Note. COSC 3370 Software Engineering **Kevin White** Date: 6 March 2023 Effect Director Music Director Visual Director Director Music Judge 1..n Directs Judge Marching Band Judges 1..n 1..n Is In 2..n Plays Student Instraments 1..n Woodwind Instruments Percussion Instruments **Brass Instruments**

Trumpet

Cornet

Trombone

Mellophone

Sousaphone

Baritone

Visual Judge

Effect Judge

Snare Drum

Tenor Drum

Bass Drum

Cymbals

Bells

Note.

Flute

Clarinet

Piccolo

Saxophones

This problem domain model details the concepts/classes realted to Marching Band.

The goal of A Director is to artisticly point the band in an artistic direction

The Goal of a visual director is to get the band Looking uniform and together while on the feild

The goal of a music director is to make sure the music sounds good whle on the feild

The goal of a effect director is to make sure the visuals and music come together to create an impactfull effect

the goal of the marching band is to play a show for the gudges in order to win a competition

The goal of the jugdes is to rate the marching bands on how well they exicuted a set of criteia

A visual judge judges the visuals of a band

an effect judge judges the general effect and impact of a band

a music judge judges the music of a band

Instraments make up a band providing different sounds tones and textures to the band.

Students are the ones who make up and play 1 or more instraments in a band

Percussion instraments are made up of instraments that make sound when hit

Brass instraments are metal instraments that use buzzing to make sound

Woodwind instramints are made off wood, and use wind to make sound