# Introduction

PERSONAL VIRTUAL ASSISTANT

So here we are with a solution of personal virtual assistant to this problem discussed above. This helps the user to reduce his work. Lets take the problem discussed above suppose the student gets the confirmation of the doctor so personal virtual assistant will be active and when the student opens the mail it will also read it and will take the further steps like personal virtual assistant will search for cheap flights and compare them same thing happens with the hotels and cabs and display it on the student’s (users) screen as a notification so that he can just click on it and confirms the bookings. Through this he saves his time and the work is also not delayed.

### NLP:-

Natural Language Processing is a subfield of linguistics, software engineering, data designing, and artificial intelligence concerned about the interaction among computers and human (natural) languages, specifically how to program PCs to process and analyse a lot of natural language information.

Difficulties in natural language preparing frequently include speech recognition, natural language understanding, and natural language generation.

### RPA:-

Robot Process Automation is the technology that allow anybody today to configure computer software, or a "robot" to imitate and coordinate the activities of a human connecting with digital systems to execute a business procedure. RPA robots use the User interface to catch information and control applications simply like people do. They interpret, trigger responses and communicate with different systems so as to perform a vast variety of repetitive task. Just generously better: a RPA programming robot never rests and commits zero errors.

So the primary thought is to reduce the time and weight from the client and making SEO a total automatic procedure and lift the site and interface with potential customers and business contacts.

In order to make any project successful the one should apply the agile principles so that the software come in a superior manner. Our prime goal is customer satisfaction. So we will apply this principles in the project so that the project become efficient and effective.

## Responding To Change: -

The fourth principle says to respond to change. Breakdown of work into small chunks is one thing that we do in this principle. Suppose a big change come into a project the development team doing the work can drop their work and quickly respond to the change. This principle allows make you flexible and enhance you so that you can solve the bigger problems coming up.