Member 01: Bilal Ahmed Khan   **Roll No:** 20k-0183
Member 02: Muaaz Alam   **Roll No:** 20k-0212
Member 03: Muhammad Abdullah Jawed   **Roll No:** 20k-1689

Industry: Election Process

Q1. Detail functional working and three names of this industry in Pakistan.

Ans. We intend to cover the risk analysis aspects of conducting a country wide election process. In Pakistan elections are conducted by Election Commission of Pakistan working in sync with other national organizations like NADRA used for fetching data of users, and working with Govt employees such as teachers and bankers who serve as election officers during elections.

Over the years the Govt has been mulling over digitizing the election process in order to have a more streamlined and transparent election process. In this project we intend to analyze the risks associated with conducting E-elections by answering the 70 questions provided by Sir Nadeem Kafi and reviewing and summarizing research papers from the relevant domain.

Q2. How do you get information about this industry?

Ans. We intend to analyze and learn from the research done in the domain of conducting elections in other countries so we could better understand the risks associated with conducting E-Elections and how to combat them to make the process overall more trustable and transparent.

For this purpose, we have selected the following IEEE peer reviewed research papers which are listed below:

1. Analysis of Appropriate Security Processes to Mitigate Risk in a Popular Election System.
2. Security in Large-Scale Internet Elections: A Retrospective Analysis of Elections in Estonia, The Netherlands, and Switzerland
3. Information Security During Electronic Voting: Threats and Mechanisms for Ensuring
4. Towards security modeling of e-voting systems