the most difficulty with were: multithreading, networking, and stream I/O. I had a very good journey regarding time management, as I was able to submit everything on time for the deadlines, and extensively put in the extra hours of work in order to keep a good learning level.

4.3 Checkpoint Meetings

At the beginning of the course I had my first checkpoint meeting, and this really helped me to figure out the distinct topics I was having the most problems with. The checkpoint meeting also helped me to stay on track with all of the distinct deadlines, and it was an overall very useful session. The second checkpoint meeting I had it before the winter break, and this helped me to begin doing a study plan, in order to manage with all of the assignments that I hadn't been able to finish from the past weeks. I was able to self-assess my learning every two weeks, and with the use of PLR I was able to track the topics I needed to work on in order to master them for the exam and the project. The feedback I got from my mentor helped me in order to manage the workload at the end of the module, as I had several assignments unfinished, but with the help of my mentor, I was able to meet the deadlines.

Academic Skills Chapter (Alexei Pogodin)

5.1 Time Management and Procrastination Avoidance

5.2 Strengths and Weaknesses

5.3 Checkpoint Meetings