Task Manager v1.0

Team: BothEnds
Members: Krishanu, Manav, Yash
Tech-Stack: Mean Stack

Git-repo link: https://github.com/krishanu-2001/MeanStack-taskmanager

Task Manager v1.0 final product
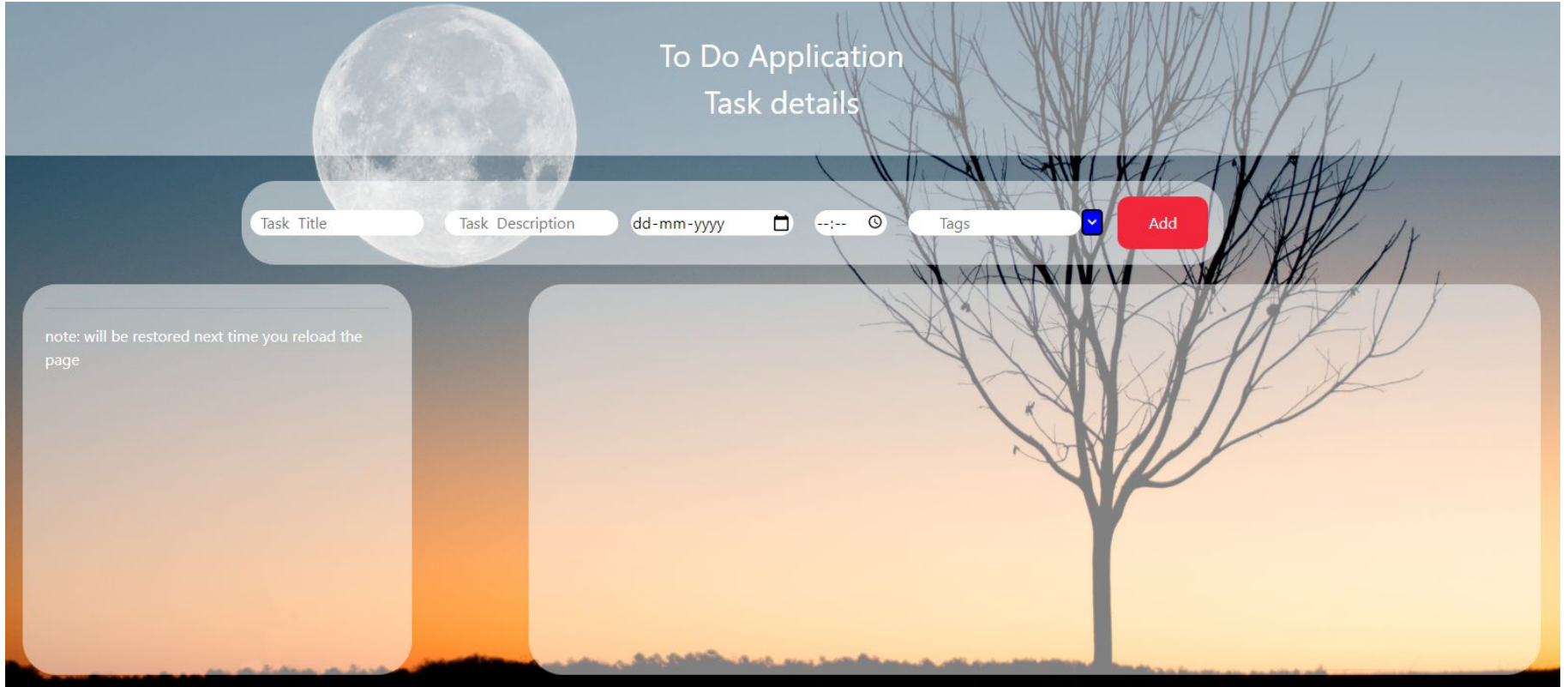
SETTING UP

Setting up Mongodb

Set up Mongodb

(for windows)

: Download MongoDb MSI installer package

https://www.mongodb.com/download-center/community?tck=docs_server

: Install with default settings (optional)

Set up Mongodb

: Make a "data" folder to store databases (C: drive preferably)

: Make a "db" subdirectory

: Tell mongo to use this directory to store db's using in cmd ->

$ "C:\Program Files\MongoDB\Server\4.2\bin\mongod.exe" --dbpath="c:\data\db"

```
$ cd C:\

$ mkdir data

$ cd data

$ mkdir db

$ cd db

$ "C:\Program Files\MongoDB\Server\4.2\bin\mongod.exe" --dbpath="c:\data\db"
```

