**Phase 2 report**

1. **How the code is organized :**

The code is divided into 3 main files.

* First one is the node.js file which contains the server side .It contains get and post methods and all movement between pages.
* Second one is consisting of 2 html files one for login page and another one for register one.
* Third one is a JavaScript and containing some jQuery and Ajax functions to handle JSON files.

1. **Main functions :**

* **Node js:** contains the server , get and post methods where I read and write Json files used to save users data and all created accounts.
* **JS:** I used in it **jQuery** to load saved JSON files which contain user tasks .Each user has a JSON file containing his arrays of tasks.  
  I used also **Ajax** to send this arrays to server to save them in user’s JSON file.
* **JSON files:** I made 2 files.

One containing register information of users (E-Mail, username, and password).

The second containing each user tasks (1 file for each user).

* For login page there is a function to make sure that this user has already an account.
* For register page there is a function to make sure of entered data (mail should be in suitable format , user name should only contain letters and isn’t empty , password should be at least 5 char)

1. **How the work is divided:**

Ragui : Node.js and JS.  
Karim :All style and CSS.