

POLL-UP

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Need

- ▶ One Nation one Election
- ▶ Elections are a very important and crucial task for every country.
- ▶ In India there are various elections that happen after every five years i.e. assembly elections, gram panchayat elections and many more

Problems

To summarize, taking polls of people in large masses is:

- ▶ Cumbersome
- ▶ Time consuming
- ▶ Difficult
- ▶ Unavailable to masses

Thus we need a software product that could reduce all this problem and reach to masses instantly making better use of technology.

Objective

The main Objective is:

- ▶ To create User Friendly Environment.
- ▶ To provide users with one touch access to various polls occurring simultaneously
- ▶ To simplify result generation of polls

Merits and Demerits

ADVANTAGES

- ▶ Easy to use
- ▶ No expertise required
- ▶ Easy to access via the e-internet
- ▶ Click interface

DISADVANTAGE

- ▶ Internet Availability is not everywhere

Tables

- **user Table**

Field	Datatype	Description
Name	Varchar	Name of user
uName	Varchar	Username
Password	Varchar	Password
Aadhar Number	Varchar	UIDAI ID
Profile Pic	BLOB	Picture
ID	Varchar	App id
Security Ques	Numeric	Recovery key
Answer	Varchar	Recovery key

- **userQuestion** Table

Field	Datatype	Description
uQid	Varchar	User question id
Question	Varchar	Question
NoOfOption	numeric	Number of options
Time	Varchar	Time duration
TimeStarted	Varchar	Starting time
Option 1	Varchar	
Option 2	Varchar	
Option 3	Varchar	
Option 3	Varchar	
Option 4	Varchar	
Option 5	Varchar	
Option 6	Varchar	
mpoll	Numeric	The poll of user itself

- **AttemptQuestion Table**

Field	Datatype	Description
Qid	Varchar	Question id
Noofoption	numeric	Number of options
OptionSelect	numeric	Option selected

- questionBucket Table

Field	Datatype	Description
Qid	Varchar	Question id
Uid	Varchar	User id
Time	Numeric	Time of duration
Noofoption	Numeric	Number of option
TimeStrated	varchar	Starting time

- polls Table



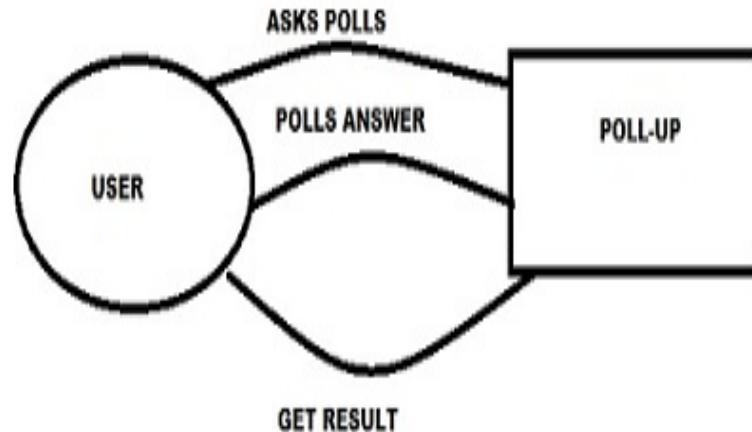
Field	Datatype	Description
Qid	Varchar	Quetion ID
Oc1	Numeric	Option 1 count
Oc2	Numeric	Option 2 count
Oc3	Numeric	Option 3 count
Oc4	Numeric	Option 4 count
Oc5	Numeric	Option 5 count
Oc6	Numeric	Option 6 count



