CMPSC 488, 001

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AI’s Rules of Order

**Project Description:**

Any structured government, organization or entity require a form of procedure and order; a set of rules that maintain the flow of any official session of the entity. A commonly used Rules of Order are Robert’s Rules of Order and Modern Rules of Order; some other entities will create their own procedures and rules. Any Rules of Order allow the formal meetings of any entity to run smoothly, maintain fairness and maintain the flow of their meetings.

            Typically, procedures are used to maintain the flow of a committee or meeting of an entity. In a meeting, there are two main actors, the chair, the person maintaining the order of the session and overseeing its flow, and the participants. At times, the chair does mistakes, forgets the proper order or becomes biased. The goal of AI’s Rules of Order (AIRoO) is to substitute the role of the chair. AIRoO will be a web app that allows the chair to build all the possible rules using structured blocks, then allow the chair to have AIRoO maintain the order and the flow of a meeting using those rules designed into blocks earlier by the chair. AIRoO will consist of a back-end where the chair can manipulate those blocks and rules. AIRoO will also allow participants of that meeting to be authenticated and confirmed by the chair.

            Once in a meeting and the meeting begins, AIRoO will takeover the meeting using the rules it was given by the chair to maintain the flow and order. It will maintain the flow of the meeting by saying things the chair would have said and waiting for verbal responses or typed responses from the participants via the web-app. AIROo will utilize IBM’s Watson to allow for Speech-to-Text and Text-To-Speech processing. It is also possible AIRoO might utilize Watson’s language processing capability to improve its understanding of some terminology and allow for error correcting when the participants do such errors. The goal is that when AIRoO is running that there should be no need for the chair to exist as AIRoO already knows all the possible rules and can make sure they are followed properly when voting, taking roll call or even just debating or discussing any matter.

**Group Participants:**

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