AWeb - Grupo 24

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Frontend Handlers

Microservices		Request			Response Object
		URI	HTTP Call	HTTP body	
FrontEnd	*Manager User Profile*	/user/create/	POST	JSON String: name, password, email, country, username, phone number, role	Creates an User Profile Account
		/user/	GET	empty	Get list of users
		/user/verifyIdentity/	PUT	JSON String: name, password	Logs User into the system
		/user/:id/logout/	GET	empty	Logs out current User in session
		/user/:id/	GET	empty	Get user by id

		/user/:id/update/	PUT	JSON String: name, password, email, country, username, phone number, role	Update the user profile Account
		/user/:id/delete/	DELETE	empty	Delete a user profile Account
	Manage Works	/work/	GET	empty	Show list of available works
		/work/create/	POST	JSON String: name, description	Create a work
		/work/:id/update/	PUT	JSON String: name, description	Add or update a work
		/work/:id/delete/	DELETE	empty	Delete work from list

		/work/:id/	GET	empty	Show details of a work
	Building	/building/	GET	empty	Show list of current and past buildings
		/building/create/	POST	JSON String: name, address, gps coordinates, description	Add new building to list
		/building/:id/update/	PUT	JSON String: name, address, gps coordinates, description	Update a building
		/building/:id/work/addWorToBuilding/	PUT	JSON String: work	Add a work to a building
		/building/:id/work/	GET	empty	Get list of building works
		/building/:id/work/:work_id/delete/	DELETE	empty	Delete a work from a building

		/building/:id/delete/	DELETE	empty	Delete building from list
		/building/:id/	GET	empty	Show details of a building
	Project (Maintenance Works)	/project/	GET	empty	Show list of current and past projects
		/project/:id/	GET	empty	Show details of a project's building name services, status, ID, description, dates, contractors, buildings, problems, comments, decisions
		/project/create/	POST	JSON String: name, status, dates, contractors, buildings, problems, comments, decisions, budget	Add new project to list of projects

		/project/:id/update/	PUT	JSON String: status, start date, end date, budget, decisions	Add or update a project's status, dates or budget
		/project/:id/contractor/:contractorId/addContractorToProject/	PUT	JSON String: contractor	Add or update a project's contractors
		/project/:id/contractor/	GET	empty	Return a list of the project's contractors
		/project/:id/contractor/:contractorId/deleteContractorFromproject/	DELETE	empty	Delete the contract from the project's contractors list
		/project/:id/building/:buildingId/addBuildingToProject/	PUT	JSON String: building	Add or update a project's buildings
		/project/:id/building/	GET	empty	Return a list of the project's buildings
		/project/:id/building/:buildingId/deleteBuildingFromProject/	DELETE	empty	Delete the contract from the project's buildings' list

		/project/:id/problem/:problemId/addProblemToProject/	PUT	JSON String: problems	Add or update a project's problems
		/project/:id/problem/	GET	empty	Return a list of the project's problems
		/project/:id/comment/:commentId/addCommentToProject/	PUT	JSON String: comments	Add or update a project's comments
		/project/:id/comment/	GET	empty	Return a list of the project's comments
		/project/:id/delete/	DELETE	empty	Delete a project
	Contractors/ Subcontractors	/contractor/	GET	empty	Give list of all currently or formerly employed contractors
		/contractor/:id/	GET	empty	Give the information regarding a specific contractor

		/contractor/create/	POST	JSON String: name, status, current project name, phone number	Create a contractor (if one is hired or possibly becoming attached to a specific project)
		/contractor/:id/pastExp/updateContractorProjects/	PUT	JSON String: past experience	Update contractors' past experience
		/contractor/:id/update/	PUT	JSON String: name, status, current project name, phone number	Add or update a contractor's information (e.i. Contractor fired)
		/contractor/:id/delete/	DELETE	empty	Delete a contractor
	Problems	/problem/	GET	empty	Get list of problems
		/problem/:id/	GET	empty	Get problem by id
		/problem/create/	POST	JSON String: Title, Description, Project name	Create a new Problem

