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AIDA – The Virtual Assistant

Abstract—

The proposed system aims to develop a virtual-assistant for windows-based systems named “Aida”. Aida draws its inspiration from virtual assistants like Siri and Google assistant for iOS, android respectively. It has been designed to provide a user-friendly interface for carrying out a variety of tasks by employing certain well-defined commands. Users can interact with the assistant through voice commands. As a virtual assistant, Aida assists the end-user with day-to-day activities like searching in Wikipedia, searching for videos, live weather conditions, translations, searching for news. As we know, one of the main problems in the current world is there is no time for anyone to even type an input into the system for searching something in the web. So how about we do it through our speech, we deliver what we need to the system as speech and the system delivers what we specifically needed and without an error it could deliver what we asked for.

So, if anyone need more service from the virtual voice assistant, the creators of the program can alter the program code to add more functions, so that we can provide a favourable environment for the user. If we need to add more commands or functions to provide new services, after thorough study of its real-world implementations we can accomplish that task very easily. Thus, by making a virtual voice assistant our team focused more on simplifying communication with a computer system and also anyone can easily use a personal virtual voice assistant themselves without any hesitation.

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