

Requirements Traceability Matrix							
COMS3-MISIS							
Business Requirement ID	Business Requirement	Business Requirements Requestor	Functional Requirement ID	Functional Requirement / Use Case	Test Strategy	Execution Status	Comments
BR_1	Authentication Module	Richard Klein	FR_1	Allow admin user access	Unit tests and functionality user testing	pass	tested - working
			FR_2	Allow standard user access	Unit tests and functionality user testing	pass	tested - working
			FR_3	Deny access to unauthorized users	Unit tests and functionality user testing	pass	tested - working
BR_2	Enrollment Module	Richard Klein	FR_4	List enrollements	Unit tests and functionality user testing	pass	tested - working
			FR_5	Filter enrollments by course	Unit tests and functionality user testing	pass	tested - working
			FR_6	Search for specific enrollments	Unit tests and functionality user testing	pass	tested - working
			FR_7	Add new enrollments	Unit tests and functionality user testing	pass	tested - working
			FR_8	Edit selected enrollment	Unit tests and functionality user testing	pass	tested - working
			FR_9	Delete selected enrollment	Unit tests and functionality user testing	pass	tested - working
			FR_10	View selected enrollment details	Unit tests and functionality user testing	pass	tested - working
BR_3	Courses Module	Richard Klein	FR_11	List courses	Unit tests and functionality user testing	pass	tested - working
			FR_12	Search for specific course	Unit tests and functionality user testing	pass	tested - working
			FR_13	Add new course	Unit tests and functionality user testing	pass	tested - working
			FR_14	Edit selected course	Unit tests and functionality user testing	pass	tested - working
			FR_15	Delete selected course	Unit tests and functionality user testing	pass	tested - working
			FR_16	View selected couse details	Unit tests and functionality user testing	pass	tested - working
BR_4	Retreive Data Module	Richard Klein	FR_17	Obtain data from Wits Virtus system and parse JSON to database	Unit tests and functionality user testing	pass	tested - working
BR_5	Moodle Courses Module	Richard Klein	FR_18	List Moodle courses	Unit tests and functionality user testing	pass	tested - working
			FR_19	List Moodle course categories	Unit tests and functionality user testing	pass	tested - working
			FR_20	Add courses based on Moodle course name and ID	Unit tests and functionality user testing	pass	tested - working
			FR_21	Add enrollments for multiple course codes at once	Unit tests and functionality user testing	pass	tested - working
BR_5	Moodle Courses Enrollment Module	Richard Klein	FR_22	Update Web API to delete enrollments that are no longer on Virtus	Unit tests and functionality user testing	pass	tested - working
			FR_23	Update enrollments automaticallly using cron	Unit tests and functionality user testing	pass	tested - working
			FR_24	Update course database table with new columns to hold synchronization frequency and last update value respectively	Unit tests and functionality user testing	pass	tested - working
			FR_25	Show the proposed addition when a course is updated	Unit tests and functionality user testing	pass	tested - working
			FR_26	Show the proposed deletion when a course is updated	Unit tests and functionality user testing	pass	tested - working
BR_6	CRON Enrollment Update Module	Richard Klein	FR_27	Automatically update course enrollments based on preset time increments	Unit tests and functionality user testing	pass	tested - working
BR_7	Log Module	Richard Klein	FR_28	Add functionality to log manual course enrollemnt additions	Unit tests and functionality user testing	pass	tested - working
			FR_29	Add functionality to log manual course enrollment deletions	Unit tests and functionality user testing	pass	tested - working
			FR_30	Add functionality to log automatic course enrollment additions	Unit tests and functionality user testing	pass	tested - working
			FR_31	Add functionality to log automatic course enrollment deletions	Unit tests and functionality user testing	pass	tested - working
			FR_32	Add functionality to log automatic course updates	Unit tests and functionality user testing	pass	tested - working