

Use Cases

Java and Software Project

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Use Case 1: Creating a Schedule

1. System provides user with option to create a schedule
2. User selects option
3. System automatically starts with Monday. System provides user with a list of employee names and ID numbers that are available to work on Monday.
4. System asks user to select and enter 3 employee ID numbers to fill that day.
5. User selects and enters 3 employee ID numbers into the system.
6. System then repeats this same process for Tuesday-Sunday.
7. After each day is filled, the system asks the user to enter a name for the CSV file that the schedule will be printed to
8. User enters a name for their CSV file
9. System creates CSV file and informs user that it has been created
10. System asks user if he/she would like to make another schedule.
11. User selects no
12. System closes

Alternative Paths:

3. *No employees are available to work on Monday (or any day)
 - 3.1 System informs user that no employees can work on that day and asks user if he/she would like to continue to Tuesday or quit the process
 - 3.1.A User selects the option to continue making the schedule and the system continues normally

3.1.B User selects the option to quit the process and the system closes

5. *User selects less than 3 employees to work on a certain day

5.1 System informs user that he/she must have 3 employees per day and asks user to enter the correct number of employee IDs.

5.2 User enters required IDs and system continues normally

11. *User selects yes

11.1 Process repeats