

# stay focused

justin saeou  
<https://github.com/j6512>

# Description

Web application built with Spring Boot that allows Users to create lists that they can store tasks that they need to do / prioritize. Users are able to create multiple lists to help organize their tasks. When viewing a list and it's contents, a countdown timer will be available for the User to configure. The purpose of the countdown timer is for the User to designate that amount of time to working on the tasks on their list.

# Planning - User Stories

- Based on personal experience, I found it difficult to work on something I needed to do due to many distractions. I thought it'd be nice to have a timer in which I would designate that time strictly for working on my assignments. Once the timer ends, I am free to do whatever. I found that this method helped increase my productivity.
- This web app would be useful for students who have trouble focusing, or in general, just helpful for having a place to store all their tasks they need to work on and have a timer built-in.

# Planning - Database

The database used is MySQL.

- a table for User login information
- a table for User Profile linked to the User in a one-to-one relationship
- a table for the Lists that a User will create and is linked back to with a one-to-many relationship
- a table for the Tasks that will be stored on the Lists linked through a one-to-many relationship
- a table for Notes that a User can add to each individual Task linked through a one-to-many relationship

# Technology Stack

- Java
- Spring Boot
- Bootstrap
- Thymeleaf
- MySQL
- Javascript