

CRC CARDS FOR EACH CLASS

EMPLOYEE	
Responsibilities <ul style="list-style-type: none">• Stores employee information(name, address• Provides getters and setters• Calculates Base pay(implemented in subclasses)• Formats employee information to string• Ensures unique payslips• Parses and formats dates.	Collaborators <ul style="list-style-type: none">• Payslip• Subclasses; Full-time time and part-time

PART-TIME EMPLOYEE	
Responsibilities <ul style="list-style-type: none">• Stores and manages the hours worked and the hourly rate for a part time employee• Manages details related to Part-time employees(inherited from the employee class.• Calculates the employees base pay• Calculates if it's the second Friday of the month to ensure pay claims are submitted by that date.• Verifies if the last claim was submitted within the correct time frame• Provides a toString() method to include part time employee specific information like hours worked, hourly pay and last claim date.• Provides access to data fields like hours worked, hourly rate, and lastclaimdate(getters and setters)	Collaborators <ul style="list-style-type: none">• Employee• Position

FULL-TIME EMPLOYEE	
Responsibilities <ul style="list-style-type: none"> • Manages details related to full time employees(inherited from the Employee class) • Calculates the base pay for full time employees based on their rank and position on the salary scale • Increments the employee's rank within the salary scale, if employee is not at the top yet. 	Collaborators <ul style="list-style-type: none"> • Employee • Position

PAYSLIP	
Responsibilities <ul style="list-style-type: none"> • Stores employee details and the day they got paid • Calculates deductions such as PRSI,USC, PAYE and union fees • Calculates net pay • Has method that prints formatted payslip details 	Collaborators <ul style="list-style-type: none"> • Employee • PartTimeEmployee • FullTimeEmployee • LocalDate

PAYROLL SYSTEM	
Responsibilities <ul style="list-style-type: none"> • Adds, removes or promotes employees. • Retrieves employee and their position details • Loads employee and position data from CSV files. • Updates employee details in the CSV file • Generates payslips for employees • Handles rank promotions and salary scales adjustments • Manages simulation date operations for testing payroll functions • Advances the system date • Displays employee login instructions 	Collaborators <ul style="list-style-type: none"> • Employee • FullTimeEmployee • PartTimeEmployee • Position • Payslip

PAYROLL EXCEPTION	
Responsibilities <ul style="list-style-type: none"> • Error Handling 	Collaborators <ul style="list-style-type: none"> • PayRollSystem

POSITION	
Responsibilities <ul style="list-style-type: none"> • Stores and provides access to a job title, pay scale, and category • Formats position details for display. 	Collaborators <ul style="list-style-type: none"> • Employee • PayRollSystem

MENU	
Responsibilities <ul style="list-style-type: none"> • Provides CLI that allows users to interact with payroll. • Allows users to see their details, recent payslips, and historical payslips. • Admins can add or remove employees. • HR can view employee details and promote an employee. • Part-time employees can submit pay claims, and all employees manage promotion offers, and advance time. 	Collaborators <ul style="list-style-type: none"> • Employee • Payslip • Payroll • Part-time employee • Payroll exception

MENU SIMULATION	
Responsibilities <ul style="list-style-type: none">• Initialises the payroll system• Starts the application and connects its main components.	Collaborators <ul style="list-style-type: none">• PayRollSystem• Menu