Use Case Descriptions

Schedule CRUD

|  |  |  |
| --- | --- | --- |
| Use Case Name | Create Schedule | |
| Scenario | Schedule being created. | |
| Triggering Event | Employer decides to create new schedule and navigates to that section of the application. | |
| Brief Description | An employer with scheduling privileges shall be able to create schedules. | |
| Actors | Scheduling user (employer), System | |
| Related Use Cases | Read Schedule, Update Schedule, Delete Schedule | |
| Stakeholders | Employer: to add information about the schedule  System: to verify and add the information to the database | |
| Preconditions | User must have privileges to create a schedule.  User must have navigated to the schedule creation section of the application. | |
| Postconditions | Newly created schedules must be inserted into the database. | |
| Flow of Events | Actor | System |
| 1. User navigates to schedule creation section 2. User enters information about the schedule 3. User finishes and exits | 1.1 System displays the “New Schedule” page  2.1 System validates form submission and loops the form for subsequent input  3.1 System saves schedule information to appropriate databases |
| Exception Conditions | 2.2 Schedule information does not meet requirements, system requests appropriate information | |

|  |  |  |
| --- | --- | --- |
| Use Case Name | Read Schedule | |
| Scenario | Schedule being read / viewed. | |
| Triggering Event | User decides to view a previously created schedule and navigates to that section of the application. | |
| Brief Description | All users related to one employer shall be able to view their respective schedules. | |
| Actors | Employer user, employee user, System | |
| Related Use Cases | Create Schedule, Update Schedule, Delete Schedule | |
| Stakeholders | Scheduling user: viewing information within the schedule  System: to retrieve schedule information from the database and display it to the user | |
| Preconditions | User must have privileges to view a schedule.  User must have navigated to the schedule viewing section of the application. | |
| Postconditions | A schedule must exist in the database to be viewed. | |
| Flow of Events | Actor | System |
| 1. User navigates to schedule view section 2. User finishes and exits | 1.1 System displays the “View Schedule” page |
| Exception Conditions |  | |

|  |  |  |
| --- | --- | --- |
| Use Case Name | Update Schedule | |
| Scenario | Schedule being updated. | |
| Triggering Event | User decides to update a preexisting schedule and navigates to that section of the application. | |
| Brief Description | A user with scheduling privileges shall be able to update schedules. | |
| Actors | Scheduling user, System | |
| Related Use Cases | Read Schedule, Create Schedule, Delete Schedule | |
| Stakeholders | Scheduling user: to add new information and / or remove information about the schedule  System: to verify and add the information to the database | |
| Preconditions | User must have privileges to update a schedule.  User must have navigated to the schedule updating section of the application. | |
| Postconditions | Updated schedules must replace old information in the database. | |
| Flow of Events | Actor | System |
| 1. User navigates to schedule update section 2. User enters new information and / or deletes old information about the schedule 3. User finishes and exits | 1.1 System displays the “View Schedule” page for editing  2.1 System validates form submission and loops the form for subsequent input  3.1 System updates schedule information to appropriate databases |
| Exception Conditions | 2.2 Schedule information does not meet requirements, system requests appropriate information | |

|  |  |  |
| --- | --- | --- |
| Use Case Name | Delete Schedule | |
| Scenario | Schedule being deleted. | |
| Triggering Event | User decides to delete a schedule and navigates to that section of the application. | |
| Brief Description | A user with scheduling privileges shall be able to delete schedules. | |
| Actors | Scheduling user, System | |
| Related Use Cases | Read Schedule, Update Schedule, Create Schedule | |
| Stakeholders | Scheduling user: to delete the schedule  System: to verify and delete the information to the database | |
| Preconditions | User must have privileges to delete a schedule.  User must have navigated to the schedule deletion section of the application. | |
| Postconditions | Deleted schedules must be removed from the database. | |
| Flow of Events | Actor | System |
| 1. User navigates to schedule deletion section 2. User confirms the deletion of the schedule 3. User finishes and exits | 1.1 System displays the “Delete Schedule” page and asks user to confirm deletion  2.1 System validates deletion confirmation and deletes schedule information from appropriate databases |
| Exception Conditions |  | |

