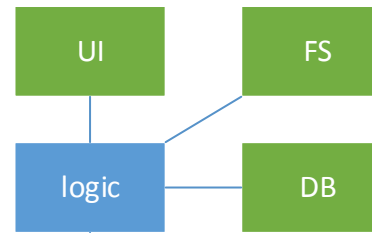**Übersicht Funktionen Logik (ohne GetSite Komponente)**

Grün: funktioniert
Rot: fehlerhaft
Syntax: METHODE [REQUESTBODY] >> FUNKTION {URL} : [RESPONSEBODY]
Beispiel: GET [] >> getUser {/user/:userid} : [user]
Bedeutung: GET an „/user/user/2" (Prefix + URL) liefert einen user im response body

UI

FS

logic

DB

LUser - Prefix: /user

GET [] >> getUser {/user/:userid} : [user]
GET [] >> getUsers {/user} : [user*]
POST [user] >> addUser {} : []
PUT [user] >> editUser {/user/:userid} : []
PUT [coursestatus] >> setUserRights {/user/:userid/right} : [] - Fkt. auch in addCourseMember

LCourse - Prefix: /course

GET [] >> getCourses {/user/:userid} : [course*]
GET [] >> getCourseMember {/course/:courseid/user} : [user*]
PUT [course] >> editCourse {/course/:courseid} : []
DELETE [] >> deleteCourse {/course/:courseid} : []
POST [course] >> addCourse {} : []
POST [] >> addCourseMember {/course/:courseid/user/:userid/status/:status} : []

LExercise - Prefix: /exercise   änderungen ralf ???

GET [] >> getExercise {/exercise/:exerciseid} : [exercise]
PUT [exercise] >> editExercise {/exercise/:exerciseid} : []
POST [exercise*] >> addExercise {} : []
DELETE [] >> deleteExercise {exercise/:exerciseid} : []

LCondition - Prefix: /condition

POST [approvalcondition] >> setConditions {/condition} : []
PUT [approvalcondition] >> editConditions {/condition/course/:courseid} : []
checkConditions - Rückgabewert? Struktur? Funktionalität in GetSite?

LGroup - Prefix: /group

GET [] >> getGroup {/user/:userid/exercisesheet/:sheetid} : [group]
POST [invitation*] >> inviteInGroup {} --> Get Invitation liefert Group...wie sieht Invitation aus?
PUT [invitation] >> joinGroup {/accept}
PUT [group] >> leaveGroup [/user/:userid/leave}

LAttachment - Prefix: /attachment

GET [] >> getAttachment {/attachment/attachmentid} : [attachment]
POST [attachment] >> addAttachment {} : []
DELETE [] >> deleteAttachment {/attachment/:attachmentid} : []
PUT [attachment] >> editAttachment {/attachment/:attachmentid} : []

LExerciseType - Prefix: /exercisetype

GET [] >> getAllTypes {} : [exercisetype*]
GET [] >> getType {/exercisetype/:typeid} : [exercisetype]
POST [exercisetype*] >> {} : [exercisetype*]
PUT [exercisetype] >> {/exercisetype/:typeid} : []
DELETE [] >> {/exercisetype/:typeid} : []

LExerciseSheet - Prefix: /exercisesheet

GET [] >> getExerciseSheet {/exercisesheet/:sheetid} : [exercisesheet]
GET [] >> getExerciseSheetURL {/exercisesheet/:sheetid/url} : [file]
DELETE [] >> deleteExerciseSheet {/exercisesheet/:sheetid} : []
editExerciseSheet
addExerciseSheet - änderungen ralf???

LSubmission - Prefix: /submission

POST [submission] >> addSubmission {} : []
PUT [submission] >> editSubmission {/submission/:submissionid} : []
GET [] >> getSubmissionFile {/submission/:submissionid} : [file]
DELETE [] >> DeleteSubmission {/submission/:submissionid} : [] -DB-Eintra gelöscht, File aus DBFile und FS evtl. nicht
GET [] >> getSubmissionAsZip {/exercisesheet/:sheetid/user/:userid}

LTutor - Prefix: /tutor

POST [allocation] >> autoAllocateByExercise {/auto/exercise/course/:courseid/exercisesheet/:sheetid} : []
POST [allocation] >> autoAllocateByGroup {/auto/group/course/:courseid/exercisesheet/:sheetid} : []
POST [file] >> uploadZip {/user/:userid/exercisesheet/:sheetid} : []
GET [] >> getZip {/user/:userid/exercisesheet/:sheetid} : [file]