Project Proposal

**IT-314 Software Engineering
Team 23**

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Reviewed by the whole team

Table of Contents

Introduction

It's an era of engagement, where we try to be best in our presentation, be it clothing or our way of coding, even selection of ideas, basically decision-making. But not all can be accomplished by self and chances are quite high that we are not with our friends and family whose opinions really value us. Feel the need of friends' help urgently? JaldiBatao is the answer. The strategy is to pay off an attempt to friends. Here you can find out a quick solution to what you really think is a problem on large range of subjects. All you have to do is login through facebook, create a poll, select your friends and leave the rest to the site. It will notify your friends about the poll and they will be there for your rescue.

As part of Software Engineering (IT314) project for the year 2011-12 we (Team #23) have decided to create a real-time polling website where you can gather people's views or thoughts on several alternatives of topics/objects/articles or anything that flickers in your mind and reach to a satisfactory final choice.

This proposal is tentative, as with the advancement of the project there will

Motivation

In our day-to-day life there are a lot of issues where our mind wavers between options. There comes a moment when it becomes a necessity for us to take opinions of others on the same. But in the rat race of 21st century, it becomes extremely difficult for our near and dear ones to give us their valuable time in person whenever we need it, even for the simplest things. With the help of the omnipresent media of Internet we can easily and quickly get their opinions without them being in every confusion of our life.

This same issue was the sole motivator for our project. Why to do away with unsatisfactory and unsure choices when you can have all your friends and family to help you take simple and cut clear choices whenever you want them to be?

This project is the answer to all these issues that we have to face in our day to day life just because our close ones are not near us. Instead of asking your friends to be there when you take the decision, you can bring the decision making process to them. The whole idea is to create a poll and ask selected friends to cast their votes.

Problem statement

Build a voting portal where a user signs in through social networking profiles and creates, answers or browses through polls. The user will login through facebook or twitter where he/she will have friends or followers who can cast vote on the poll (s)he created.

Stake holders

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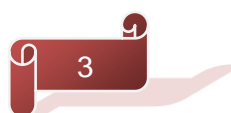
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Project Scope

In the present scenario the project is intended to target the wide base of active Facebook users, who are in contact with their near and dear ones through Facebook and are not able to have them as a part of their life's decision making process.

Project Environment

The code will be written in PHP language, for the server side scripting of the website and there will be parts which will be coded in javascript for the addition of functionality. HTML and CSS will be used for the design part of the project. All this code will be written in either Eclipse or KDevelop or the developers are free to use even Vim.

For version control, git will be used by us.

Features

There are a lot of user-friendly features that we have thought to incorporate in the site, so that its easy for the people in help to get what they are looking for in the easiest and most obvious way possible. They are :

- Login through Facebook: As a lot of Internet users who are already in the demesne of social-networking have a Facebook account, we have thought of incorporating this in our site too.

- Option of polling with a like/dislike button or a star rating : The creator of the poll has the right to decide whether the poll will have a voting system of like/dislike or a star rating for the poll (s)he has created

- Objective of the poll : The user can add an objective for the creation of the poll , e.g.: if the poll was created for selection of shirt for office or for a trip to Goa.

- Commenting on the created poll: Sometimes when there is a need for a friend to clarify his/her votes to the user or there is a need to just put your idea through, the users can comment on the poll their friends have created.

- Display of analysis of poll: Once the poll has been create and the friends/ followers of the user to whom this poll belongs, there will be a result shown containing either the total number of likes and dislikes or the number of votes for each of the star counts and the total rating from the above.

- Sharing of poll with limited/all friends: The user will be able to customize the list of friends who will be able to view and cast their vote on this poll.

- Generation of recommendations according to the user's use: There will be generation of recommendation which will be directly related to the user's previous polls which (s)he had created or casted a vote on.

- View previously created polls: The user will be able to browse through his/her previously created polls.

- Polls can have expiry dates: There can be polls which if casted on after a date are of no sense, for such polls the user will be able to put up an expiry date and after this date votes can't be casted but the poll can be only viewed by the user's friends/followers.

Assumptions

- Everyone in the target user base is assumed to have either a facebook or a twitter account.

- As there is no client related to project, the needs of a user are something that we have assumed keeping ourselves.

Brief Plan

Design:

It is intended to create a User-friendly design which is easy to understand and easy to locate features even for the newest of users of the Internet.

Test Plan:

- A test plan will be created to test the site.

- Along with the design process, a prototype will be created which will be used to see the basic functionality of the site.

- Then there will be the creation of the whole site along with a lot of functionalities which will make it a lot user-friendly and easy to use.

Testing Phase:

- The site will be first tested on the college network

- And if that is a success the site might be uploaded to a server.

Feasibility

As per the feasibility report created for this project, we can see that there are a lot of issues/functions we need to address in the course of the project. Nevertheless considering the give time span and the level of planning done and knowledge of the different tools need for the successful completion of the project, we can say that this project can be completed in the given time.

Implementation Issues and Challenges

The major issues and challenges while developing the site would be:

- Environment: Since most of the group members are not acquainted with either PHP or javascript, we need to go through the general programming methods and techniques.

- As the project doesn't have a client with specific needs, we have to ourselves think of functionalities with the users point of view.