



Challenge: NL Interface to TELMA - Build a Voicebot Based on Description in Natural Language

Who is behind this initiative?

Company MAMA AI has been a world class AI and cloud expert for over 25 years. It focuses on top-class research, development and customer solutions in conversational AI, speech recognition and synthesis, dialog systems, machine translation, generic deep learning, machine learning and beyond.

What is the challenge?

Develop a natural language interface for TELMA that enables users to specify the type of voicebot they want to create through conversation.

Interested student teams are asked to engage in the above area by

- utilizing generative models to facilitate the creation of bot logic in Telma bot definition language via natural language interactions.
- constructing the bot logic using a series of predefined dialog components, including modules for handling yes/no/do not know decisions, capturing numerical data, gathering date and time information through a calendar module, and leveraging a GPT-powered module for advanced capabilities.

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