



Election Management System

The EMS is designed to automate the Graduate MLC Election voter registration and voter search process. The system is a cloud based solution which includes registration forms, image scanner, data driven dashboard, mobile application, voter list and voter slip printing system. The EMS has a Data harmonization platform which makes data compatible and comparable, even when it comes from different unrelated sources and languages.

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Challenges

Our client has been active in the Indian politics for years. At some point, client discovered that the MLC voter registration and search process is not enough to cope with the high pace Election. The main issue was the absence of straight data between the graduate voters booth. Another requirement for the custom solution was to develop a solution that will eliminate the duplicate voters and automate the voter engagement process to keep voters up to date with the candidate. Also, our client has asked to add new voter-slip and voter-list management functionality on top of the solution.

The challenge was a four-step process:

- Find specific graduate voter who registered election commission 's voter list.
- Print personalized voter-slip, letter of request for each voter. Print custom voter list with voter-slip.
- Monitor their activity and engage them with push notification and clients campaign updates.

Solution

Our developers have created an integrated voter management module that was synced with the election commission's voters data. As a result, our voter management system and mobile application can exchange all data related to voters, booth and locality. Android application allows voters to search their votes on-the-go. While searching a vote, the voter can apply to a particular filter on the interactive drop down to get their records faster. Alternatively, the voter can be searched using the name and other credentials. Backend access rights can vary according to the level of synchronization with the voters data. The minimal set of available functions allows administrators to add to the system and manage voters related to categories. Administrator manage voter's data, create segmented data and produce bulk files for printing. Printing system add these files to printing queue to be printed.

Find voters by district area and booth. Print personalized voter-slip, letter of request for each voter. Find area and booth wise total voter count and target them as per instruction. A mobile application for volunteers with integrated voter search to update the voters missing details along with mobile number.

Applied Technologies



Duration



5+ months



1 500+ hours

Result

Avincos developers have created an easy-to-use online solution that allows significantly improving the efficiency of voter engagement process. Issues and monitor their solving with ease using their PCs or mobile devices. Besides, the app provides functionality for holding collective activities.

Among the main benefits of using this app, our client noted the following:

- Reduced manual paperwork
- Optimized workflow
- Increased voter target satisfaction

Thanks for watching

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