

## Student information :

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Name

ID

Abdelrhman Yasser Mohamed

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Ahmed Ashraf Ebrahim

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# TO DO LIST (backend)

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## Description :

Main core of back end for to do list based on Jason files which acts as data base for users' data , it's coded with node.js system and libraries .

## LIBRARIES INCLUDED :

- 1) EXPRESS
- 2) ESPRESS-SESSION
- 3) BODY-PARSER

## Main page for registration :



GET STARTED

## MAIN REQUESTS :

### 1) /signup request :

Which is send to server when a user tries to sign up for new email a form appears for user to enters his email , his name and his password to be used in the future .



NAME

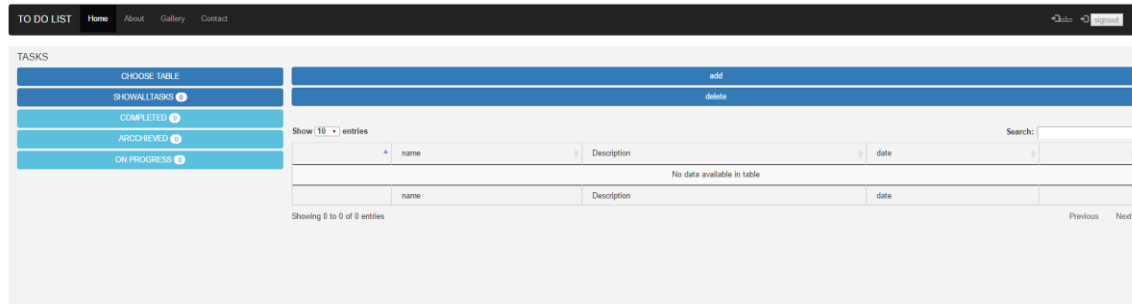
Email

PASSWORD ( at least one number, one lowercase and one uppercase letter and at least six characters that are letters, numbers or the underscore)

SIGN UP

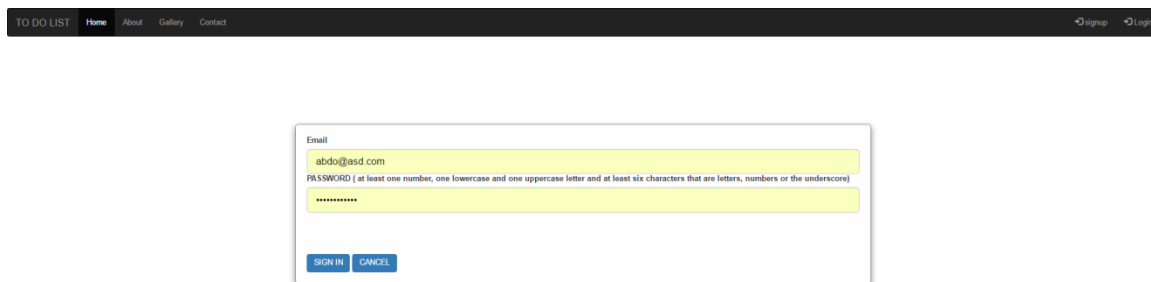
CANCEL

GET STARTED



## 2) /login request :

Which is send to server when an already registered user is trying to login a form appears for user to enter his email password and if his data is true he is redirected to main page which includes his data.



## 3) /save request :

GET STARTED

Which is send to server with every change done by user in his version of the website it's use is to store modified version of his data.

## 4) /signout request :

Which is send to server when the user wants to log out of the site so he's directed to main page or registration .

## 5) /acquiredata request:

Which is send to server when javascript demands data for user defined by his session .

## Multi user handling :

Multi user is handled using session library wher every version of user on his signup or login took an email session and password session to manage different users in same time .

Verifications of user validity:

*In registration form or sign up form an email and a password is checked for valid form using regex and in signup email is checked for non-duplicity while in login email and password is checked by searching for email and password match in users' data.*

THANKS :

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