

## fetchAvailabilityTemplate

```
public Schedule fetchAvailabilityTemplate()
```

The getAvailabilityTemplate is a method that returns a blank schedule: Not blank as in a fresh, untampered date schedule, but it returns a schedule that includes the names of the days of the week and nothing else. It represents a typical week of shifts that a user can populate with shifts they can work; The schedule itself isn't blank either. When a user sets their availability, it is saved to the backend so this method returns what they saved so they can re-edit it. If a user wants to change their schedule, they will send a COPY of it to their supervisor.

## fetchDefaultSchedule

```
public Schedule fetchDefaultSchedule()
```

Gets the default schedule for this supervisor, showing all employees that the supervisor is in charge of.

## fetchWorkgroupSched

```
public Schedule fetchWorkgroupSched()
```

Gets the schedule for a specific workgroup, showing the schedules of only the employees within it rather than all employees that the supervisor has access to.

## implementSchedule

```
public void implementSchedule()
```

Implementing the schedule can also be triggered by the same action event as the saveSchedule() method, however this method will be called if the option to implement the schedule is selected. This will begin the implementation process for sending notifications to employees letting them know that a new schedule is up and running.

## saveSchedule

```
public Boolean saveSchedule()
```

This method is used in an action event when the save button is pressed. This will save the schedule however unless the supervisor also chooses to implement the schedule(send the schedule to all employees) then it will just save into the database to be accessed later if any modifications are necessary.

## Class Shift

```
public class Shift
```

A shift contains information on the specific time and place that one or more employees will be working.

Field Summary	
private Object	<b>EndTime</b> The time at which work ends for the employees assigned to the shift.
private String	<b>job</b> The job titles or duties associated with the shift.
private String	<b>Location</b> The building or room where the shift work is taking place.
private Object	<b>StartTime</b> The time at which work begins for the employees assigned to the shift.
private Object	<b>supervisor</b> The supervisor who is in charge of the employees working that shift.