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The language of implementation is Typescript, which was chosen to eliminate obscure errors caused by Javascript's default weak typing. We decided for React along with Typescript to extend our learning of web development since it's popular in the industry.



Figure 1: *Example of a live poll page. At the top of the page users will see the topic of the poll for the week. Users may interact by clicking on the available options (in this case, Rem or Ram) in order to record their vote. The total number of votes appears under the options, and increases as more users vote. This design is minimalist and clean to not distract the user from voting, and from accidental clicking.*



Figure 1.1: *An instance of voting. The user will see the percentage of votes for all options after their vote has been casted. Their selection will also be highlighted in grey for visual confirmation that their vote has been casted.*

Submit your entry to the poll!

Waifu Name

Waifu Name

Enter your waifu's name!

Select Image Submit

Prototype by Sophie Kujo, Sophie Wang, and Tyler Gwynn

Figure 2: Interface to submit an entry to the live poll. The user is able to submit an image and choose the text to represent their entry. Image with entry is optional. The title and placeholder value of the text box is descriptive based on the theme of the weekly poll.

Submit your entry to the poll!

Waifu Name

Emilia

Enter your waifu's name!

Select Image Submit

Figure 2.1: Example of a valid entry. Users will see a confirmation message when their entry has been submitted.

Who is the better waifu?

Rem

Ram

Emilia

1 vote

Figure 2.2: The voting page adds a row with the user's new entry after their submission.

The screenshot shows a web interface with a teal header bar containing navigation links: Poll, Submissions, Leaderboards, Login, and Settings. The main content area has a blue background with a pattern of white icons. It displays three placeholder polls, each with a title, two answer input fields, and a date. The first poll is labeled 'poll 1' with a date of 2020/02/14. The second is 'poll 2' with a date of 2020/02/21. The third is 'poll 3' with a date of 2020/02/21. Each poll shows '0 votes' and 'answer 1' and 'answer 2' as placeholder text. A footer note reads 'Prototype by Sophie Kujo, Sophie Wang, and Tyler Gwynn'.


Figure 3: for the Leaderboards or archival polls. Placeholder information is displayed. The polls are labeled by date. By default the user is able to see the topic of the poll, and the options. The user, if interested, can click on an answer and see the distribution of the votes.

The screenshot shows a web interface with a teal header bar containing navigation links: Poll, Submissions, Leaderboards, Login, and Settings. The main content area has a blue background with a pattern of white icons. It displays a login form with a title 'Login', a 'Username' label and input field, a 'Password' label and input field, a blue 'Submit' button, and a yellow 'Register' button. A footer note reads 'Prototype by Sophie Kujo, Sophie Wang, and Tyler Gwynn'.

Figure 4: The login page acts both as the landing page and where the user can register. The contrasting button colours are colour coded in such a way that is consistent with the rest of the site (i.e. Submit is always blue).

PollSubmissionsLeaderboardsLoginSettings

Settings



Change Profile Picture

Username	astolfoBest	Change Username
Email	jane_smith@fateGO.com	Change Email
Password	Change Password	
Theme	Select a Theme ▾	

Logout

Prototype by Sophie Kujo, Sophie Wang, and Tyler Gwynn

Figure 5: The *Settings* page is available to all registered and logged in users. It contains functions such as changing profile pictures, username, email, password, and toggling themes.