

Class Responsibility Cards [CRC]

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Class Name	
Responsibility	Collaboration

<i>(abstract)</i> CSV	
Read and write csv files Store data as ArrayList<String[]> Retrieve specific row and index of data Add and update rows Clear data Print out data	

CSV Employees	
Save information of employees Check if certain employee is full time	<i>(extends)</i> CSV

CSV Pay Claims	
Save pay claims	<i>(extends)</i> CSV

CSV PayRoll	
Add users to PayRoll	<i>(extends)</i> CSV CSV Pay Scale CSV Employees

CSV Pay Scale	
Print role ID and role name of each job Find salary	<i>(extends)</i> CSV

Find available scale points Assign correct scale point by date Check if available further scale points Find next available role within job bracket	
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CSV PaySlips	
Save payslips with date	<i>(extends)</i> CSV

CSV Promotions	
Find possible promotions Promote employees	<i>(extends)</i> CSV CSV Employees CSV Pay Scale CSV PayRoll

CSV System Checker	
Updates date and run count Retrieves run count Increments run count	<i>(extends)</i> CSV

CSV Users	
Check for valid login Check if username available Create new users Generate unique IDs	<i>(extends)</i> CSV

Deductions	
Calculate deductions Find monthly gross PAYE, PRSI, USC Add payslip?	<i>(extends)</i> CSV CSV Employees CSV Pay Scale CSV Pay Claims

<i>(abstract)</i> Menu	
Initiate all csv file classes needed Start scanner for inputs Set style and default messages for menus	CSV Employees CSV Pay Claims CSV Pay Scale CSV PaySlips CSV Promotions CSV Users

Menu Admin	
Run Admin user CLI Option to create new users Option to list current users Option to exit back to Login menu	<i>(extends)</i> Menu

Menu Employee	
Run Employee user CLI Option to display employee details Option to display payslips Possible option to accept promotion Possible option to fill pay claim Option to exit back to Login menu	<i>(extends)</i> Menu

Menu Human Resources	
Run Human Resources user CLI Option to display list of employees Option to display possible employees Choose employee to promote Option to exit back to Login menu	<i>(extends)</i> Menu

Menu Login	
Run login CLI Option to log in with username and password Option to display help message Redirect user to different menu Option to exit system	<i>(extends)</i> Menu Menu Admin Menu Employee Menu Human Resources Update System

Run System

Main function Start menu CLI Start update system	Menu Login
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Update System	
Manages generation of PayRoll, Pay Slips Clears Pay Claims Updates Point Scale	CSV Employees CSV Pay Claims CSV PayRoll CSV Pay Scale CSV PaySlips CSV Promotions CSV System Checker Deductions