Setting up Nodejs

Node js installation

: Install node js from its website

Link: https://nodejs.org/en/download/

: Install with default options

Now that we have all basic requirement

Let's Move ahead

$ git clone https://github.com/krishanu-2001/MeanStack-taskmanager.git

```
C:\Users\krishanu\Desktop>mkdir bothends

C:\Users\krishanu\Desktop>cd bothends

C:\Users\krishanu\Desktop\bothends>git clone https://github.com/krishanu-2001/MeanStack-taskmanager.git
Cloning into 'MeanStack-taskmanager'...
remote: Enumerating objects: 9985, done.
remote: Counting objects: 100% (9985/9985), done.
remote: Compressing objects: 100% (6659/6659), done.
remote: Total 9985 (delta 2692), reused 9946 (delta 2679), pack-reused 0
Receiving objects: 100% (9985/9985), 9.06 MiB | 4.40 MiB/s, done.
Resolving deltas: 100% (2692/2692), done.
Checking connectivity... done.

C:\Users\krishanu\Desktop\bothends>_
```

Open first command prompt /

terminal /

node command prompt

Move to root folder, then

- $ cd MeanStack-taskmanager
- $ cd project
- $ cd contactlist
- $ npm install
- $ node index.js

something like this...

```
C:\Users\krishanu\Desktop\bothends>cd MeanStack-taskmanager

C:\Users\krishanu\Desktop\bothends\MeanStack-taskmanager>cd project

C:\Users\krishanu\Desktop\bothends\MeanStack-taskmanager\project>cd contactlist

C:\Users\krishanu\Desktop\bothends\MeanStack-taskmanager\project\contactlist>npm install
[          ...........] | extract:nodemon: verb lock using C:\Users\krishanu\AppData\Roaming\npm-cache\_locks\staging-cfe8
```

Now your server is up and running at localhost:3000

```
C:\Users\krishanu\Desktop\bothends\MeanStack-taskmanager\project\contactlist>node index.js
(node:55820) DeprecationWarning: current URL string parser is deprecated, and will be removed in a future version. To us
e the new parser, pass option { useNewUrlParser: true } to MongoClient.connect.
(node:55820) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a
future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the Mo
ngoClient constructor.
Server started at port: 3000
Connected to mongo db ok
```

Open second command prompt /

terminal /

node command prompt

Again move to root folder, then

- $ cd MeanStack-taskmanager
- $ cd project
- $ cd contactlist
- $ cd client
- $ npm install
- $ npm start

Something like this...

```
C:\Users\krishanu\Desktop\bothends>CD MeanStack-taskmanager

C:\Users\krishanu\Desktop\bothends\MeanStack-taskmanager>cd project

C:\Users\krishanu\Desktop\bothends\MeanStack-taskmanager\project>cd contactlist

C:\Users\krishanu\Desktop\bothends\MeanStack-taskmanager\project\contactlist>cd client

C:\Users\krishanu\Desktop\bothends\MeanStack-taskmanager\project\contactlist\client>npm install
[          ..........] - extract:wrappy: sill tarball trying faye-websocket@0.11.3 by hash: sha512-D2y4bovYpzziGgbHYtGCMj
```

Now your web app is up and running at localhost:4200

After a series of compilations you should see

```
chunk {main} main.js, main.js.map (main) 42.3 kB [initial] [rendered]
chunk {polyfills} polyfills.js, polyfills.js.map (polyfills) 141 kB [initial] [rendered]
chunk {runtime} runtime.js, runtime.js.map (runtime) 6.15 kB [entry] [rendered]
chunk {scripts} scripts.js, scripts.js.map (scripts) 146 kB [entry] [rendered]
chunk {styles} styles.js, styles.js.map (styles) 1010 kB [initial] [rendered]
chunk {vendor} vendor.js, vendor.js.map (vendor) 3.49 MB [initial] [rendered]
Date: 2020-05-29T07:46:27.868Z - Hash: e6c4ba8964ac9350a8e3 - Time: 46561ms
** Angular Live Development Server is listening on localhost:4200, open your browser on http://localhost:4200/ **
: Compiled successfully.
```

