Todo App

Helps reminding your planned tasks!

Problem

Some people have a lot of trouble when it comes to remembering the things they’ve planned. It can be annoying to carry a notepad or even an agenda, and where are you going to put your pen?

Solution

We need an application which helps us remember the things we have planned and which is accessible from anywhere with an internet connection. In addition to these important features, it must be user-friendly and not hurt your eyes.

For more features: [Product Features](#3tvvevffqfyh)

Development Process

Project management

We are going to use Github for managing and sharing our semi-open project. The Github’s ‘project’ feature helps us creating a repository and kanban board.

Our Team

* Burak (admin)
* Rebien (admin)

Bugs

Bugs will be ‘converted to issues’ within kanban board

Deployment (development => production)

There will be just 1 branches (because of the small size of this project):

* Master (production and development)

(For later)

Every tested and working code or feature will be merged with the ‘dev’ branch. ‘Dev’ will be regularly merged with the Master branch, only if the ‘Dev’ branch is fully tested and stable.

Product Features

MVP (minimum viable product) features are marked as **Bold**

**Pages/components**

* **Side menu**
  + **Changing TODO app name**
  + **Showing datetime**
  + **New task button**
  + **Today**
  + **All todo’s**
    - Filtering based on selected dates
  + **Planned**

**Page and component definitions and features**

Side menu

* **Possible to minimize the menu**
* **Every item (link) has an icon**

Changing app name

* **Possibility to give your todo app a name, also shown as page title**
* Max char: 30, Cannot be empty

Showing datetime

* **Shows the local datetime of user**

Quick new task button

* **Task title**
* **Task body**
* **Options:**
  + Make it important
  + **Attach to a date**

Today

* **Shows the tasks of today**
* **Possible to mark as ‘Done’**

All tasks

* **Shows all tasks**
* Filter tasks by chosen date(s)

Planned

* **Shows all planned tasks by their dates**

## 

## System Architecture

Front-end technologies:

* React (create-react-app)
* React styled components

Back-end technologies:

* This application has no backend. Data will be stored into local storage

**Programming Language(s):** Javascript (React 16.8), ..

**Libraries:** (Maybe `Ant design` not sure), ..

**Platform:** Local development environment

API Endpoints

* Maybe in the future..

Database

All client/user data will be stored in the local storage

## User interface

Organising CSS

UI Component Library

* Ant Design

Buttons

Checkboxes

Notification Popup’s

* Ant Design Notifications

<https://ant.design/components/notification/>

Messages

* ToDo successfully created

Mockups