Availability CRUD

|  |  |  |
| --- | --- | --- |
| Use Case Name | Create Availability | |
| Scenario | Availability being created. | |
| Triggering Event | Employer or employee decides to create an employee availability and navigates to that section of the application. | |
| Brief Description | An employer shall be able to create availability for all employees. An employee shall be able to create availability for themselves. | |
| Actors | Employer or employee, System | |
| Related Use Cases | Read Availability, Update Availability, Delete Availability | |
| Stakeholders | Employer or Employee: to add information about the availability  System: to verify and add the information to the database | |
| Preconditions | Employer user must have privileges to create an availability for employee.  User must have navigated to the availability creation section of the application. | |
| Postconditions | Newly created availability must be inserted into the database. | |
| Flow of Events | Actor | System |
| 1. User navigates to availability creation section 2. User enters information about the availability 3. User finishes and exits | 1.1 System displays the “New Availability” page  2.1 System validates form submission and loops the form for subsequent input  3.1 System saves availability information to appropriate databases |
| Exception Conditions | 2.2 Availability information does not meet requirements, system requests appropriate information | |

|  |  |  |
| --- | --- | --- |
| Use Case Name | Read Availability | |
| Scenario | Availability being read. | |
| Triggering Event | Employer or employee decides to view an employee availability and navigates to that section of the application. | |
| Brief Description | An employer shall be able to view availability for all employees. An employee shall be able to view their own availability. | |
| Actors | Employer or employee, System | |
| Related Use Cases | Create Availability, Update Availability, Delete Availability | |
| Stakeholders | Employer or Employee: to view information about the availability  System: to read availability information from the database and display it to the user | |
| Preconditions | User must have navigated to the availability view section of the application. | |
| Postconditions |  | |
| Flow of Events | Actor | System |
| 1. User navigates to availability view section 2. User finishes and exits | 1.1 System displays the “View Availability” page |
| Exception Conditions |  | |

|  |  |  |
| --- | --- | --- |
| Use Case Name | Update Availability | |
| Scenario | Availability being updated. | |
| Triggering Event | Employer or employee decides to update an employee availability and navigates to that section of the application. | |
| Brief Description | An employer shall be able to update availability for all employees. An employee shall be able to update availability for themselves. | |
| Actors | Employer or employee, System | |
| Related Use Cases | Read Availability, View Availability, Delete Availability | |
| Stakeholders | Employer or Employee: to add information about the availability  System: to verify and add the information to the database | |
| Preconditions | Employer user must have privileges to update an availability for employee.  User must have navigated to the availability update section of the application. | |
| Postconditions | Updated availability must replace old information in the database. | |
| Flow of Events | Actor | System |
| 1. User navigates to availability update section 2. User enters information about the availability 3. User finishes and exits | 1.1 System displays the “Update Availability” page  2.1 System validates form submission and loops the form for subsequent input  3.1 System saves availability information to appropriate databases |
| Exception Conditions | 2.2 Availability information does not meet requirements, system requests appropriate information | |

|  |  |  |
| --- | --- | --- |
| Use Case Name | Delete Availability | |
| Scenario | Availability being deleted. | |
| Triggering Event | Employer or employee decides to delete an employee availability and navigates to that section of the application.  Employee is being removed from current employees, so their availability is no longer needed. | |
| Brief Description | An employer shall be able to delete availability for all employees. An employee shall be able to delete availability for themselves. | |
| Actors | Employer or employee, System | |
| Related Use Cases | Read Availability, View Availability, Create Availability | |
| Stakeholders | Employer or Employee: to delete the availability  System: to verify and remove the information from the database | |
| Preconditions | Employer user must have privileges to remove an availability for employee.  User must have navigated to the availability deletion section of the application. | |
| Postconditions | Deleted availability must be removed from the database. | |
| Flow of Events | Actor | System |
| 1. User navigates to availability deletion section 2. User confirms deletion of availability 3. User finishes and exits | 1.1 System displays the “Delete Availability” page and requests deletion confirmation  2.1 System validates availability deletion and removes the availability information from appropriate databases |
| Exception Conditions |  | |