Goto localhost:4200 in browser
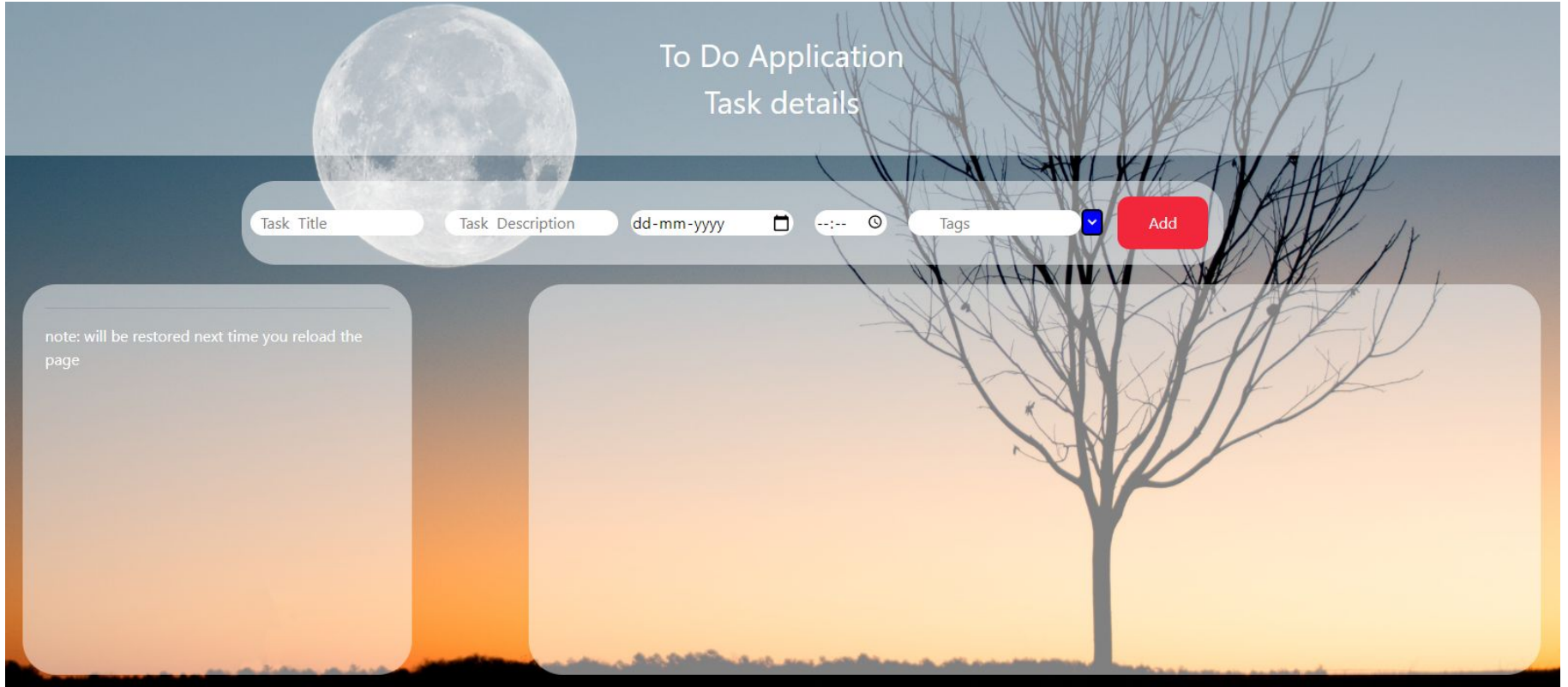
Le tour de functionality

