



SMS Voting Software

90. St. Jude



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Introduction:

This project is an effort to create a user-friendly, environmental-friendly as well as cost and time effective application to enable users who have access to mobile phones to vote through their mobile phones. This system can be usable in areas such as universities, schools and colleges, where it has been noted that almost all candidates have access to mobile phones, yet there is wastage of time and money in election processes, less participation, and use of non-environmental friendly modes of elections.



Method:

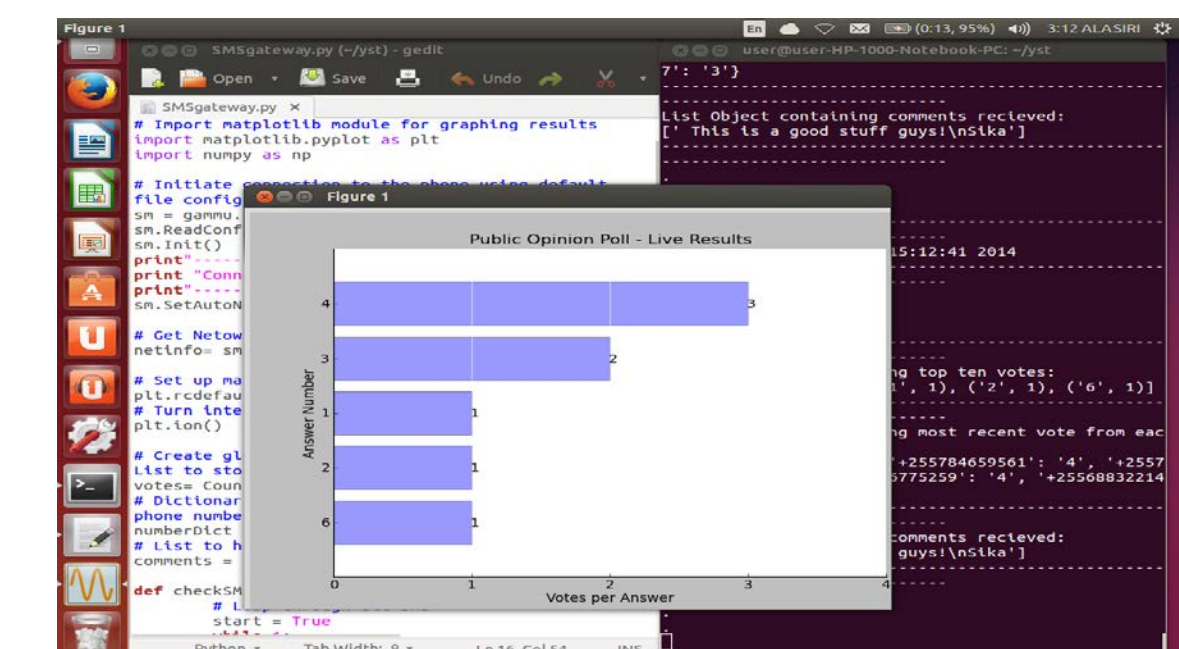
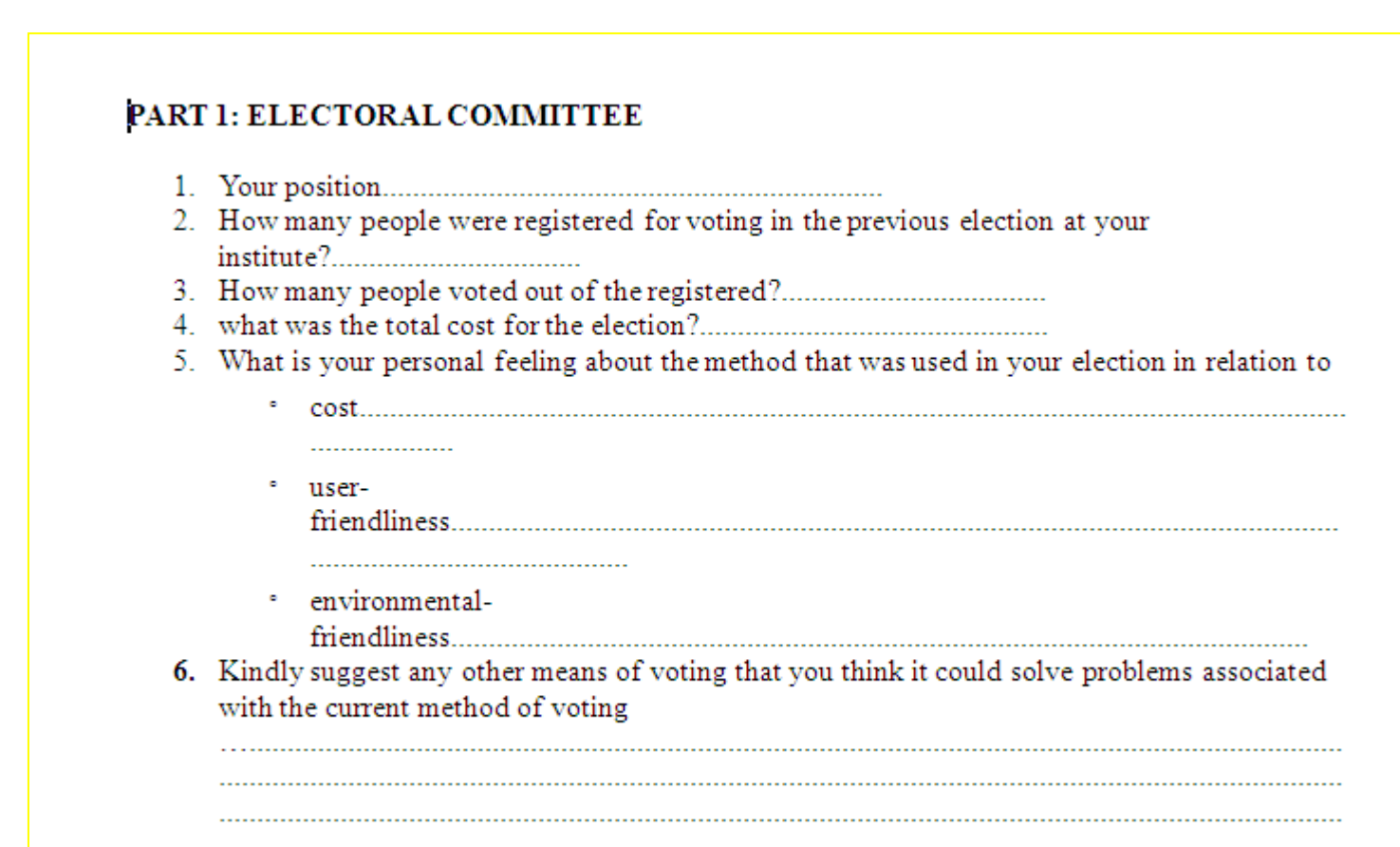
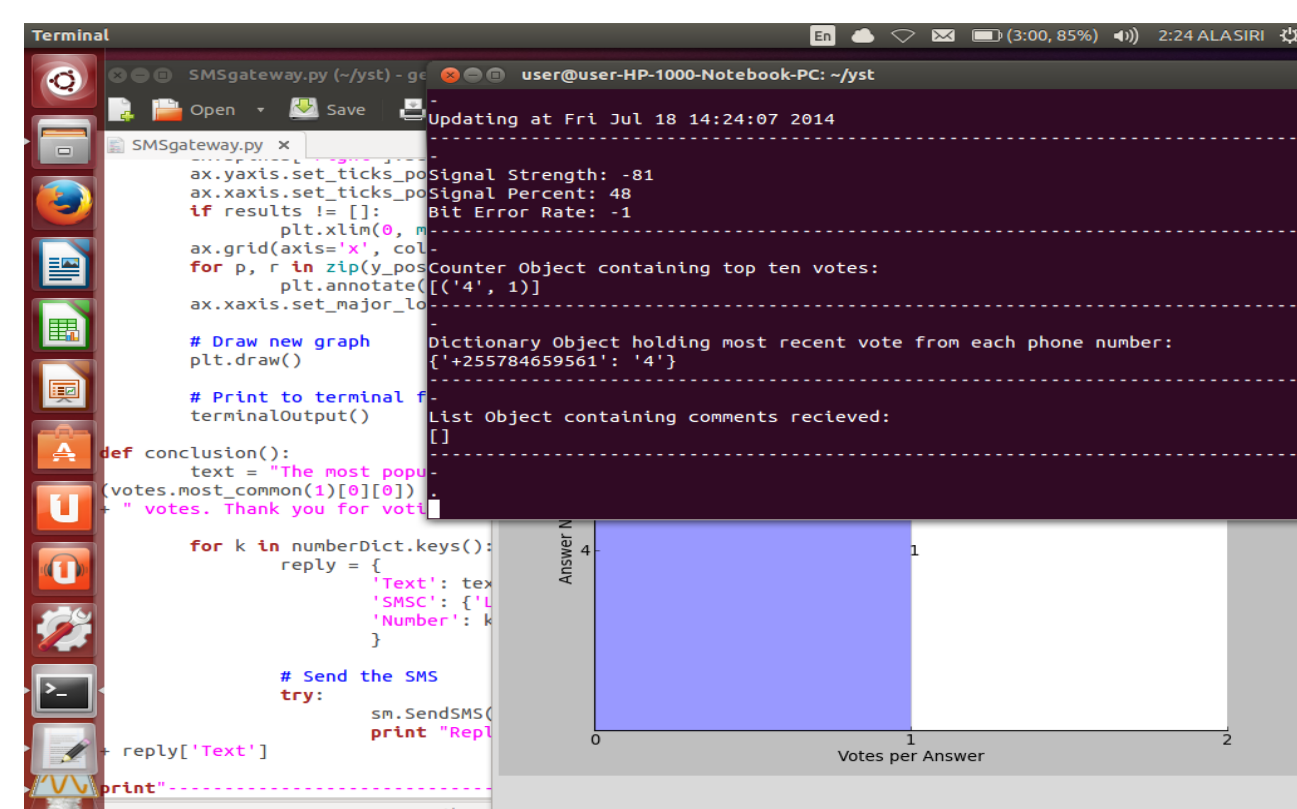
we used COMPUTER PROGRAMMING skills that we had acquired to create software that could make use of SMS to offer solutions to all the above mentioned problems, that is to say the software does the following:
