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). سرور تاریخ را به صورت یک رشته با این فرمت (''year-month-day'') به client می فرستد.

Page name	Address	Info that client sends	Info that server sends back	description
Register	Ip/register	All the fields in register page	Results { **"successful"** , **"user_info"**:{"username" , "password" , "name"}}	If successful="False"- → if error="exist" : username exist ---------------------------

Login	Ip/login	username and password	Results { "**successful**" , "**user_info**":{"username" , "password" , "name"}}	If successful="False" - → if error="incorrect" : the username or password is incorrect
Profile	Ip/view_profile	username	Results { "**projects**" : [{"projectID" , "projectName" } , [list of user tasks in this project -→ "**tasks**": [{ "taskName" , "taskID" }]] }	The length of list of "projects" can be more than 1(there is more than 1 project for this user) -------------------------- The value of "projects" is a list including all user's projects and her/his tasks in that project. -------------------------- The length of list of "tasks" can be more than 1(there is more than 1 task for this user in this project)
Project all info	Ip/project_all	projectID	Results { "**successful**", "**projectInfo**" : { "projectID" , "projectName" , "managerName" , "managerUser" , "project_info" , "progress","pDeadline" } , "**project_users**" : [{ "username", "name" , "password" }] , "**project_tasks**" : [{"taskID", "taskName","task_info" , "username" , "projectID" , "deadline" , "status" }] }	The length of list of "project_users" can be more than 1 --------------------------- The length of list of "project_tasks" can be more than 1
Task info	Ip/taskInfo	taskID	Results { "**successful**", "**taskInfo**" : { "taskID","taskName" ,	Status="1" : doing ------------------------ Status="2" : done by

			"task_info" , "username" , "projectID" , "deadline" , "status" } }	user -------------------------- Status="3" : accepted by manager
Add member	Ip/addMember	username,projectID	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, projectID, taskName, task_info, deadline	Results{"**successful**"}	If successful='False'-→ if error='1' : username doesn't exist. ------------------------ If error='2' : username isn't added to this project
addProject	Ip/addProject	username, projectName, project_info, pDeadline	Results{"**successful**"}	
Delete a project	Ip/deleteProject	projectID	Results{"**Successful**"}	
Edit project	Ip/editProject	projectID,projectName,project_info,pDeadline	Results{"**successful**"}	
Edit Task	Ip/editTask	taskID,username,taskName,task_info,deadline, projectID	Results{"**Successful**"}	If "successful"="false"-→if "error"='1' : this username is not a member of this project
Delete member	Ip/deleteMember	projectID,username	Results{"**successful**"}	
Delete task	Ip/deleteTask	taskID	Results {"**successful**"}	
Change status	Ip/changeStatus	projectID,taskID,status	Results{"**successful**"}	
Change password	Ip/changePassword	Username,password	Results{"**successful**"}	
Delete account	Ip/deleteAccount	Username	Results{"**successful**"}	

Add reg_id to server database	Ip/gcmDatabase	username, reg_id	Results{"**successful**"}	
Sign out	Ip/signOut	username, reg_id	Results{"**successful**"}	
Project users	Ip/project_users	projectID	Results{"**successful**" , "**project_users**" : : [{ "username", "name" } }	

بخش notification

Notification	data	Description
Send notif to manager when a user done his/her task	{"**message**" , "**msg_type**" : '1', "**task_info**" :{ "taskID" , "projectID" , "managerUser" , "username" , "deadline" , "status" , "taskName"}}	"msg_type"='1' → it means by clicking on this notification, task_info page must be shown --- "Task_info" contains all info about task
Send notif to user when he/she added to a project as a member	{"**message**" , "**msg_type**" : '2'}	"msg_type"='2' → it means by clicking on this notification, home page is shown to user with a message saying that he/she is added to a project
Send notif to user when a task is given to him	{"**message**" , "**msg_type**" : '3' , "**task_info**": {"taskID" , "projectID"}}	"msg_type"='3' → it means by clicking on this notification,
Send notif to user and manager when a task deadline is over	{"**message**" , "**msg_type**" : '1', "**task_info**" :{ "taskID" , "projectID" , "managerUser" , "username" , "deadline" , "status" , "taskName"}}	
Send notif to all members of a project when its deadline is over	{"**message**" , "**msg_type**" : '4'}	"msg_type"='4' → it means by clicking on this notification, home page is shown to user with a message saying that the project deadline is over