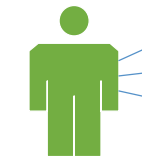


Classes needed:

1. Employee
2. Manager
3. IDCard
4. Schedule
5. Shift
6. TimeStamp



Employee

Employee Time Clock Interface

Clock Out

Clock In

View Work  
Schedule



Manager

Time Clock Management  
System

Add Employee

Remove Employee

View Pay Period  
Hours

Clock In

Precondition: The employee must have their employee card, be a current employee, scheduled for the upcoming shift.

Description: The employee swipes his employee ID card and selects that they are clocking in on the screen.

Post-condition: The system displays a message box confirming the action.

Clock Out

Precondition: The employee must have their employee card, be a current employee, scheduled for the upcoming shift.

Description: The employee swipes his employee ID card and selects that they are clocking out on the screen.

Post-condition: The system displays a message box confirming the action. Also shows the hours worked since clocking in.

View Work Schedule

Precondition: Employee must have their employee card. Manager has already entered the schedule into the system.

Description: The employee swipes his employee ID card and selects option to "View Work Schedule"

Post- Condition: The system reports the work schedule on the screen.

Add Employee

Precondition: Manager must have their employee card.

Description: Manager swipes their card and selects to "add employee" and enters the employee data.

Post-condition: There will be one more employee in the system

Remove Employee

Precondition: Manager must have their employee card.

Description: Manager swipes their card and selects to "remove employee." They will then have to confirm.

Post-condition: The employee will be removed from future scheduling, their previous payroll data will still exist.

View Pay Period Hours

Precondition: The pay period is complete. The manager has authorization to view employee AttendanceTimeStampRecords

Description: The manager swipes their card and selects option to view and export employee times.

Post-condition: The manager can see a view of the time stamps calculated into a table of hours worked