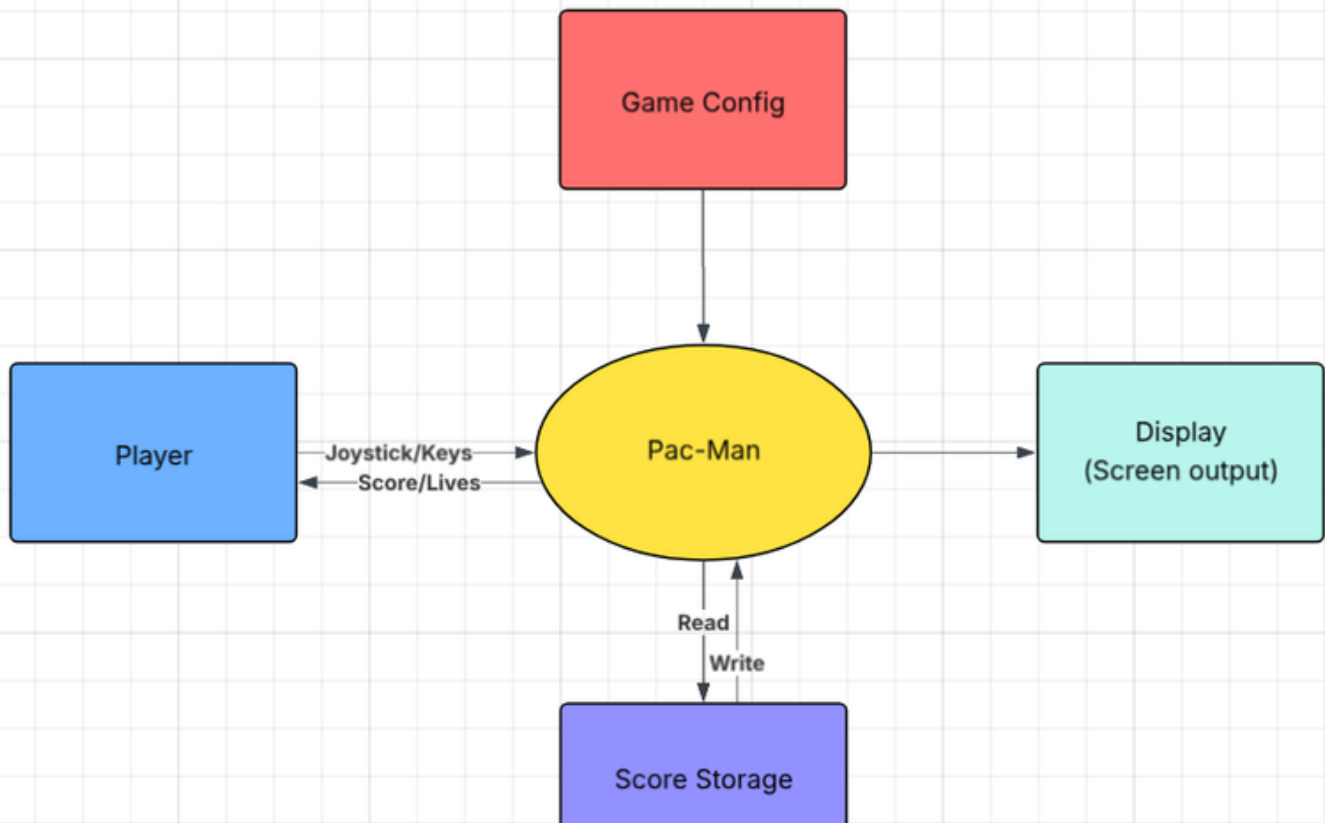
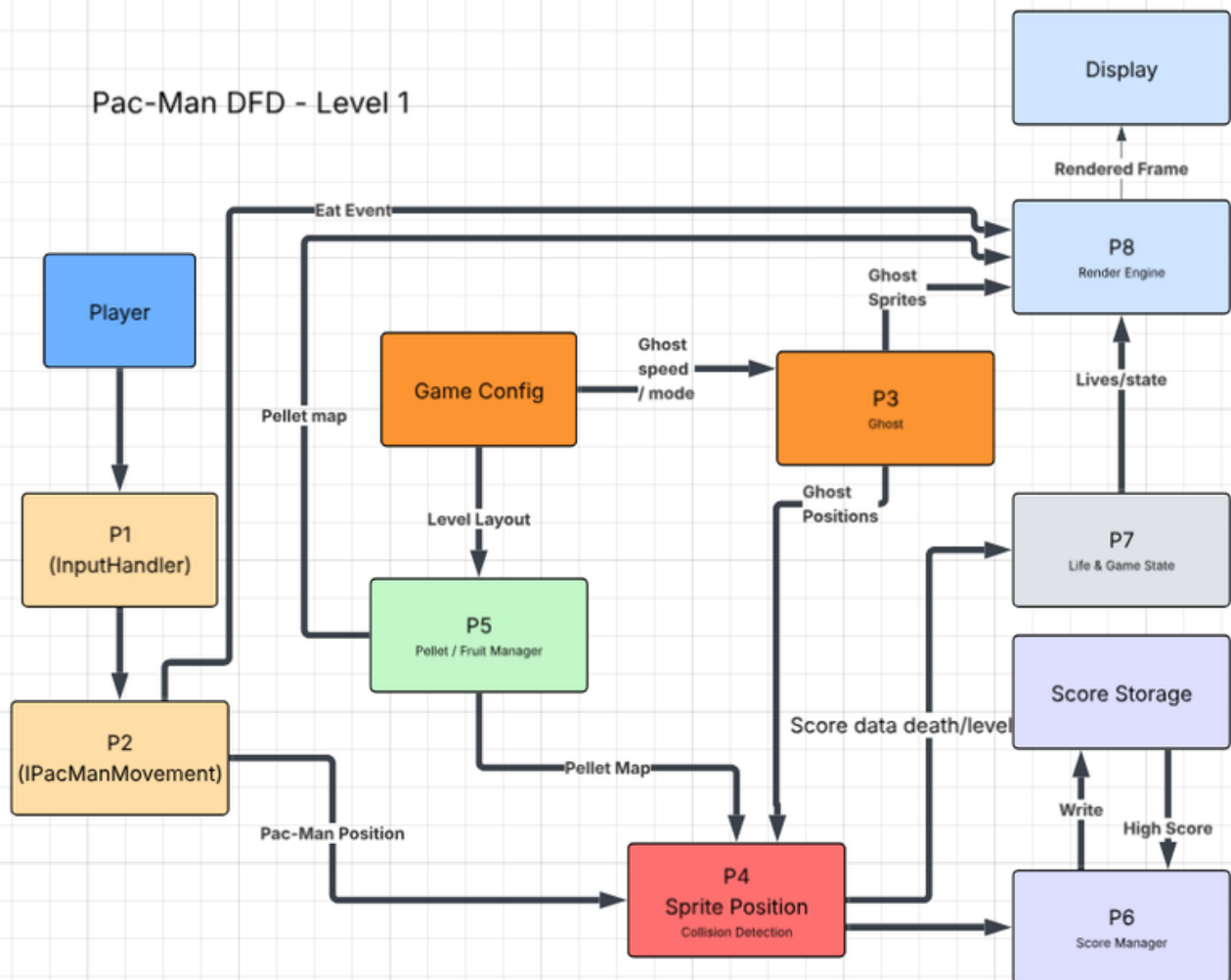




Pac-Man DFD - Level 1



Level 2 - Collision Detection (P4)



Level 2 - Ghost AI Controller (P3)



o What challenges did you face while creating your DFD and how did you resolve them?

The challenge was balancing the high level overview of the game with the complexity of the game, like how each level has a deeper level to it, a deeper understanding to it, which will take a bunch of time to make

o Can you describe an example of a good use of a DFD outside of computer science?

A great non-CS use of a DFD is in Hospital Patient Management. In this system, the "External Entities" would be the Patient and the Insurance Provider. The "Processes" would include Triage, Diagnostic Testing, and Treatment Planning. The "Data Flows" would be the movement of medical records and test results between departments, and the "Data Store" would be the hospital's central electronic health record (EHR) database

o Do you think you might create a flowchart of some type in the future to help with tasks such as school work?

Yes, I can see myself using flowcharts for complex writing assignments, such as my English ENG4U culminating task.