**VOICE BASED INTILLENT VIRTUAL ASSISTANT FOR WINDOWS**

**Abstract**

PDAs (Personal Digital Assistants) also known as virtual assistants enhances a user’s productivity by proactively providing the information the user needs in the right context (i.e., time and place)PDAs reactively answers a user’s questions and completes the tasks through natural language. PDAs are now also deployed in tablets, laptops, desktop PCs, and headless devices (e.g., Amazon Echo), and some are also even integrated into operating systems. PDAs make use of some core set of technologies, such as machine learning, speech recognition, LU, question answering (QA) and personalization. The scenarios that the PDAs support can be divided into proactive and reactive assistance. Even though proactive and reactive parts of the current PDA architectures are built in isolation, in principle they can use a single architecture to enable both types of experiences. PDAs are complex systems with many components in the system stack, spanning client and multiple cloud services, and it is hard to separate any one component from the rest.

##### Name of the students:

##### Mala.M [REGISTER NO: 211417104140]

##### Bhuvaneshwari.S [REGISTER NO: 211417104313]

##### S.Selva Shankari [REGISTER NO: 211417104329]

**Project guide:**

Mrs.Sangeetha Krishnan

Supervisor

Assistant Professor