		/problem/:id/update/	PUT	JSON String: Title, Description, , Project name	Update an existing problem
		/problem/:id/delete/	DELETE	empty	Delete a problem
	Comments	/comment/	GET	empty	Get list of comments
		/comment/:id/responses/	GET	empty	Get list of responses of comment by id
		/comment/:id/	GET	empty	Get comment by id
		/comment/create/	POST	JSON String: Title, Description, Project name	Create a new comment
		/comment/:id/update/	PUT	JSON String: Title, Description, Project name	Update an existing comment

		/comment/:id/delete/	DELETE	empty	Delete a comment
	Responses	/response/	GET	empty	Get list of responses
		/response/:id/	GET	empty	Get response by id
		/response/:id/responses/	GET	empty	Get list of responses of response by id
		/response/create/	POST	JSON String: Title, Description, Project name	Create a new response
		/response/:id/update/	PUT	JSON String: Title, Description, Project name	Update an existing response

		/response/:id/delete/	DELETE	empty	Delete response
BackEnd	*Manager User Profile*	/user/	POST	JSON String: name, password, email, country, username, phone number, role	Creates an User Profile Account
		/user/:id/	PUT	JSON String: name, password, email, country, username, phone number, role	Update the user profile Account
		/user/:id/	DELETE	empty	Delete a user profile Account
	Manage Works	/work/	POST	JSON String: name, description	Create a work
		/work/:id/	PUT	JSON String: name, description	Add or update a work

		/work/:id/	DELETE	empty	Delete work from list
	Building	/building/	POST	JSON String: name, address, gps coordinates, description	Add new building to list
		/building/:id/	PUT	JSON String: name, address, gps coordinates, description	Update a building
		/building/:id/work/	PUT	JSON String: work	Add a work to a building
		/building/:id/work/:work_id	DELETE	empty	Delete a work from a building
		/building/:id/	DELETE	empty	Delete building from list
	Project (Maintenance Works)	/project/	POST	JSON String: name, status, dates, contractors, buildings,	Add new project to list of projects

				problems, comments, decisions, budget	
		/project/:id/	PUT	JSON String: status, start date, end date, budget, decisions	Add or update a project's status, dates or budget
		/project/:id/contractor/:contractorId	PUT	JSON String: contractor	Add or update a project's contractors
		/project/:id/contractor/:contractorId	DELETE	empty	Delete the contract from the project's contractors list
		/project/:id/building/:buildingId	PUT	JSON String: building	Add or update a project's buildings
		/project/:id/building/:buildingId	DELETE	empty	Delete the contract from the project's buildings' list
		/project/:id/problem/:problemId	PUT	JSON String: problems	Add or update a project's problems

		/project/:id/comment/:commentId	PUT	JSON String: comments	Add or update a project's comments
		/project/:id/	DELETE	empty	Delete a project
	Contractors/ Subcontractors	/contractor/	POST	JSON String: name, status, current project name, phone number	Create a contractor (if one is hired or possibly becoming attached to a specific project)
		/contractor/:id/pastExp/	PUT	JSON String: past experience	Update contractors' past experience
		/contractor/:id/	PUT	JSON String: name, status, current project name, phone number	Add or update a contractor's information (e.i. Contractor fired)
		/contractor/:id/	DELETE	empty	Delete a contractor
	Problems	/problem/	POST	JSON String: Title, Description, Project name	Create a new Problem

		/problem/:id/	PUT	JSON String: Title, Description, , Project name	Update an existing problem
		/problem/:id/	DELETE	empty	Delete a problem
	Comments	/comment/	POST	JSON String: Title, Description, Project name	Create a new comment
		/comment/:id/	PUT	JSON String: Title, Description, Project name	Update an existing comment
		/comment/:id/	DELETE	empty	Delete a comment
	Responses	/response/	POST	JSON String: Title, Description, Project name	Create a new response
		/response/:id/	PUT	JSON String: Title, Description, Project name	Update an existing response

		/response/:id/	DELETE	empty	Delete response