Architecture Document

Survey popup

Functional Requirements:
- The system must authenticate users during login.
- Retrieve user information upon successful authentication.
- Update and store the timestamp of the user's last login.
- After a specific action, the system should check if a user has responded to an associated survey.
- If the user hasn't responded, the server should present the survey to the user
- Users must be able to answer survey questions.
- The system must store users' responses to surveys.
- Information about the survey, like its text and variants, should be retrieved from the server and displayed to the user.

Non-Functional Requirements:
- Only authorized users should have access to view pop ups and answer surveys.
- Survey responses and user data transmitted must be encrypted to ensure user privacy.
- Survey responses must be reliably stored, ensuring that data isn't lost due to system failures or other issues.
- The interface for answering surveys should be user-friendly, allowing users to easily understand and answer questions.

Advertisement popup

Functional Requirements:
- The advertising window must display the content of the advertisement, including text, images and, if necessary, video.
- The pop-up window should provide a button or link to go to the advertised site or product.
- It should be possible to close the pop-up window by clicking on the cross or the "close" button.
- The system must determine which ad popup the user should view based on their group membership and the ad's scheduled time.
- The system should send only the latest ad popup related to the user's group(s).
- Once a user views the popup, the system should send a confirmation message to the server.

Non-Functional Requirements:
- The popup should load quickly and not cause lag on the web page.

- The pop-up window should work correctly in different browsers and on different platforms.
- All content in the pop-up window, including links, must be safe and free of malicious code.
- The pop-up window should not disturb the user, it should be easy to close and should not appear again if the user closes it.
- The appearance and design of the advertising window must be attractive and consistent with the style of the advertised product or brand.