**Scripts**

*TEACHERS TABLE*

CREATE TABLE `cms`.`teachers` (

`t\_id` VARCHAR(11) NOT NULL,

`t\_name` VARCHAR(45) NULL,

`t\_phone` VARCHAR(45) NULL,

`t\_noOfClasses` INT NULL,

`t\_email` VARCHAR(45) NOT NULL,

`t\_password` VARCHAR(45) NOT NULL,

`t\_accountStatus` INT NULL,

PRIMARY KEY (`t\_id`));

*STUDENTS TABLE*

CREATE TABLE `cms`.`students` (

`s\_id` VARCHAR(9) NOT NULL,

`s\_name` VARCHAR(45) NULL,

`s\_email` VARCHAR(45) NULL,

`s\_password` VARCHAR(45) NOT NULL,

`s\_accountStatus` VARCHAR(45) NULL,

PRIMARY KEY (`s\_id`));

*ADMIN TABLE*

CREATE TABLE `cms`.`admin` (

`a\_id` VARCHAR(10) NOT NULL,

`a\_name` VARCHAR(45) NULL,

`a\_email` VARCHAR(45) NULL,

`a\_password` VARCHAR(45) NOT NULL,

PRIMARY KEY (`a\_id`));

*ClASSROOM TABLE*

CREATE TABLE `cms`.`classroom` (

`c\_id` VARCHAR(10) NOT NULL,

`c\_name` VARCHAR(45) NULL,

`t\_id` VARCHAR(11) NOT NULL,

`c\_noOfStudents` INT NULL,

`c\_creationDate` DATE NULL,

`c\_deletionDate` DATE NULL,

PRIMARY KEY (`c\_id`),

INDEX `t\_id\_idx` (`t\_id` ASC) VISIBLE,

CONSTRAINT `t\_id`

FOREIGN KEY (`t\_id`)

REFERENCES `cms`.`teachers` (`t\_id`)

ON DELETE CASCADE

ON UPDATE CASCADE);

*POSTS TABLE*

CREATE TABLE `cms`.`posts` (

`p\_number` INT NOT NULL AUTO\_INCREMENT,

`teacher\_id` VARCHAR(11) NOT NULL,

`classroom\_id` VARCHAR(10) NOT NULL,

`p\_msg` LONGTEXT NULL,

`p\_date` DATE NULL,

PRIMARY KEY (`p\_number`),

INDEX `t\_id\_idx` (`teacher\_id` ASC) VISIBLE,

INDEX `c\_id\_idx` (`classroom\_id` ASC) VISIBLE,

CONSTRAINT `teacher\_id`

FOREIGN KEY (`teacher\_id`)

REFERENCES `cms`.`teachers` (`t\_id`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `classroom\_id`

FOREIGN KEY (`classroom\_id`)

REFERENCES `cms`.`classroom` (`c\_id`)

ON DELETE CASCADE

ON UPDATE CASCADE);

*ClassName-ClassId* TABLE (Will be created on run time by the teacher)

CREATE TABLE `'web'-'ffpht'` (

`s\_id` varchar(9) NOT NULL,

`s\_name` varchar(45) DEFAULT NULL,

`marks` int DEFAULT NULL,

`enrolledStatus` int DEFAULT NULL,

PRIMARY KEY (`s\_id`),

CONSTRAINT `'web'-'ffpht'\_ibfk\_1` FOREIGN KEY (`s\_id`) REFERENCES `students` (`s\_id`) ON DELETE CASCADE ON UPDATE CASCADE)