

REST Specification Coffee

User Service

Name	Input	Return value	Description	Request
/users		Array<User>	Get all users	GET
/users	User	String	Create new user	POST
/users		String	Delete user	DELETE
/users/{user_id}/edit	User	String	Change user	POST

Project Service

Name	Input	Return value	Description	Request
/projects	Project	String	Create new project	POST
/projects/{project_id}/edit	Project	String	Update project	POST
/projects	Username, Password	Array<Project>	Return all projects with which a user is associated	GET
/projects/{project_id}		String	Delete project	DELETE

Requirement Service

Name	Input	Return value	Description	Request
/reqs/{project_id}	Requirement	String	Create new requirement	POST
/reqs/{project_id}/edit	Requirement	String	Update requirement	POST
/reqs/{project_id}		Array<Requirement>	Return all requirements of a project	GET
/reqs/{project_id}		String	Delete requirement	DELETE

Task Service

Name	Input	Return value	Description	Request
/tasks	Task	String	Create new task	POST
/tasks/{req_id}/edit	Task	String	Data of task is updated	POST
/tasks/{req_id}		Array<Task>	Return all tasks associated with a requirement	GET
/tasks{req_id}		String	Delete task	DELETE

Sprint Service

Name	Input	Return value	Description	Request
/sprints	Sprint	String	Starts a new sprint	POST
/sprints/{project_id}		Sprint	Returns current sprint of project	GET
/sprints/{project_id}/close		String	Closes the current sprint of project	POST

Comments:

- “String” means that the return value is a JSON-String with the key “Message” and the value “OK” if the request could be proceeded successfully or the error message if not
- “User”, “Project”, “Task”, “Requirements” and “Sprint” are JSON-Objects with all fields of the respective database entity(which you can find in the database schema)