Software Design & Development CA1

Name: Ben Swan

Student Number: N00193159

Year: Year 2

Course: DL836 Creative Computing

Module: Software Design & Development

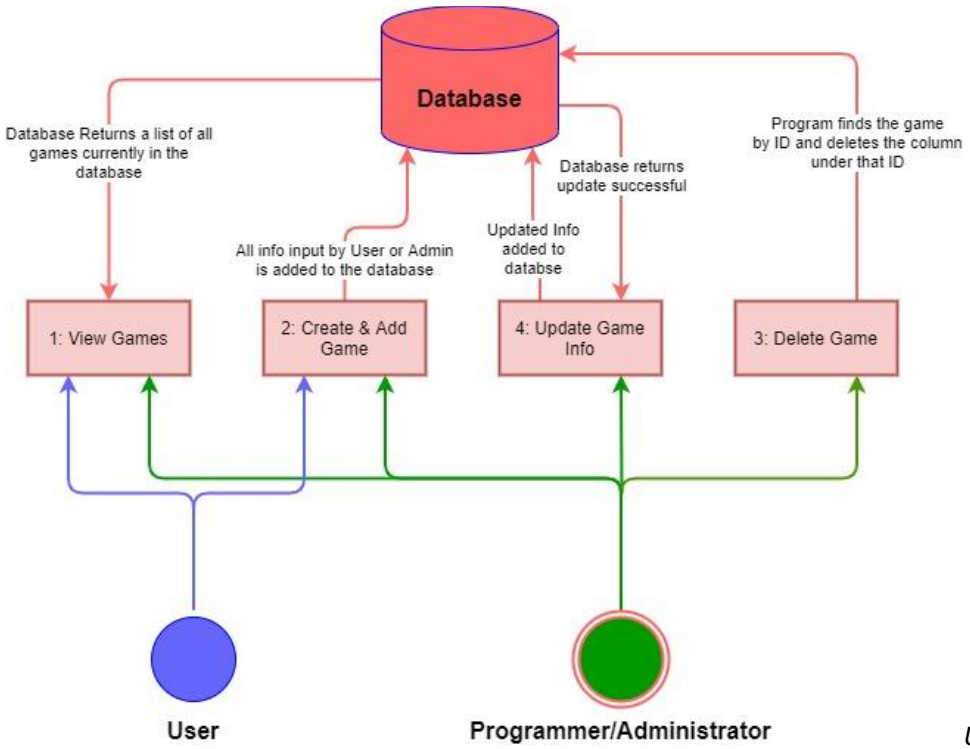
Case Study: Game Studio

I have the Create, Read, Update and Delete functionalities all implemented and working without major issues.

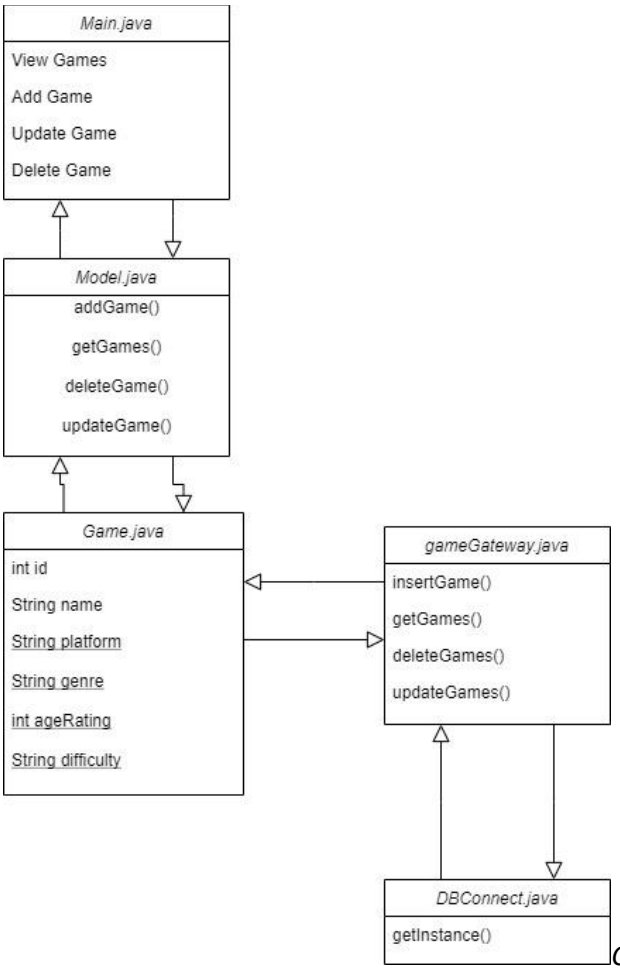
After several tests on each function, I only found one error, which I would consider to be more of an inconvenience; In the Update function, I noticed that the last parameter ("difficulty") did not seem to update along with the parameters before it, despite myself inputting that parameter correctly. I see nothing incorrect with the code, so I'm not sure how that is happening.

