**Distributed Database System—Data failure and recovery**

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**Research Methodology**

The following three research questions guided this study

1. Which collaborating components(hardware, software, communication)played pivotal role to fail data in distributed database system?
2. How deadlocks are created in distributed system, how does it effects to manage data, and how can deadlocks be prevented in efficient ways?
3. How easy is it to perform data recovery issues? And what are the challenges of replicating data in different geo-graphical locations and how these challenges will impact in data replication process?

The framework of this study involves online survey portal Survey Monkey instrument that consists of three categorized(Data failed conditions portion of the survey, Deadlock portion of the survey, and Data recovery portion of the survey)20 questions will be administered to students who enrolled in computer science courses at one higher education. The school is a private university. It is medium size institution. The students at the private university consisted of undergraduate, and graduate students. The survey will be active from March 19,2017.