Student: Gabriel Ferreira Barros de Sousa ID: c0692688 Date: 01/08/2018

**Project Proposal**

The objective of the app Vote Analyzer is to help on 2018’s Brazilian elections. The idea is to help the population to avoid voting on corrupt politicians. Additional information will be displayed, such as how that politician voted in the most recent controversial projects.

**Operations**

**1. Search -** On an interface based on the official electronic urn, the user will be able to select the role to search. Then, type the candidate’s number and confirm. Information will be shown.

**Implementation:** The user will enter the candidate number by a button-based interface. When confirmed, the app downloads the JSONs that contain the list of candidates, and associates the number with the correspondent candidate. With the candidate’s name, Vote Analyzer looks for their corruption suspicions and votes, from the other JSONs. Then, displays this information.

**2. Election Simulation -** User fills their vote for each role.

**Implementation:** It is an extension from the previous operation. Here, the user will enter the candidate numbers sequentially, on the same screen. After clicking Go, the name of each candidate will be displayed, in order for the user to take a print and use it on the elections.

**3. Political Ranking -** This operation will provide a list of the most recommended candidate by role. The list is ordered based on the rating created based on the votes and corruption cases.

**Implementation:** When the user selects the role, the app downloads the list of candidates and calculates their rating, listing the first three in a mini-ranking.