Student

Student
-studentID : string
-name : string
-email : string
-phone : string
-pickupStop : string
-dropOffStop : string
-cardActive : bool
+registerForTransport() : void
+payFees() : void
+tapCard() : void

Association:

Student ---→ Bus

Bus

Bus
-busID : int
-routeNumber : int
-capacity : int
-stops : string[MAX]
+ assignStudentToStop(stop:string) : void
+recordAttendance(): void

Association:

Bus---→ Route

Route
-routeNumber : int
-stops : string[MAX]
+addStop(stop : string): void

Association:

Admin ---→ Route

Admin
-adminID : string
-name : string
+manageRoutes(route : Route , stop : string) : void