## **Server Document**

(۱) فرمت results به صورت json می باشد و تمامی کلماتی که در "" قرار دارند به عنوان key هستند. در صورتی که value آنها فقط یک کلمه باشد از نوشتن آن خودداری شده، در غیر این صورت فرمت value نوشته شده است.

۲) در صورتی که client بخواهد تاریخی را به سرور بفرستد باید سال، ماه و روز را جداگانه بفرستد ( 'year-month-day'') به year,month,day ). سرور تاریخ را به صورت یک رشته با این فرمت ( client می فرستد.

| Page name | Address     | Info that client sends                | Info that server sends back   | description   |
|-----------|-------------|---------------------------------------|---|---|
| Register  | Ip/register | All the fields<br>in register<br>page | Results {"successful" : (True or False), "user_info": [{"username", "name", "password" }], "projects": [{"projectID", "projectName", "managerName", "managerUser", "project_info", "progress" }] }      | The length of list of "projects" can be more than 1(there is more than 1 project for this user) |
| Login     | Ip/login    | username<br>and<br>password           | Results {"successful" : (True or False), "user_info" : [{"username", "name", "password" }], "projects" : [ { "projectID", "projectName", "managerName", "managerUser", "project_info", "progress" } ] } | The length of list of "projects" can be more than 1(there is more than 1 project for this user) |

|                  |                  |  |  | password is incorrect   |
|------------------|------------------|--|--|---|
| Profile          | lp/view_profile  | username   | Results { "projects" : [ {"projectID" , "projectName" , "managerName" , "managerUser" , "project_info" , "progress" } ] }  | The length of list of "projects" can be more than 1(there is more than 1 project for this user)                         |
| Project info     | lp/projectInfo   | projectID  | Results { "successful", "projectInfo" : [     { "projectID" , "projectName" ,     "managerName" , "managerUser" ,     "project_info" ,     "progress", "pDeadline" } ] } |   |
| Project<br>users | Ip/project_users | projectID  | Results { "successful", "project_users"<br>: [ { "username", "name" , "password"<br>} ] }  | The length of list of<br>"project_users" can<br>be more than 1  |
| Project tasks    | Ip/project_tasks | projectID  | Results { "successful", "project_tasks" : [ {"taskID", "taskName" } ] }  | The length of list of<br>"project_tasks" can be<br>more than 1  |
| Task info        | Ip/taskInfo      | taskID   | Results { "successful", "taskInfo" : [ {     "taskID", "taskName", "task_info",     "username", "projectID", "deadline"     , "status" } ] }                             | Status="1": doing Status="2": done by user Status="3": accepted by manager  |
| Add<br>member    | lp/addMember     | username,pr<br>ojectID   | Results {"successful"}   | If successful="False" - → if error='1': username is already added to this project If error='2': username doesn't exist. |
| addTask          | Ip/addTask       | username,<br>projectID,<br>taskName,<br>task_info,<br>deadline | Results{"successful"}  | If successful='False'- → if error='1': username doesn't exist If error='2': username isn't added to this project        |
| addProject       | lp/addProject    | username,<br>projectName,<br>project_info,<br>pDeadline        | Results{"successful"}  |   |