PROJECT PROPOSAL
ELECTRONIC VOTING SYSTEM BY:
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➢ VISION:

1.　　　　This product is a java based application that allows people within a democratic system to cast votes to choose the solution to an issue or to select a person as a leader by reason of the choice of majority by votes.

2.　　　　This product is targeted at small groups of people in a localized environment where the individuals concerned are not very geographically distant from one another especially students on NJUPT. This software can also be used by small bodied groups such as community clubs or small political groups to cast votes as a means of selection.

3.　　　　It has come to notice that, there has always been some sort of controversy in my university amongst students anytime elections of some sorts are being organized. Most at times people feel cheated or wrong in a means where there is lack of clarity and diligence. One more thing is the issue of nullifying a number of votes cast as a result of the inability of voter to adhere to the rules of voting which maybe no fault of theirs.

4.　　　　It may be argued that the previously suggested voting system where students sent their votes via their individual school mails could easily replace this project and thus nullifies its necessity. In my course to differ, in as much as the e-mail system might prove convenient for voters in the sense of location, it will still require that someone manually counts the number of votes which leaves rooms for errors in an area where in the case of a majority wins vote system cannot be tolerated. Voters can by shear human error sent their votes to the wrong email and thus miss their opportunity to voice their choices in votes.

　　　　This is what our product stands to change. We look to automate the most important part of the voting system which is the vote number count by using an automatic increment as the voters select and submit votes through a very simple and comprehensive interface.

➤ SOFTWARE ARCHITECTURE

This project can easily be built or implemented because to entails simple but effective tools which are already available for use.

Our plan is develop this in the java environment using simple frameworks   provided by the IDE and incorporating simple actions into the framework to have accomplish what we look forward to creating. Adopting a three page system which are the:

1. **LOGIN PAGE-:** This page allows the user to login and provides the choice where an administer can also login by just changing the user type from "voter" to "administrator" and then typing in authentication credentials.

2. **CANDIDATE SELECTION PAGE-:** This page simply encompasses the group radio button system which allows user to select the candidate intended to vote for and simply to click a submit button at the base of the screen to finalize the vote.

3. **ADMINISTRATOR PAGE-:** This page provides the administrator with the same radio group button format but this time, upon selection, the number of votes the candidate has received is displayed in a text layout area and converted into a percentage system displayed by the percentage bar below the page.

➤ CONCLUSION AND REMARKS

The realization of this product will be one that very fulfilling not just to us as the developers but also the students we have targeted as consumers. This will not only reduce the resources that are consumed during election periods but will also reduce the tension and the distrust that arises amongst friends and fellow students during these periods.

In as much as the acquisition of student data may be a little difficult because of its privacy and security reasons. We look to be able to come to an agreement with administrative authorities to provide us with the most basic information through persuasion of its usefulness and its key part in this system. The filling and the querying of the database system may stand as a great challenge as we are still new to the use of database systems. However, we shall make proper research and seek all the help we can from more experienced developers to make the realization of our product successful.

We are very hopeful that at the end of the semester we will be able to provide our product as a means of solution to the students of NJUPT for a better student election experience.