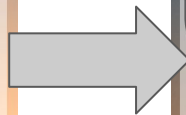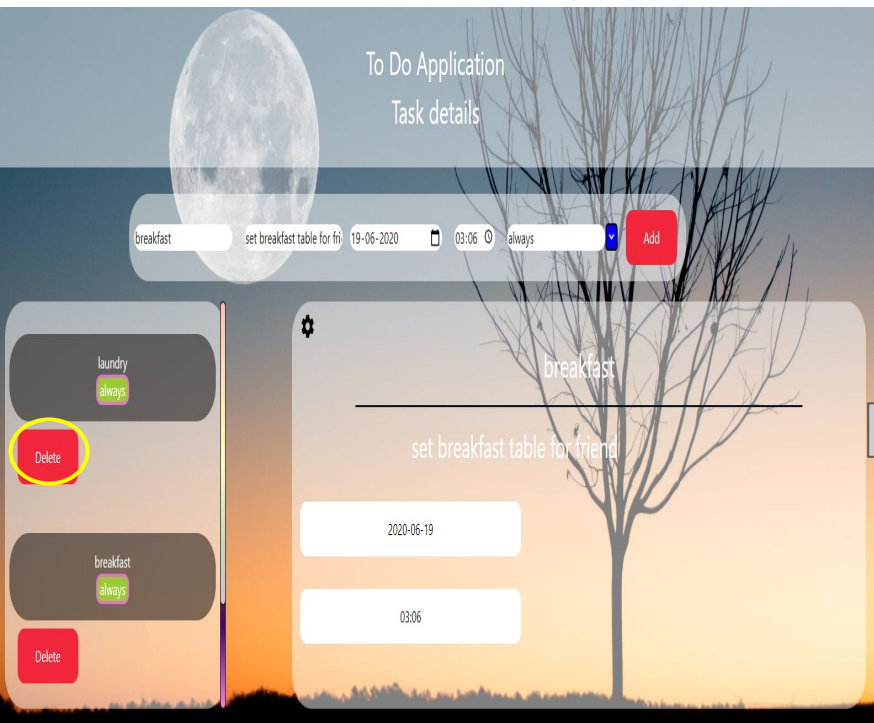# Input fields and add button

