

Link: <https://lkhalid0095.github.io/to-do-list/>

1. The site is targeted towards mainly college students and adults that need a clean interface to type down their tasks. Users with desktop and laptop devices would prefer this website because the feature looks better on a bigger screen. The users age group vary around 20-35, these users would want a straightforward and a simple app. The web-app design is simple, and it's functionality isn't challenging which will target users that want an efficient/easy way of documenting things they need to accomplish.
2. The design is fairly simple and easy to use. I made sure to give an alert if the user tried to add an empty task to the list. The colors I choose were neutral, and weren't too bright on the eyes. I added the priority type, and the due date in the same line before the add button because it will let the user know of all possible input types, before adding a task to the list. The delete button is an icon, which I thought looked simple, and self-explanatory. Instead of using a 'x' I used a trash can, because most of the times when we delete things we put them in a recycling bin(windows), or trashcan (Mac).
3. Consistency – Having a consistent format of tasks, all of them have the delete button, due date on the same side.
Informative Feedback – When the user complete tasks, there's a strike through, and audio is played to celebrate the completion of tasks.
Prevent Errors – Makes sure that users don't add an empty task, creates an alert if they do.
4. The app interface is clean, and simple. I asked a couple of my colleagues to use the app, and give me their feedback. The positive feedback included comments, such as that it's easy to use, and has a nice look to it. Something I could improve on is that it doesn't look as good on the mobile. Additionally, I can add tallies of how many tasks the user has completed, and maybe a separate column for completed tasks.
5. Affordance – Instead of typing the date, the user can select the due date of the task by clicking on the calendar, there's an icon of a calendar in the input box. The icon makes the affordance visible to the user.
Constraint- In the calendar, the user can only select due dates after March 10th (which is the current date).

Tasks Completed:

- **A – Completed Parts 1-5**
- **B – Completed Parts 6-7**
- **C – Completed Parts 8-9**
 - o **Each priority reflects with a color**
 - o **Added audio for #9**
- **D – Did not complete, no subtasks were defined.**

References:

- <https://medium.com/clarusway/making-a-todo-list-with-html-css-and-javascript-154839b770b6>
- <https://www.geeksforgeeks.org/how-to-create-todo-app-using-html-css-js-and-bootstrap/>
- <https://www.makeuseof.com/how-to-build-todo-list-app-using-javascript/>
- https://www.youtube.com/watch?v=nvYcia1YJNQ&feature=emb_logo&ab_channel=MysteryCode
- <https://stackoverflow.com/questions/20673959/how-to-add-new-li-to-ul-onclick-with-javascript>
- https://www.w3schools.com/jsref/met_select_add.asp
- <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/input/date>