

## Phase 2

Group Members: Ryan Jaime, Yuvika Dube, Ariana Moreno, Shawn Edmond

How to build the program:

- 1) Using the Makefile: With all the files in the directory, type make, and then when you want to run the program the command is SRI. The files needed are:
  - a) Fact.cpp
  - b) Fact.h
  - c) Rule.cpp
  - d) Rule.h
  - e) Main.cpp
  - f) Common.h
- 2) Using g++: The command is `g++ -o program -g main.cpp -std=c++11`

What works:

- LOAD (Format: LOAD <filename>.txt)
- DUMP
  - This works well
- DROP
- FACT
- RULE
- INFERENCE <Fact name>(\$<variable1>, \$<variable2>, etc)
  - Searching for all facts for a specific rule
- INFERENCE <Fact name>(<name1>,<name2>,etc)
  - Filtering for a specific set of fact parameters
- INFERENCE <Rule name>(\$<variable1>, \$<variable2>, etc)
  - Rules don't work with the logical operator AND
  - Rules don't work when one of the predicates is also a rule