Entity

Stores the name, id, account information, password, address, phone

number of the employee Getters for everything above Setters for everything above

Equals based on the id of the user Prints the user's identity and name

Userable

Abstract	Employee	FullTimeEmployee, PartTimeEmployee
Responsibilities Stores the wage, attendance, department, and level of Getters for everything above Setters for everything above Prints the department of the employee		Collaborators

• Setters for everything above

in strings.

• Prints the information of the full time employees' department, position, and level

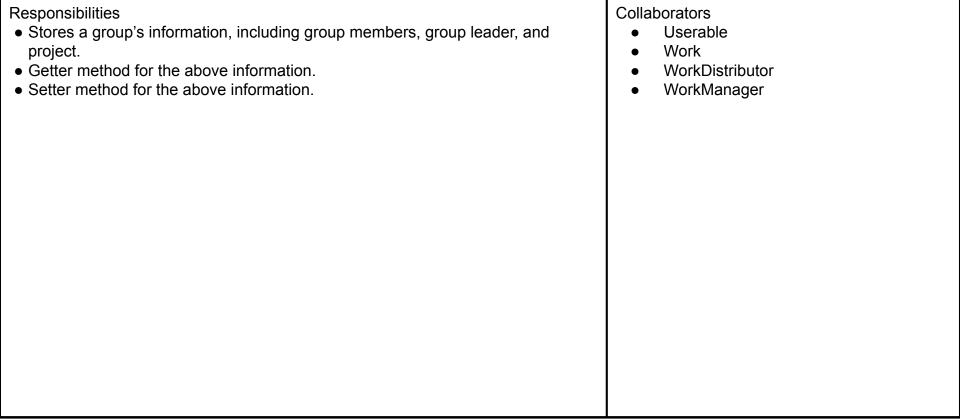
Employee

Responsibilities Stores the schedule of the part-time employee Getter for schedule above Setter for schedule above Prints the information of the part time employees' department, position, and level in strings.

Employee

Interface Work Collaborators Responsibilities • Stores the work information, work requirements WorkManager • Getter method for the work information and work requirements WorkDistributor • Setter method for the work information and work requirements

Group



Uses Case

AccountManager

- Stores a Hashmap called **employee map** that include the userable as the key and employee as the value. • Includes a Counter for recording the IDs that have been issued
- Stores and count the total number of employees
- Stores and count the total number of part-time employees
- Stores and count the total number of full-time employees
- Overrides the toString method (i.e Accountmanager)
- Creates new user
- Deletes user
- Gets total number of employees
- Gets total number of part-time employees Gets total number of full-time employees

Employee Verifier

Userable

Verifier

- Stores a Hashmap called **employee map** that include the Account number (which is String type) as the key and Userable as the value.
- Verifies whether the account exists
- Verifies whether the account has the level (i.e. authority)
- Prints "this is the verifier"
- Tells the Admin_System that the login is successful or not

- AccountManager
 Admin_System
- AuthorityManager
- AuthorityManage

AccountChanger

 Responsibilities Modifies the information in user and employee account. 	Collaborators

AuthorityManager

Collaborators Responsibilities • Performs authority (level) -related tasks.

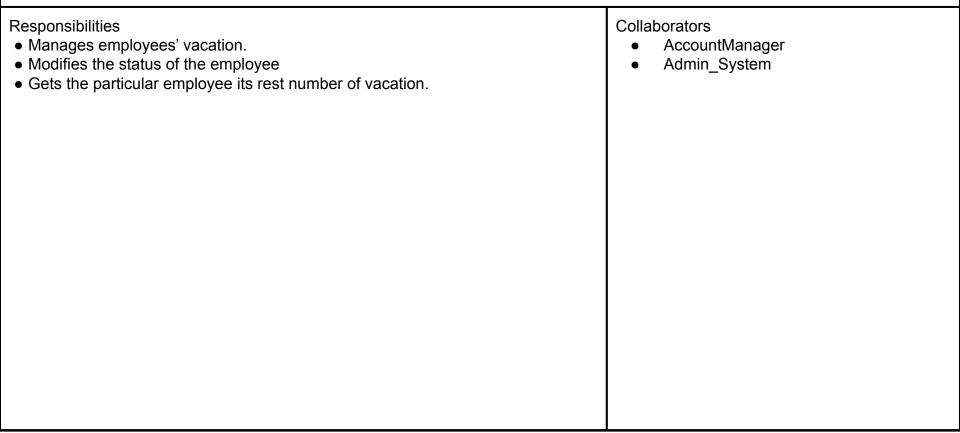
Admin_System

Verifier

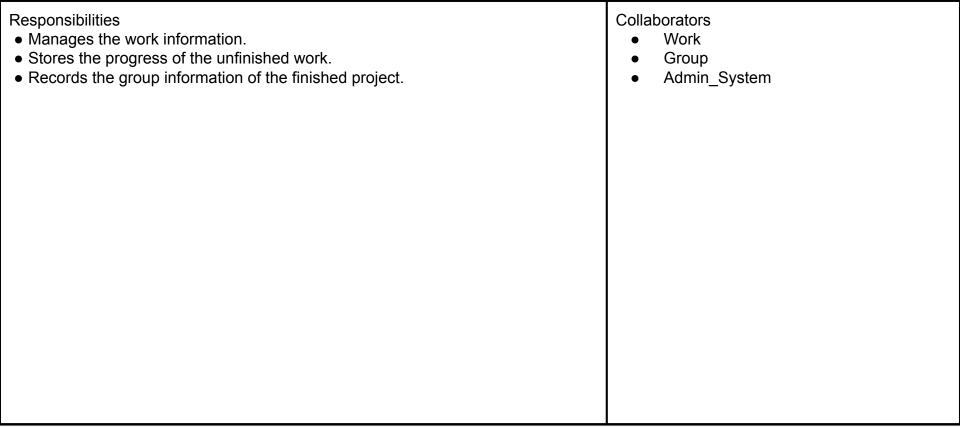
PayManager

Responsibilities • Calculates the wage of the employees. • Gets the particular employee its salary in specific months.	

VacationManager



WorkManager



WorkDistributor

Collaborators Responsibilities Assigns new work to the group Work • Creates a new group Group

Admin_System

Interface Adapter

Admin_System

Responsibilities Stores all the manager classes (I.e: Account_Manager, Pay_Manager) Controller for the manager to operate on the use cases Receives input from Command_User_Interface Calls Verifier Tells the Command_User_Interface whether the login is successful or not Sends the information from the Command_User_Interface to AccountManager

Collaborators Command_User_Interface

- AccountManager Pay_Manager
 - Verifier

 - WorkDistributor WorkManager

Framework

Command_User_Interface

Responsibilities
• Provides

- Provides a command line interface to user for accessing the systems.

 Sends information that user input to the Admin. System
- Sends information that user input to the Admin_System

Admin_System
Pay_Manager

Collaborators