

# Temporal Logic

Jason Shipp

August 22, 2018

## Formal Description

Relation	Interpretation
$X < Y, Y > X$	X takes place before Y
$X \text{ m } Y, Y \text{ mi } X$	X meets Y
$X \text{ o } Y, Y \text{ oi } X$	X overlaps with Y
$X \text{ s } Y, Y \text{ si } X$	X starts Y
$X \text{ d } Y, Y \text{ di } X$	X during Y
$X \text{ f } Y, Y \text{ fi } X$	X finishes Y
$X = Y, X \text{ is equal to } Y$	