The part of CRUD that I found most difficult was the Create. The code was a bit of a rollercoaster when trying to understand what each line's role was. However, after receiving help from both the lecturer and classmates, I was able to get an idea of how the code was structured. Incidentally, it also helped me fix some errors I had with the other functions within CRUD, so I'm happy with what I have to submit.

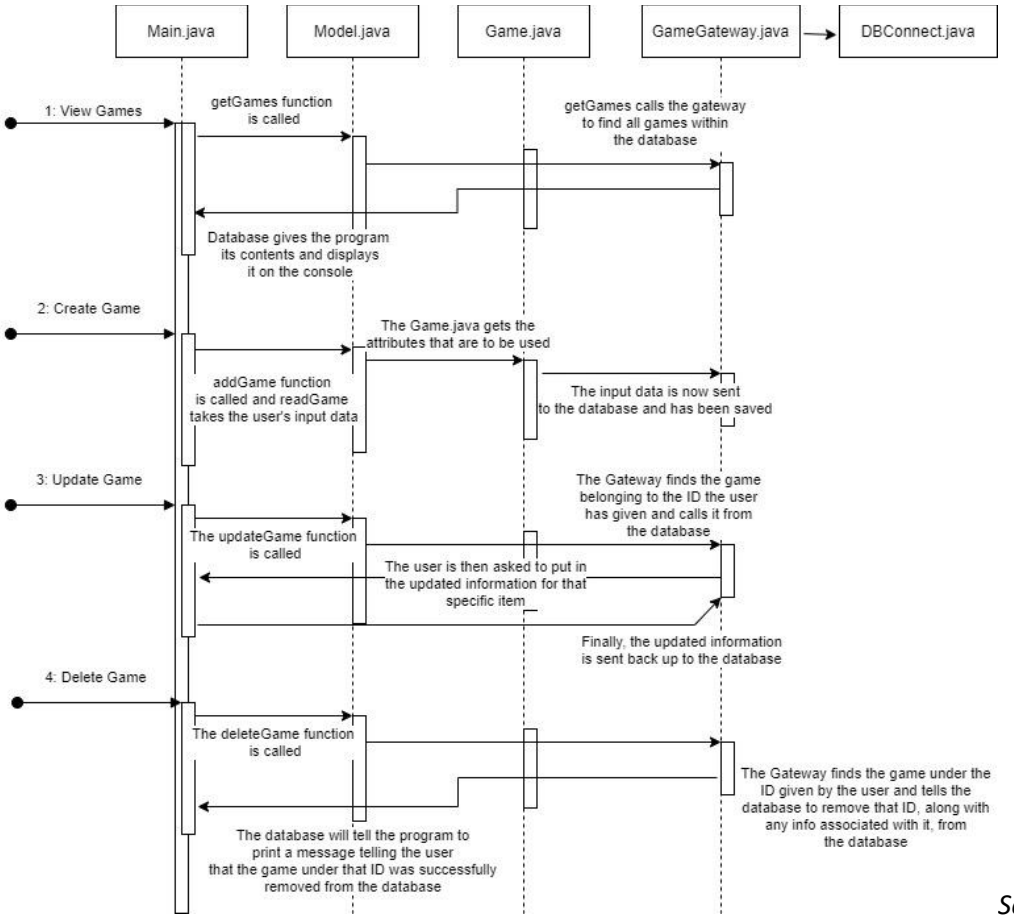
Diagrams



Use Case Diagram



Class diagram



Sequence Diagram