

S.S GABDA¹¹Engineering student, Computer science, Jdiat, Maharashtra, India, somanshugabada@gmail.com**Abstract**

Artificial intelligence (AI) is the future of the technology that will help humanity for the ease and comfort for the tasks. The ideas such as AI desktop partner, customer focused e commerce website, personal nutritionist and online book recommendation using artificial intelligence will make shopping and selection of products very easy and AI could also be a health companion that will take care of one's health itself by reminding and suggesting the nutrition and diet the body requires. With the fast growth of technology, the artificial intelligence will play a main role. it will allow the system to take decisions on itself for the ease of task. The collaborative filter of the AI to recommend the books for the user will filter all the results of interest and hobbies of the user from the social media and the daily behaviour. the AI would let the beginning of a new generation of technology systems that would take decisions on itself without any support.

Index Terms: artificial intelligence, collaborative search, bot, nutrition.

1. INTRODUCTION

Artificial intelligence (AI) is decision taking intelligence system in a machine. artificial intelligence is a capability that exhibits in a machine that allows it to take decisions on its own. Some of example that exist can be taken as optical character reader, speech recognition, military simulation and interpreting complex data. The concept of artificial intelligence was founded in 1956. Since 1956 many loss and disappointments were faced and the highest problem faced was due to loss of funding.

The research of AI consists of some goals as reasoning, planning and natural language processing and the approaches consist of computational intelligence and traditional symbolic AI.

1.1 Goals of AI

The highest priority for AI research is to develop a technology that allows computer systems to work intelligently on self-based decisions such as to take decisions and views of fields like fiction, philosophy and antiquity and to prove that AI would not be a danger to humanity if it starts taking decisions itself

1.2 History

The idea of AI started while Ramonliull started trying to make a machine that performs useful reasoning. Further by the calculus ratorator which was proposed by Wilhelm schickard which was further progressed by Gottfried Leibnitz which was first engineered in 1623 that aimed to perform operations as concept rather than numerical.

The field of AI research was born at darthmoth college in 1956 which waleded by AllenNewell,

HerbertSimon, johnMcCarthy and Arthur Samul. After this a program named "astonishing" was described by their students which was capable of solving checkers, algebra, proving logical theorems and speaking English. Till 1950's department of defence was heavily funded for research in AI.

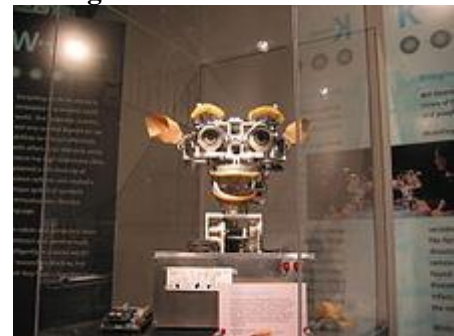
1.3 Social intelligence

Fig.1 "kismet" a robot with some social intelligence skills

The social intelligence can be explained as the ability of a machine to understand emotions and social skills to predict others motives and emotional state which allows it to make better decision. An socially intelligent machine would be able to display emotions even if it does not experience those emotions itself to respond a user with more sensitive emotional dynamics of interaction.

2. Genral Ideas and applications of AI

The research consists of a machine that can combine all the skills mentioned, to exceed the human ability in all the areas so that if a machine could read and write itself in multiple language it would be a great

change for the authors and the development of technology.

Many researchers think that anthropomorphic features like artificial consciousness or artificial brain may be required for such a project.

2.1 customer focused E-commerce website using AI

It is said that over 80% of global consumers don't have any experience of online shopping. so the e commerce companies have a great chance to attract this consumer. For such a strong relation with a consumer the real time information and good service is must. in this feature the admin and the user can access the system.

Here, the admin can view, delete and add products, description, and multiple such functions and then the user would be able to access the system and ask questions to AI bot.the AI bot will answer the questions in the text to speech format, then after the user have selected the product user can do the payment online and the user can also view their order history of products they have purchased.

2.2 your personal nutritionist –using AI

asthe name says this system will act as your personal nutritionist while this system can also be used by a nutritionist to gain more knowledge and helps. In this system user can gee much information about the nutrients, vitamins and supplements. The user can also upload their recipes .this system will basically help the user to know all the guidance and information according to the users choice and aim. This system will also act like a dietician and also remind the diet.

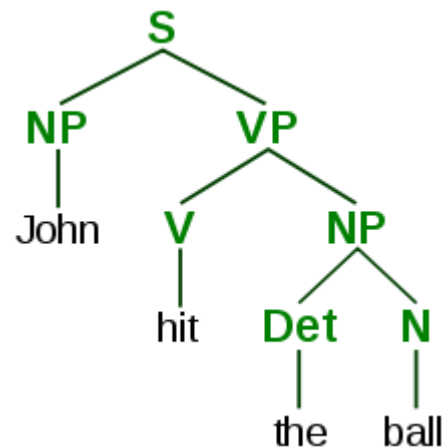
2.3 online book recommendation

This system will allow a user to buy the book with a recommendation system according to their choice and interests. recommendations of most appropriate product for the user. This system will use deep filtering to give a effective and collaborative suggestion. It would help the new users to buy a good book according to their interest.

2.4 Desktop partner using AI

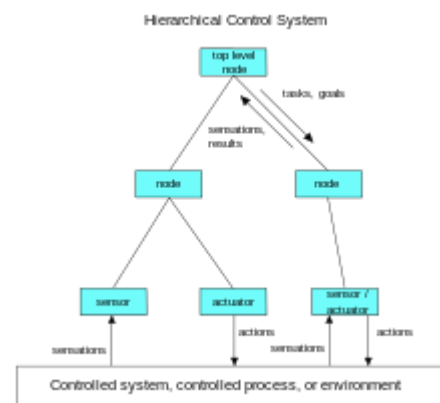
AI desktop partner is a bot that will chat with user when they feel bored. the botwill be actually a artificial intelligence system that will chat as if it is a real person with amusing replies and doesn't lets the user to know knowwhat it really is .this bot can be built with a dictionary full words with an algorithm of reply or respond.it would help you feel better in bad times. Here the algorithm is intelligently built to respond as per the command or input given that specifies the behaviour of a human.

3.Natural Language Processing



A parse tree represents the syntactic structure of a sentence according to some formal grammar. natural language processing gives machines the ability to read and understand human language. A sufficiently powerful natural language processing system would enable natural language user interfaces and the acquisition of knowledge directly from human written sources, such as newswire texts.

4.CONTROL SYSTEM



3. CONCLUSION

The artificial intelligence gives the machines the ability to take decisions themselves without any support.

This implies that the artificial intelligence will be the basic and the most important ingredient for the machines in the future. The fast progress in the technology have already started the basics of artificial intelligence but there are many ideas such as book recommendator and AI nutritionist to be developed

REFERENCES

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