View the tasks

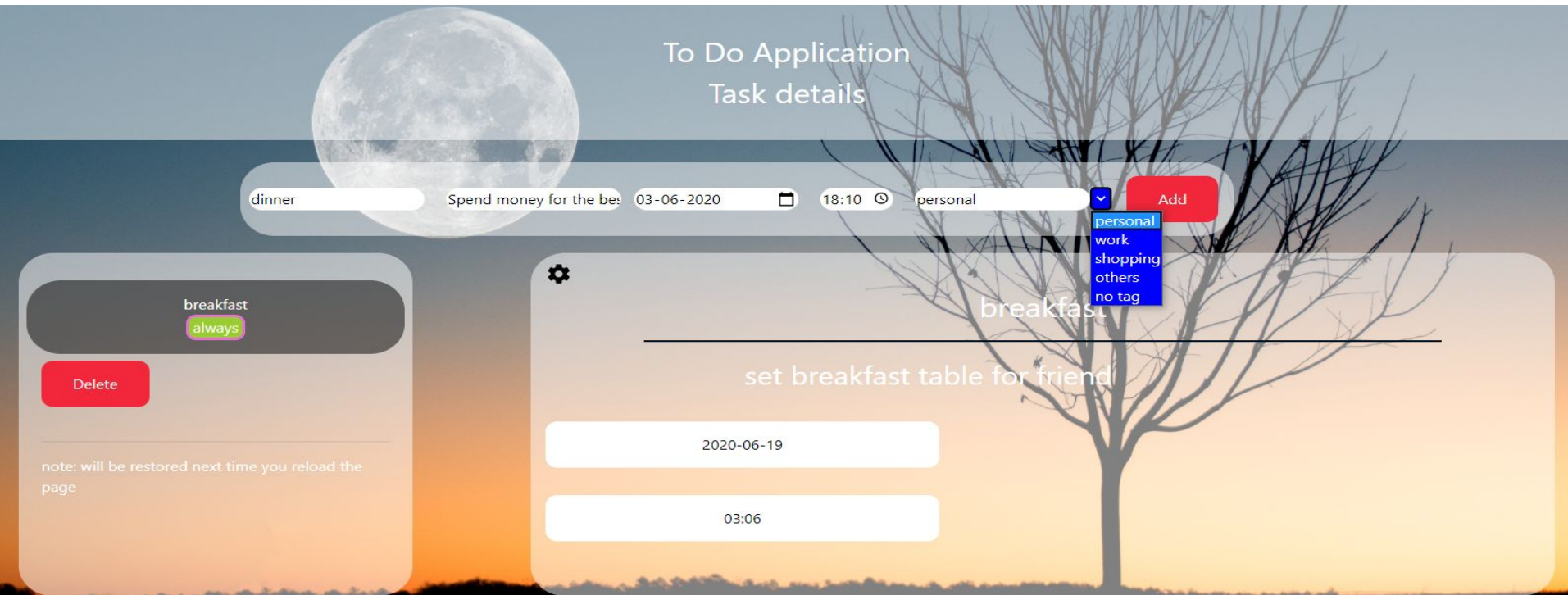Click on the required task in the left panel(blue).
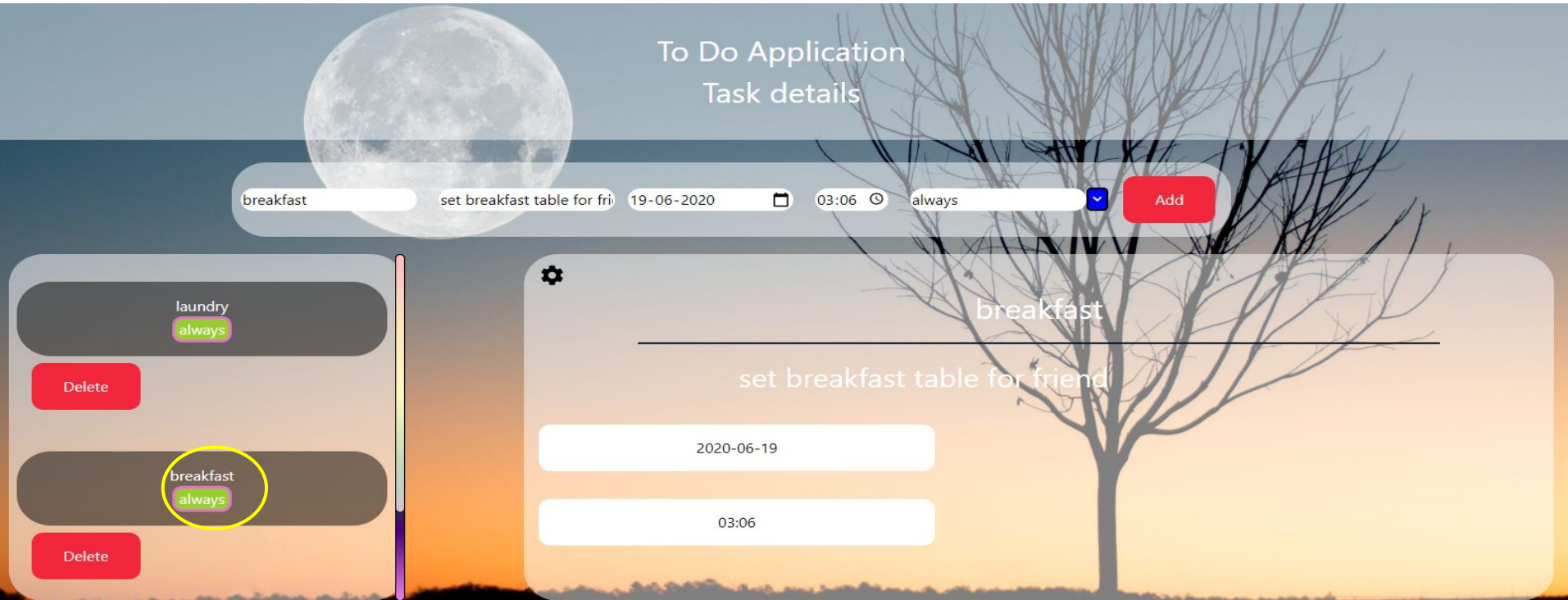
Delete

