Use Case Descriptions

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| 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 | |

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| 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 |  | |

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| 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 | |

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| 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 |  | |