



### Existing Wired Scoring Machine:

**Saber:** Fencing Sword that is connected to the body cord. Current runs through the sword to the tip which makes contact with the opponent's jacket to score a point.

**Jacket (lamés):** Electric conductive jacket that picks up current from the tip of the opponent's sabre and sends electrical waves through the body cord to the scoring machine.

**Body Cord:** Connects to the fencer's jacket and to the hilt of the sabre sword. Also connects to an extension cord.

**Extension Cord:** connects body cord to the scoring box. Allows for electrical signals to travel from body cord to scoring machine.

**Scoring Box:** receives signals and controls LED display

**LED display:** Turns on corresponding color to signal a hit for one or both fencers.