

Mobile Software : PWA

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November 21, 2022

1 Design

As the application is a todo list, the functional requirements are limited. Therefore it was chosen for one component to contain all of the functionality. As the functions are dependent on one another it was seen as an acceptable case where one component would contain adding and deleting todos, so if one were to fail the other would not have a reason to be loaded.

The colour scheme was chosen first with a colour which would fit the application and here after other colours would be chosen based on how they complement to the first colour. Here Paletton.com was used.

2 Programming

The program works by the user pressing "Add new TODO" which would create a input field, once the user presses the button again, it will take the value from the field and add it to a global list in which a function would render the values.

For deleting, a input field is created the same way, it will search for the value in the global list and remove it and afterward it will re-render the list to update the view.

As it is not expected for the list to be long and would only in rare occasions take up the page and there is no no large data such as an image being loaded other than text, a simple list of div objects with the value would be render to view.