Haven's Light is Our Guide
Rajshahi University of Engineering & Technology
Department of Computer Science & Engineering

Project Proposal

1.	**Name of The Student**	:	Muzahidul Hassan

2.	**Roll No.**	:	1703038

3.	**Session**	:	2017-18

4	**Course No and Title**	:	CSE-3200 ; Software Development Project-2

5. **Tentative Project Title (Block Letters):**

> A DESKTOP APPLICATION OF VOICE ASSISTANT USING AI.

6. **Needs and Problems:**

> In this modern day, people are getting busy with their everyday work and their daily work schedule is getting complicated. To pace up with that busy schedule and to ease that complexity, we need some basic software that will meet the need to save time in doing our regular things. Such as, we can type or click using our keyboard and mouse to do our daily work on the computer but we can save our time just by saying the words from our mouth. Thus ,we can save our valuable time by not wasting it on typing or clicking. It will also relieve us from our physical stress as we don't actually need to get in touch with the computer. We can say our command loud and clear from afar and the computer will do it's thing accordingly.

7. **Background and Present State of the Problem:**

> There are already some softwares out there that does the same thing but to access those, one has to sign into their account which can call out for some security and protection measures. So , i want to make one which can be used

by anyone without having any kinds of accounts or facing the difficulties of signing into accounts.

8. **Goals/ Objectives:**

The main goal is to make our daily life and workstation easier and less complicated. By having a voice assistant on our desktop, we can do our work more smoothly and also can use our time more efficiently.

9. **Procedures / Scope of work:**

First i would try to learn and understand the basic approaches to build this kind of software and imply on it one by one using Python, GUI etc.

10. **Timeframe**

	Description of Work	Start and End Dates
Phase One	Learning the basic things to make a desktop application and how it works.	About one week
Phase Two	Make a list of commands of what we will need in using Python, GUI etc.	About 2 weeks
Phase Three	Run and check the environment if that works properly and meet our goal/needs.	About 1 week

11. **Expected outcome:**

The main outcome we will be looking for is if the voice assistant can successfully carry out the commands and operations given by the user himself. Once it is ready to listen to the orders of the users, it can be used in many beneficial aspects.

12. **References:**

https://www.researchgate.net/publication/351978329_literature_review_and_study_paper

References:

1).D.Yulli, "Using voice assistant skills," International journal, 2019.

2) J. F. Hill, "Real conversations with arti+cial intelligence," International journal, 2015.