

CherryPy Command Chart  
Grace Kopp and Matthew Fabian

Command	Resource	Input Example	Output Example	API Functions
GET	/classes/		{“classes” : [{ “name” : “Accountancy”, “prof” : “Prof. Kumar”, “students” : [1,2,3,4], “point_goal” : 50}, ...], “result” : “success”}	get_professor(c id) get_class(cid) get_goal(cid) get_students(ci d)
POST	/classes/	{ “name” : “Accountancy”, “prof” : “Prof. Kumar”, “students” : [1,2,3,4], “point_goal” : 50}	{“result” : “success”, “CID” : 1}	add_class(class s_info)
DELETE	/classes/		{“result” : “success”}	reset_classes()
GET	/classes/:cid		{ “name” : “Accountancy”, “prof” : “Prof. Kumar”, “students” : [1,2,3,4], “point_goal” : 50, “CID” : 1}	get_professor(c id) get_class(cid) get_goal(cid) get_students(ci d)
PUT	/classes/:cid	{ “name” : “Accountancy”, “prof” : “Prof. Kumar”, “students” : [1,2,3,4], “point_goal” : 50}	{“result” : “success”, “CID” : 1}	add_class(class s_info)
DELETE	/classes/:cid		{“result” : “success”}	delete_class(ci d)
GET	/students/		{“entries” : [“sid” : “1”, “Student” : [“Matthew Fabian”, [{‘0’: ‘20’}, {‘1’: ‘11’},	get_student(sid ) get_points(sid, cid)

			{'2': '4'}, {'3': '34'}]], ...], "result" : "success"}	
POST	/students/	{"sid" : "1", "Student" : ["Matthew Fabian", [{'0': '20'}, {'1': '11'}, {'2': '4'}, {'3': '34'}]] }	{"result" : "success"}	add_student(st udent_info)
DELETE	/students/		{"result" : "success"}	reset_students( )
GET	/students/:sid		{ "sid" : "1", "Student" : ["Matthew Fabian", [{'0': '20'}, {'1': '11'}, {'2': '4'}, {'3': '34'}]], "result" : "success" }	get_student(sid )
PUT	/students/:sid	{"Student" : ["Matthew Fabian", [{'0': '20'}, {'1': '11'}, {'2': '4'}, {'3': '34'}]] }	{"result" : "success"}	
DELETE	/students/:sid		{"result" : "success"}	
GET	/students/:sid/:cid		{ "cid" : "0", "value" : "20", "result" : "success" }	get_points(sid, cid)
PUT	/students/:sid/:cid	{'0': '20'}	{"result" : "success"}	set_points(sid, cid, points)
DELETE	/students/:sid/:cid		{"result" : "success"}	delete_from_cl ass(sid, cid)
GET	/images/		{"entries": [{"sid": "1", url: "example.com",...}], "result": "success"}	get_image(sid)
POST	/images/	{"sid": "1",	{"result": "success"}	upload_image(

		url: "example.com"}		sid)
DELETE	/images/		{"result: "success"}	clear_images()
GET	/images/:sid		"sid": "1", url: "example.com"	get_image(sid)
PUT	/images/:sid	{"url": "example.com"}	{"result: "success"}	upload_image( sid)
DELETE	/images/:sid		{"result: "success"}	delete_image(s id)