Class Diagrams

Problem Domain

Supervisor

-employees:int[]
-workgroupList:Object[]

+fetchWorkgroups:Object[]

Notification

-wasViewed:boolean
-message:String
-typeOfNotifier:String

+sendNotification:void

Employee

-username:String
-password:String
-lName:String
-fName:String
-employeeId:int
-credentials:Object
-currentAvailability:Object
-supervisor:Object

+checkAvailability:Boolean
+accessCredentials:Object
+saveAvailability:void
+sendNotification:void
+fetchVacationTime:Object[]
+addSchedule:void

Workgroup

-employees:Object[]
-supervisor:Object
-name:String

+fetchWorkgroup:Object

Schedule

-employeeId:int[]
-employeeShifts:shift[]

+createNewSchedule:Object
+addShift:void
+saveSchedule:Boolean
+implementSchedule:void
+fetchDefaultSchedule:Schedule
+fetchWorkgroupSched:Schedule
+fetchAvailabilityTemplate:Schedule

Shift

-StartTime:Object
-EndTime:Object
-job:String
-Location:String
-supervisor:Object

+createShiftObject:Object

System

-logAsEmployee:Object

+logIntoSystem:boolean
+scheduleView:void
-loadScheduleView:void
+selectWorkgroup:void
-loadWorkgroupSched:void
+logOutOfSystem:boolean