

## Class Resource Collaborator Cards

DigitalClockProject	
Acts as a model to support decoupled structure of the project.	TimerTask
Works as bridge between frontend view and backend models.	DigitalClock
Starts functioning as soon as project build starts using run function implementation.	Alarm
Uses ActionListener as EventListener for listening to click events.	FrameAlarm
	Display

DigitalClock	
Has function to set all time related attributes	DigitalClockProject
Uses the current timezone and time format to set time	
Sets all clock attributes when the function display is called	

Alarm	
Is used to store any and all alarms set by the user	DigitalClockProject
When the activateAlarm() function is called, the current time is compared with all the set alarm times	
In case the current time is the same as an alarm time, an audio clip is played based on the day of the week	

FrameAlarm	
Frame to set alarm.	DigitalClockProject
It appears as a dialogue box when user wants to set alarm .	Display
The time format will be same as set in main clock.	

Display	
This is main Frame display of clock.	DigitalClockProject
It will display time in desirable format (12/24 hour format).	
It will display date in day/date/year format.	
It will provide options for changing time zone, background colour, a button for setting alarm.	