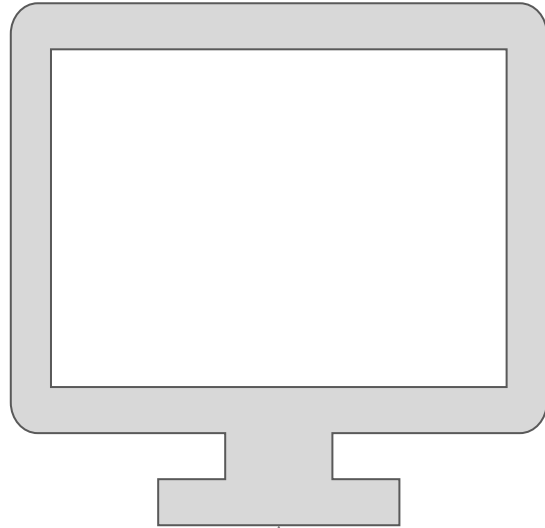
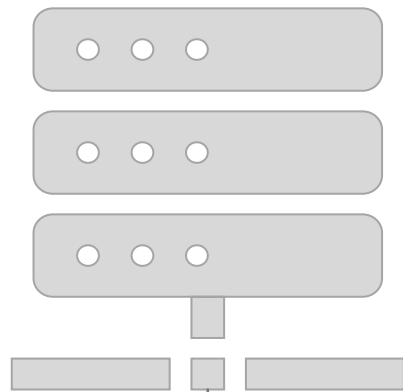


User



Server



Front End

**Graphical Front-End**

**Libraries Used:**

Yew + web-sys + js-sys - The general libraries needed in order for SWIM to function on browsers.

Monaco Editor via rust-monaco - The coding environment that SWIM will use.

Gloo + yew-hooks - Libraries that simplify the web-sys code to do certain callbacks or handling certain objects.

Back End (Custom Built using Rust)

**MIPS Parser/  
Assembler**

**MIPS Emulation Core**

