

Story UFC-299: Implementing Phase 2

The following document will go over the design of implementing phase 2 (introducing service workers), as outlined in Story ticket UFC-299.

Acceptance Criteria

For reference, the following are the acceptance criteria for this ticket:

- 5, 11, 12, and 15 of [Epic UFC-145: Offline First](#)

Design Brainstorming

The following will plan how each task will be accomplished.

Registration

Modify the authLogin saga to call the SW registration.

update: I just realized that we need to perform the SW registration at app boot (instead of login) because otherwise the toast notification callbacks won't be registered if the user refreshes the page.

Might need to modify the registration code to use `redux-saga` channels to handle the `onSuccess/onUpdate` callbacks. Or at least, pass callbacks that use channels into the callbacks. These are what will issue the toasts.

Deregistration

Modify the authLogout saga to deregister the service worker.

Manual Updates Check

Issue an action to check for updates.

All of the above stuff makes me think that we should have a dedicated service worker slice, or at least a dedicated set of sagas. That way we don't have to encode the service logic directly into the auth sagas, as well as having a dedicated spot to handle SW specific actions.

Component Breakdown

Atoms

- N/A

Molecules

- [modification] UserDropdown (add "Check for Updates" item)

Organisms

- [modification] SettingsNavigation (add the "Check for Updates" item to the mobile view, above the "Logout" item)

Scenes

- N/A

Tasks

- Implement it.