

Hayden Aupperle, Gage Cottrell, Peter Huettl, Garrison Smith

Drop the Code

<https://github.com/petetetete/cs386-project>

D5 – Internal Design

CS 386 – Software Engineering

Spring 2017

Marco Gerosa

**High-level Architecture:**

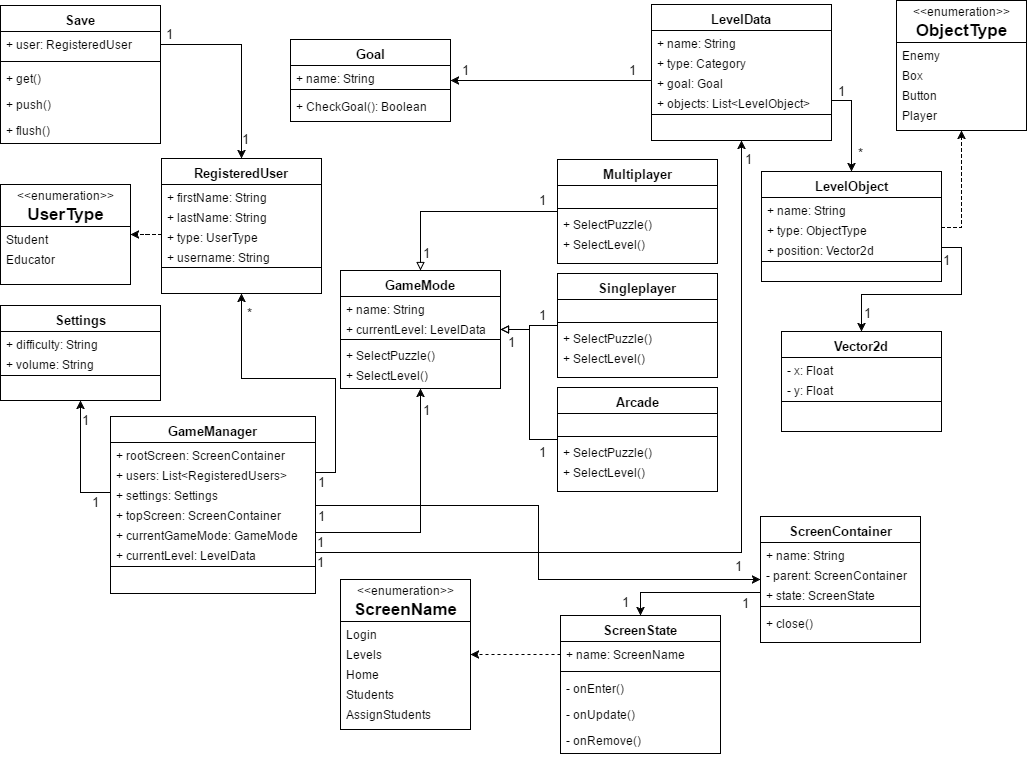
C:\Users\huett_000\Downloads\D5-High-Level.png

[ADD ANY IMPROVEMENTS TO THE DIAGRAM YOU CAN, AND REPLACE THIS MESSAGE WITH A SHORT PARAGRAPH DESCRIBING THE DIAGRAM]

