							How the seese	nattarna ara in	anlamented usin	r this table is so	fallows			
The required access patterns are as follows 1) CRUD on teacher, student and class 2) List teacher, student and class 3) Add student to class & add teacher to class 4) List all students in a class 5) List all classes taken by a teacher							How the access patterns are implemented using this table is as follows \$ Create student/eacher/class: Create entry st/tt/ct using ID and name. \$ Read student/eacher/class details: Simply put in #teacher/#student/#class as the hash key and the ID as the sort key to bring up the particular student/teacher/class \$ Add studnet to class or add class to teacher: Make an entry with classID/teacherID as the hash key and student/class: as the prefix of the sort key with the corresponding studentID/classID attached. Also make a GSI studentID/classID. \$ List student/teacher/class: Simply give the has key as #student/#teacher/#class without giving any sort key and all entries should be populated. \$ List all students in a class: Simply give the class ID as hashkey and the students who are enrolled in the class will show up.							
							\$ Update/Delete studentID/teach that entry as we \$ Update/Delete	on student/teach erID as sort key t II (s2). Then find on class: Use #	her: Update/Delete o update/delete (s the entry with tead class as hash key	:1/t1) one entry. T herID as hash ke and class ID as s	hen find the entrie y and update/dele ort key to update/	s with the corresp te all those entrie delete the entry (c	oding studentID (s as well. (t2)	GSI to update/dele
		Identifier	id			#0 - 1 1 F-1	update/delete a	l entries in (s2). l	Jse class ID (GSI)	to find all entries	in (t2) to update/o	lelete them.		-
	(s1)	#student (HashKey)	student::studentID (SortKey)	StudentName		//Crud and list student								
	(s2)	class::classID (HashKey)	student::studentID (SortKey)	student-class-id-gsi student::studentID (GSI)	StudentName and ClassName	//Enrolling a student to a class								
	(t1)	#teacher (HashKey)	teacher::teacherID (SortKey)	TeacherName		//Curd and list teacher								
	(t2)	teacher::teacherID (HashKey)	class::classID (SortKey)	teacher-class-id-gsi class::classID (GSI)	ClassName and TeacherName									
			class::classID			//Crud and list								