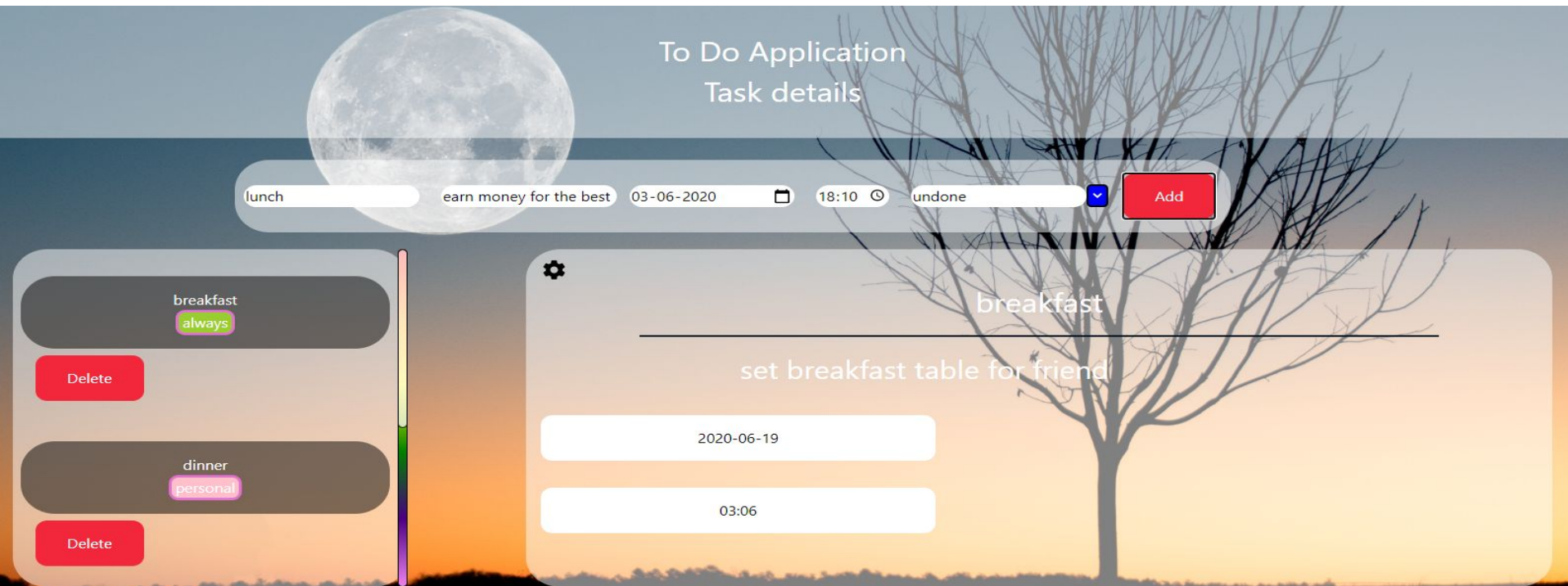Click on delete button below task name

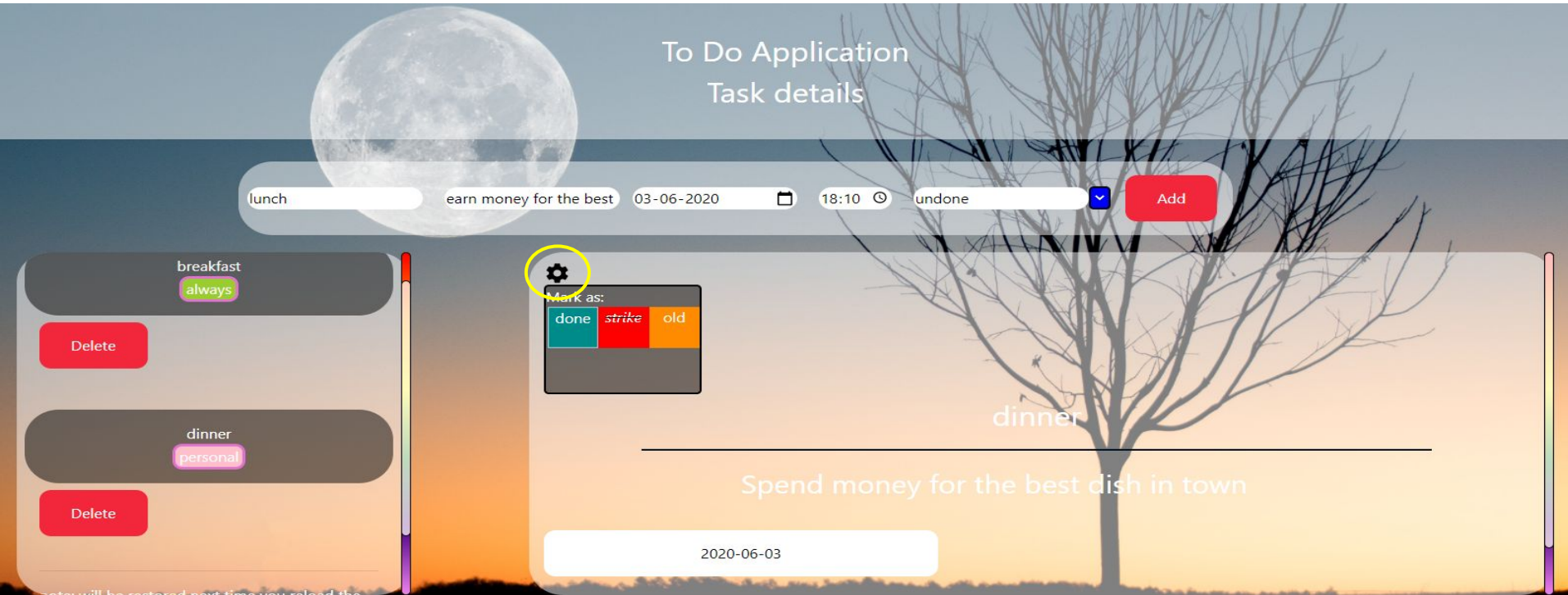# labels

We can both type custom labels or select from list

Additional on labels

Different labels have different colors

"Note Status"

