Abstract:

At present Big Data is termed as one of the problems in Computer Science Engineering. The data in the recent years have increased rapidly and exponentially. This brings the necessity for solving the major problems in Big Data such as collection of the data, processing of the data and storage of huge volume of the data. Big Data Frameworks are developed specifically to solve these problems that facilitates application developers by providing opportunities to collect, process, manage, monitor and analyze these data. A few examples of these frameworks are Hadoop, Spark, Flink etc. which are developed by the software engineers as open source projects. Most of the software issues such as huge amounts of computational power, storage area, memory, network bandwidth etc. that arise while developing the software for Big Data applications are solved by above frameworks. But there are some software engineering issues that are occurred in the application development for big data applications, even they used these frameworks to build the applications. In this review I will discuss about the Software issues that arise while developing the Big Data Applications and also related frameworks are discussed before emphasizing the problems.

Five Main References: