CS215-398 – WEB AND DATABASE PROGRAMMING

Assignment 1

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Included Files:

Sketches

Main Page:
1. ***Purpose:*** to display the branding of *Cooky Polls*. It contains three sections:
    a. ***Most Recent Active Polls:*** displays the five most recent active polls.
        i. ***Vote:*** All users will be able to vote on these polls
        ii. ***Results:*** All users will be able to see the results of these polls
    b. ***Login:*** allows an already registered User to log in, view their polls and create new polls
    c. ***Sign-up:*** allows a new user to create an account to create polls	

Sign-up Page:
1. ***Purpose:*** a place for a new user to create an account.
    a. ***Required Fields:***
        i. First Name
        ii. Last Name
        iii. User Name (Screenname)
        iv. Password (twice to confirm its accuracy)
        v. Email Address
        vi. Avatar Image selection	

Poll Management Page:
1. ***Purpose:*** the home page of the User's account.
    a. The main section provides a list of the User's created polls displaying the following information about each:
        i. ***Question:*** The question asked
        ii. ***Answers:*** Options for the questions, minimum 2, maximum 5
        iii. ***Created:*** The poll creation date
        iv. ***Most Recent Vote:*** The most recent vote cast date
    b. The User can navigate to the following:
        i. ***Create New Poll:*** the page to create a new poll
        ii. ***Vote:*** the page to cast a vote on a particular poll (must select a poll from the list)
        iii. ***Results:*** the page to view the results of a specific poll (must choose a poll from the list)	

Poll Creation Page:
1. ***Purpose:*** A logged-in User can create a new poll.
    a. Required fields:
        i. ***Open:*** The date the poll is to open. Defaults to the current date.
        ii. ***Close:*** The date the poll will close. Defaults to one day from the current date.
        iii. ***Question:*** the question asked
        iv. ***Answers:*** The different answers to the question. Minimum 2, maximum 5
    b. Both the ***Create*** and ***Cancel*** buttons will navigate back to the Management Page	

Poll Vote Page:
1. ***Purpose:*** Allows the User to vote on the question. Navigate to this page from either the Management Page or the main page. There are three options to navigate from this page.
    a. ***Cast Vote:*** This button will cast a vote for the selected answer (chosen using a radio button)
    b. ***Results:*** This will show the results of the poll without casting a vote
    c. ***Cancel:*** This will navigate back to either the Main Page or the Management Page (depending on who the User is)	

Poll Results Page:
1. ***Purpose:*** Allows the User to view the poll results.
    a. Displays the question and the answers with a graphical representation of the number of votes for each answer.
    b. Encases the leading (if still open) or winner of the poll in a box
    c. Navigate to this page by casting a vote on the Vote Page, the Management Page or the main page. There are three options to navigate from this page.
        i. ***Return to Vote:*** returns the User to the Vote page
        ii. ***Return to Home:*** returns the User to the Main page
        iii. ***Return to Management:*** returns the already logged-in User to the Management page	

Storyboards
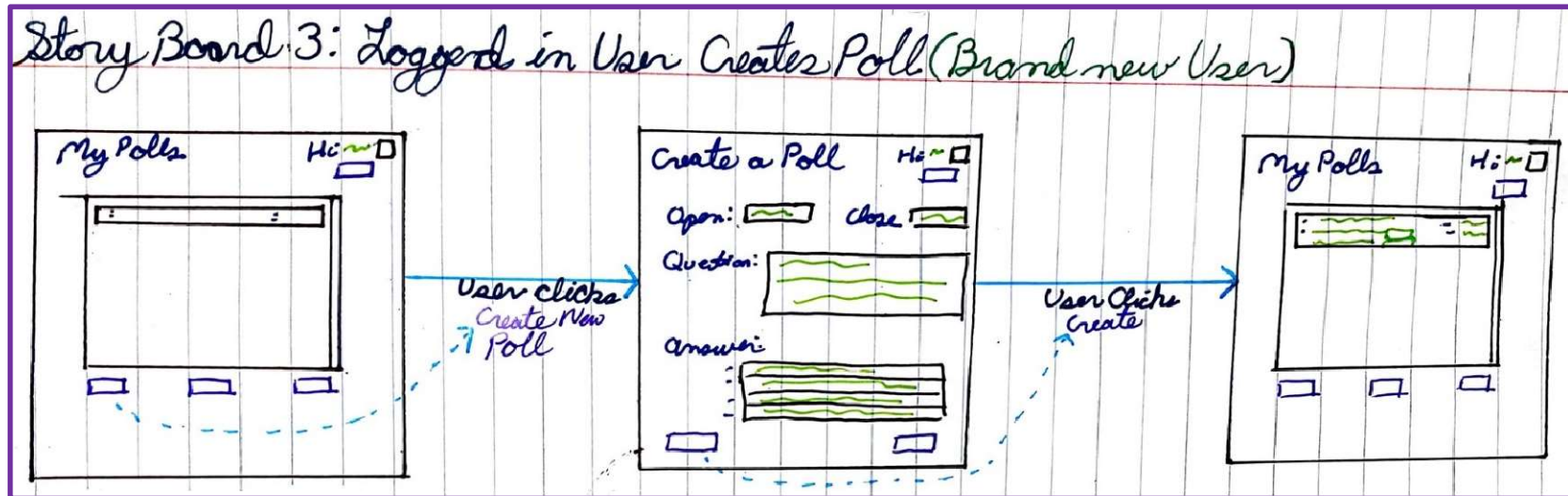
1. ***New User Sign-up:*** From the Main Page, the User clicks on *Sign-up,* which takes the User to the Sign-up page. The User fills out all the fields, clicks on Sign-up, and arrives at the Management page. The Management page will not contain any polls but will display the blank card listing the field titles appearing on a poll.
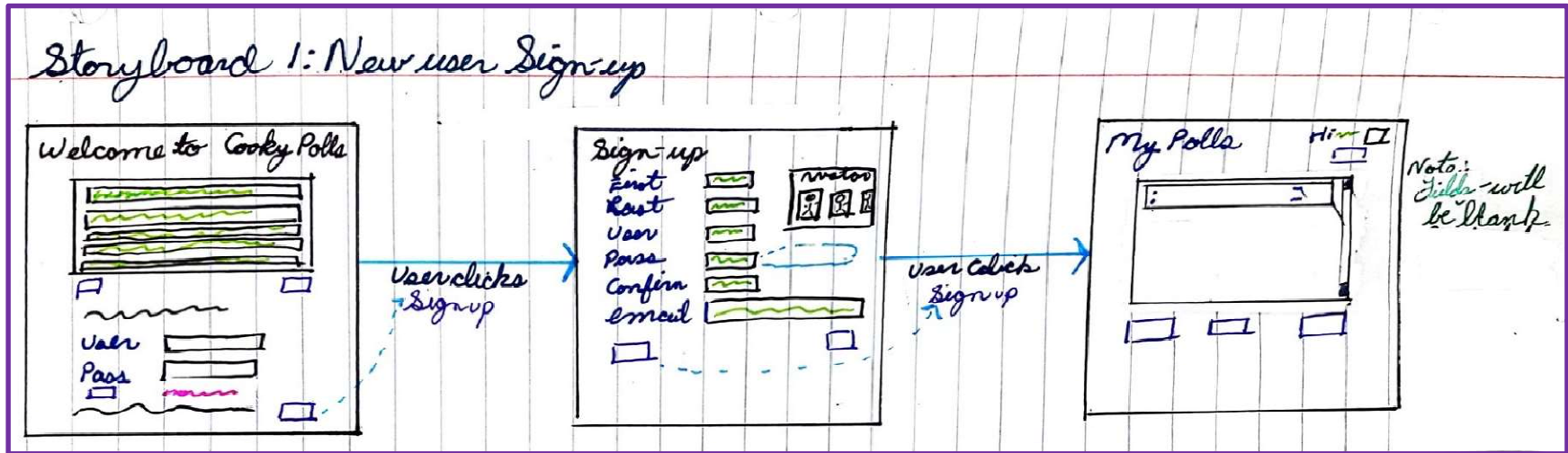

2. ***User Login:*** From the Main Page, the User enters their User name and Password (which must be correct) and then clicks *Login*. The Management Page displays the polls the User has created.
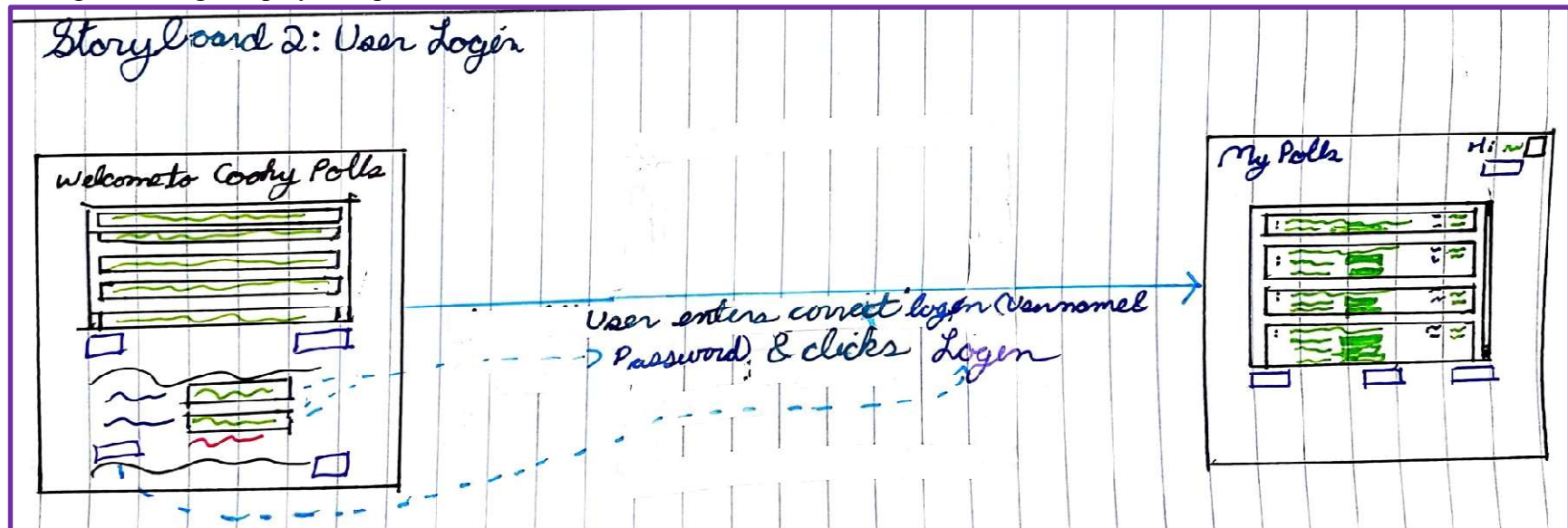
3. ***Logged in User Creates a Poll (Brand new User):*** From the Management page, the User clicks *Create New Poll*, which navigates to the Poll Creation page. The Open field defaults to the current date and time, and the Close field defaults to one day from the current date and time. Two answers are required, but the User can enter up to five. Once the User clicks *Create,* they return to the Management page.