We can choose from, *completed / strikethrough / old* , categories.

Marking as *done*

Restore to revert previous change

We observe a "restore" button pops over
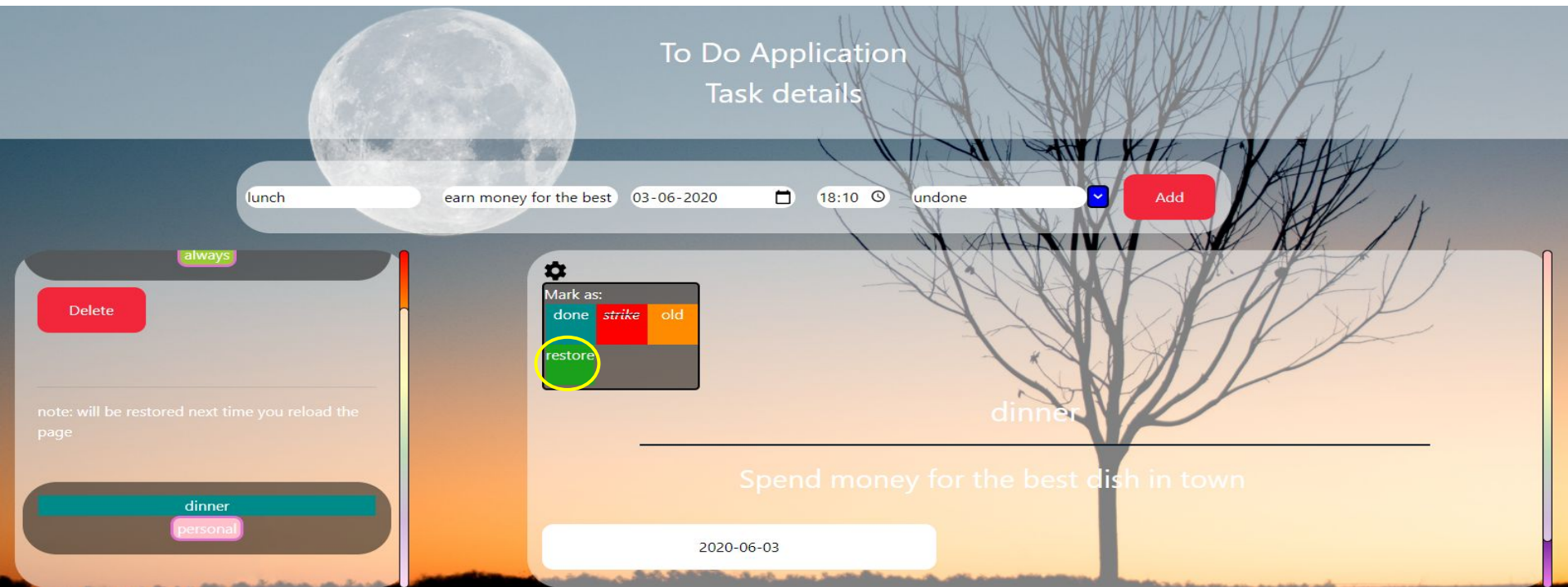
That's it.

Thank you for reading!

Have a Nice Day!

From team: BothEnds