UML Diagrams

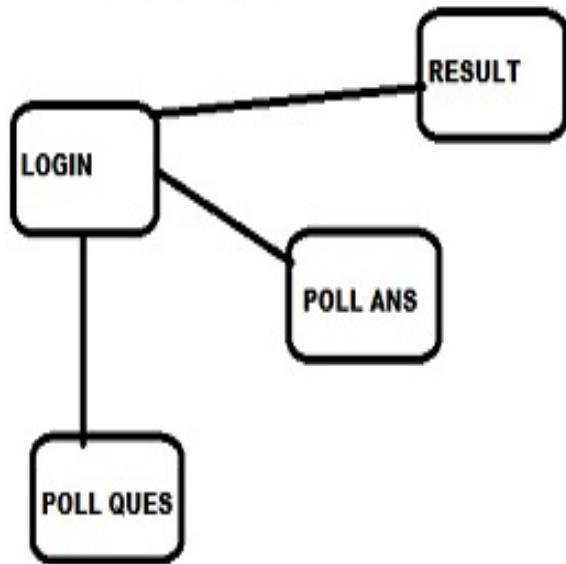
- ▶ Data Flow Diagrams

LEVEL-0 DFD



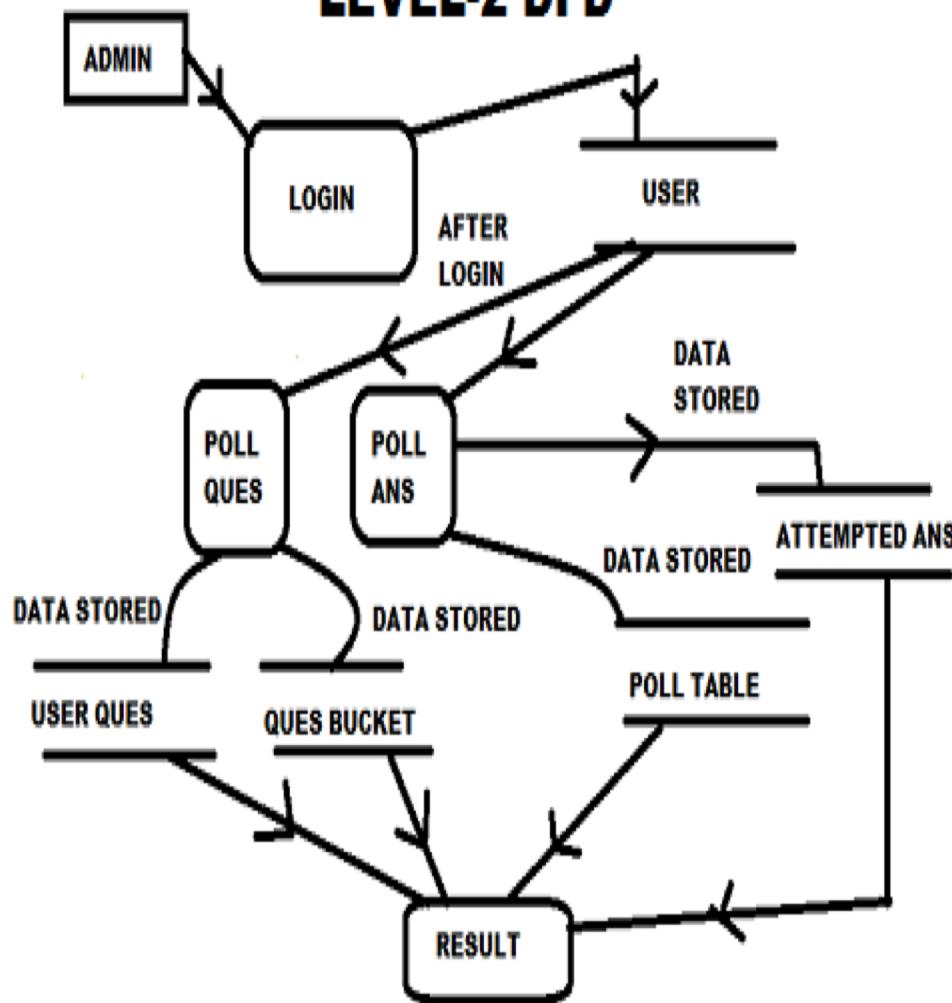
- ▶ It is the basic level diagram which shows the main function of POLL-UP. It contains one external entity user and other entity the application POLL-UP.
- ▶ the user polls answer , creates a poll and get the result via the POLL-UP.

