**TEAM MEMBERS :**

**ROLL NUMBER NAME**

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**TITLE : AUDIENCE RESPONSE SYSTEM**

**DESCRIPTION :**

An audience response system supports multiple choice, ranking, voting, rating .It allows large groups of people to vote on a topic or answer a question. Each person has a device(designed using Arduino Uno and wifi-sheild ) with which selections can be made. The audience participates by selecting the answer they believe to be correct and clicking the corresponding key on their individual keypad. Their answer is then sent to a database(MYSQL) which is attached to the presenters computer. After a set time or after all participants have answered ,the system ends the polling for that particular question and tabulates the results. Typically, the results are instantly made available to the participants through any graphical representation displayed on the projector . Depending on the presenter's requirements, the data can either be collected anonymously (in the case of voting) or it can be traced to individual participants in circumstances where tracking is required (e.g., classroom quizzes, homework, or questions that ultimately count towards a student's course grade). In situations where tracking is required, the serial number of each remote control or the students identity number is entered beforehand in the control computer's database. These tools are used to engage audiences and bring a level of interactivity to conference sessions or speaking engagements, allowing presenters to easily capture ideas or opinions of attendees.

**REFERENCES :**

**http://www.icreateproject.info/uncategorized/arduino-save-data-to-database/**

**https://en.wikipedia.org/wiki/Audience\_response**

**http://www.icreateproject.info/uncategorized/arduino-display-data-over-local-network/**