It can be used to conduct elections in areas where all the people doing election posses mobile phones
It can also be used to provide a good means of presenting opinions (in most cases in form of a vote even though comments can also be used)
It can also be used in doing research of which the software itself collects the data and processes it.



Results:

After performing all those tasks mentioned above the outcome is that; the software made can do the following works:

- it can be used to collect data that is sent as a text message (SMS) either a number or a comment
- It can process the received data and display it in graphical methods
- It can also be used to in research purposes for instance collecting public opinions



Conclusions:

According to the results of the experiment which are shown above we think now the project can be used at large scale for

- Elections,
- Public opinion polls and
- Conducting research.

In reference to existing modes of elections we found that our project to a good approximation is one of the better methods even though it is not the best due to some of the limitations like amount of population owning the phones, costs (sending an SMS is not a free service) and not guaranteed that there will always be good network conditions.

After doing part of the project successfully we came to note that the project could be used for some other purposes like public opinion poll and doing research (and so it is not only for elections but it can also be used for research purposes and opinions collection thus it should rather be "Use of SMS technology to solve problems in the society" and not only "SMS voting")

References:

The following are the references we used in creating our project

- <http://wammu.eu/smsd/>
- <http://stackoverflow.com/>
- <http://matplotlib.org/>
- <http://docs.python.org/2.7/>

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