LEVEL-1 DFD



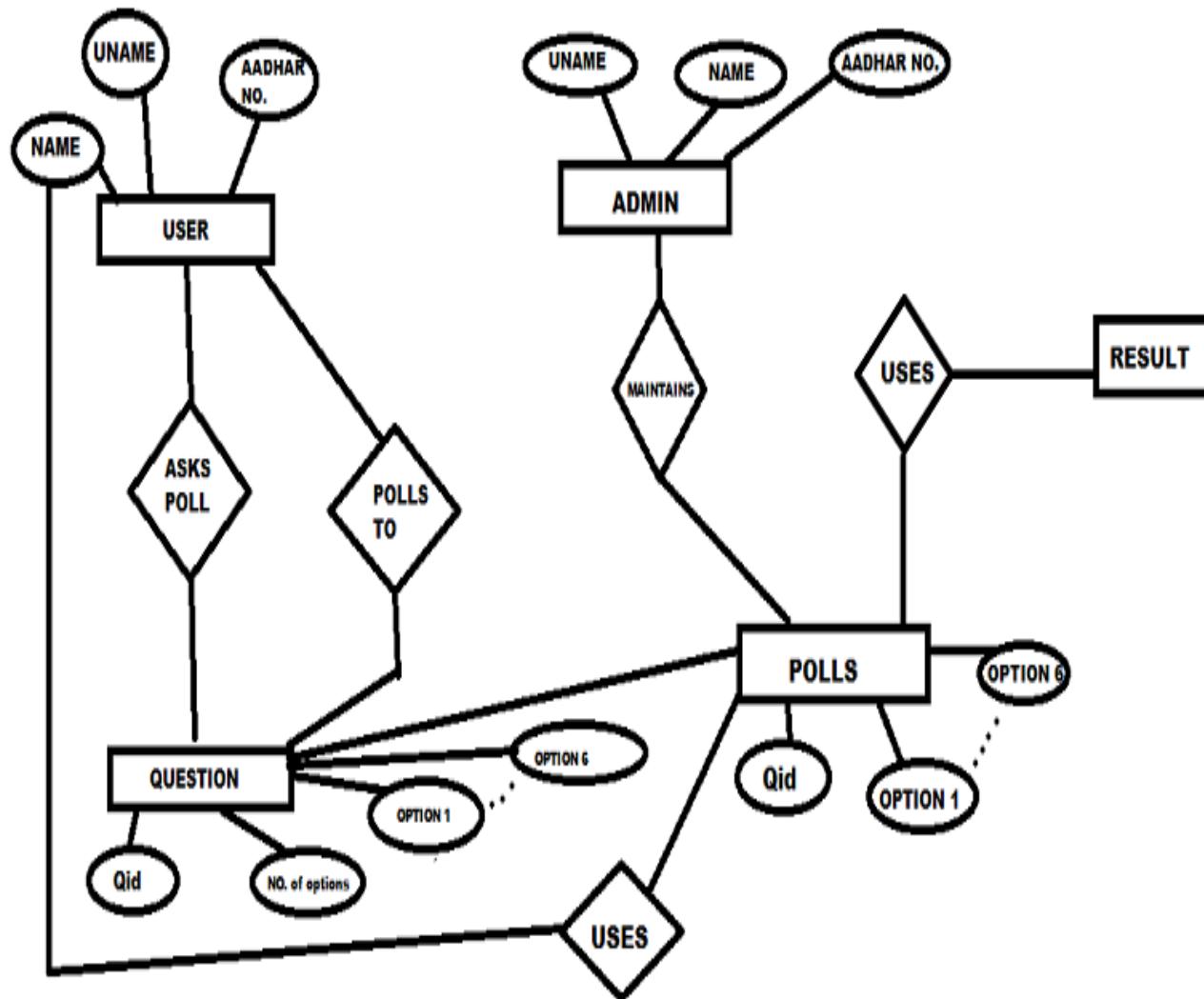
- ▶ This is the level 1 DFD which shows a detailed version of level 1 application. There are three processes in this namely POLL ques, POLL ans, Result which is derived through the login process. After Login the user polls any question , creates any polls and obtain result.

LEVEL-2 DFD



- ▶ This is the final and the last DFD of the POLL-UP application which shows the detailed flow of data among various entities. As we can see the user and the admin logins by the process 'login' which by accessing the database user authenticates the user access. After the login process the user either goes for polling a question or polling an answer process . if it goes in POLL QUES process then it stores the data of question in userQuestion, questionBucket table and stores his/her answer in poll table. If it goes in poll ans process then it stores data in attemptedquestion table and poll table. Using the QuestionBucket, Poll, attemptedques and userquestion table the result to a question is generated.

- ▶ Entity–Relationship Diagram



Conclusion

- ▶ This is a based polling application system, POLL-UP with simple interface and rich functionalities allows user to poll their opinion on various topics easily. In the upcoming days this application is going to revolutionaries the election sector and will save valuable time of election campaign organizers. Hence improving the quality of polling.

Future Scope

- ▶ Prime Minister Mr. Narendra Modi has already launched the idea of one Nation one election idea. The application will support the functioning of this idea .
- ▶ POLL-UP is flexible and can be easily be installed to any internet connected device which includes android phones as well which is now available in affordable prizes. The application can be extended to achieve notification polling, polling without internet i.e. by using bluetooth direct connectivity and many more.