4. ***Public User Casts a Vote and then Sees the Results:*** From the Main Page, the User clicks *Vote* after selecting a poll from the list using the *Radio Button*. Then, the Vote page displays the question and the possible answers. The plan is that if there are fewer than five answers, only those required fields will show.
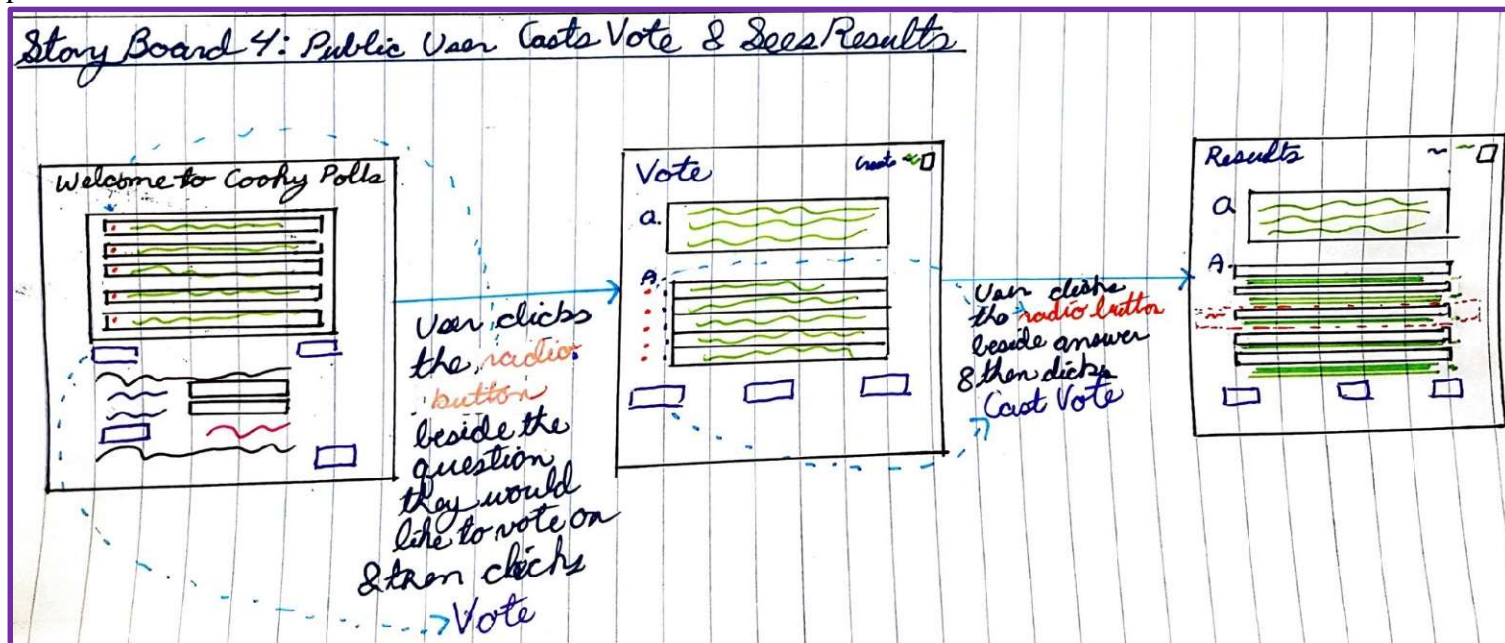
Site Diagram

Purpose: Displays all the pages with links to say how all the navigation buttons connect to the different pages.