Information extraction from the internet is one of the growing research fields due to the uncontrollable fast growth of internet. It mainly helps to process and analyse the large volume of data on the internet. Similar to an Information Retrieval (IR) system, an Information extraction system responds to a user’s Information needs. Whereas an IR system identifies a subset of document in a large text database, an Information extraction system identifies a subset of information within the document. The maximum number of web pages contains the Information in the form of text. Like commercial databases, social, government, business and research web pages mainly contains text as a main content. Extracting Information about a specific topic in sequence is an essential thing to get the entire idea about the topic which we are searching about a topic in internet. We will not get the Information about the topic in sequential order from the internet and we may get confusion about the order of Information occurrences.

This research focuses on extraction of exact text data as important Information in which analyses and processes the data from different web pages and stimulates it as single and sequential Information. This work mainly proposes an approach called mining algorithm and an intelligent agent for extraction of Information from the internet. The intelligent agent is an independent entity that functions depends on the environment and directs its activity to achieve the goal.
The main objective of extracting important Information extraction from the web page is to get the exact data of user needs which improve the performance on Information retrieval. To automate the Information extraction from the webpage through search engine and analyze the data and to transfer that data into extraction system, intelligent agent is used.

This approach mainly concentrates on two stages (1) Information gathering system which extracts the data from different web pages through the search engine and (2) Extraction system which gets the result from Information gathering system through intelligent agent and summarizes analyses and extracts exact data and provides the sequential Information to the user. This work is considered for specific domain of data. Here the disease details of one particular area are considered as one domain and the resultant data is extracted from the internet. So the information about the disease is extracted here. The extraction system arranged the data in three sequences such as locating disease pattern, disease attracting sequence and disease spreading sequence. This sequence of information helps to understand the entire details about that topic.

The performance of the proposed approach is evaluated with several web pages and the results ensures the effectiveness of the proposed approach by setting different threshold values on time, number of pattern and memory which are relevant for information extraction.