

This document specifies the interface to the DGB web application:

Standard interface implemented in Assignment #3 (for references only):

Form	Method	Purpose
/student	GET	To look up all students
/student/<name>	GET	To look up a student
	DELETE	To remove a student
/student/<name>/grade/<grade>	PUT/POST	To add a student and his/her grade or update a students' grade

Standard interface required for the DGB assignment:

Form	Method	Purpose
/gradebook	GET	Display all gradebooks (primary or secondary) on the current server (title and id only)
/gradebook/<name>	PUT/POST	To create a primary gradebook
/gradebook/<id>		To remove a primary gradebook and any secondary copy. This command has to be run on the primary server.
	DELETE	
	PUT/POST	To create a secondary copy (not allowed on primary server)
		To remove a secondary copy (only allowed on the secondary server)
/secondary/<id>	DELETE	
/gradebook/<id>/student	GET	To look up all students in a gradebook (allowed on either primary or secondary server)
/gradebook/<id>/student/<name>	GET	To look up a student in a gradebook (allowed on primary

		or secondary)
	DELETE	To remove a student from a gradebook (primary only) and update the secondary if any
/gradebook/<id>/student/<name>/grade/<grade>	PUT/POST	To add a student and his/her grade or update a student's grade in a gradebook (primary only) and update the secondary copy if any