<https://www.draw.io/#G0B0xfRHj-Uu9pd2R3NnhERlFCRjg>

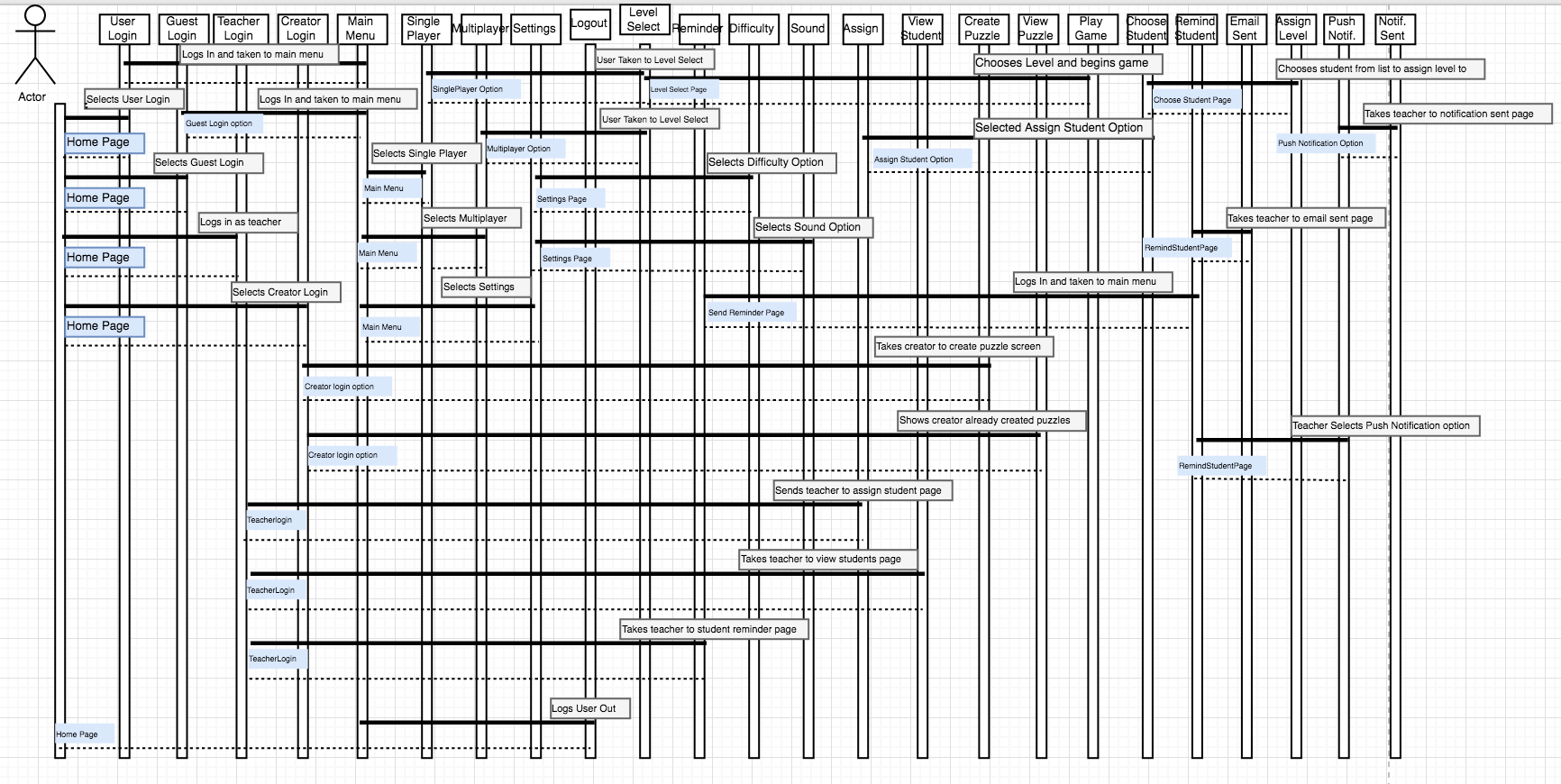
[REMOVE LINK AFTER COMPLETION OF THE ABOVE]

**Class Diagram:**



We added visibilities to all member variables and methods and added information to the relational arrows to denote the kind of relationship. Aside from that, we also cleaned up unnecessary classes and improved the attributes on the classes that do exist. Now the relationships are more clear and accurate to our system.

**Sequence Diagram:**

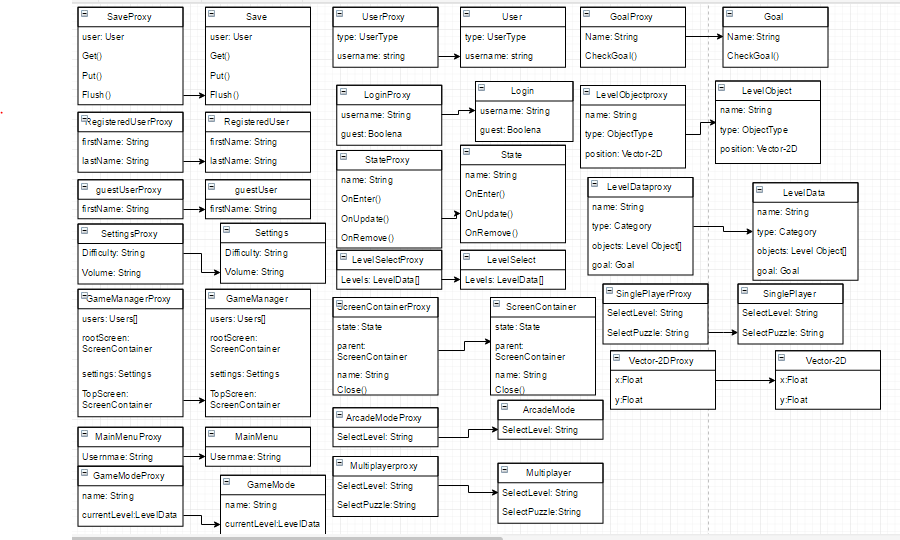


[ADD ANY IMPROVEMENTS TO THE DIAGRAM YOU CAN, AND REPLACE THIS MESSAGE WITH A SHORT PARAGRAPH DESCRIBING THE DIAGRAM]

<https://www.draw.io/#G0B0xfRHj-Uu9pWWpyM2k5d0JmNEE>

[REMOVE LINK AFTER COMPLETION OF THE ABOVE]

**Class Diagram Outlining Design Pattern:**



The Outlined Design pattern for the class diagram is similar to the class diagram except that it uses a proxy class which is a copy of the original class that links together to make an outlined design pattern diagram.

**Group Participation:**

Peter – Create initial documents and template the deliverable and implemented the revised class diagram.

Hayden – Implemented sequence diagram.

Garrison – Implemented the class diagram using design patterns/used the proxy diagram.

Gage – Implemented the high level architecture diagram.