

# Test Cases

## Black Box Testing

ERP records input test

To check whether the current time is in the ERP records

Create time records with different attributes: of (Day type, time (start and end), current time)

## 1.1 ERP Class Test sets

	Possible Input
ERP records(Day type)	Weekdays/Saturday
ERP records(Start time)	0000 to 2359
ERP records(End time)	0000 to 2359

## 1.2 Boundary testing Values

Valid Equivalence Class:

1.2.1 ERP Records: Day Type; Start Time; End Time

{[Weekday; Start Time: 0700; End Time: 0800]}, [Saturday; Start Time: 0700; End Time: 0800]] }

Upper Boundary: ~~0758~~ 0759 0800

Lower Boundary: 0659 0700 ~~0704~~

Invalid Equivalence Class:

Start Time > End Time (24 hours format)

Upper Boundary: End Time

Lower Boundary: Start Time

## 1.3 Test Cases

[Weekday; Start Time: 0700; End Time: 0800]			
Test Case:	DateTime Input (Date; Current Time)	Expected Output	Actual Output
1	03/11/2020 (Weekday); 0659	False	
2	03/11/2020 (Weekday); 0700	True	
3	03/11/2020 (Weekday); 0759	True	
4	03/11/2020 (Weekday); 0800	False	
5	07/11/2020 (Saturday); 0700	False	
6	08/11/2020 (Sunday); 0700	False	

[Saturday; Start Time: 0700; End Time: 0800]			
Test Case:	DateTime Input (Date; Current Time)	Expected Output	Actual Output
1	07/11/2020 (Saturday); 0659	False	
2	07/11/2020 (Saturday); 0700	True	
3	07/11/2020 (Saturday); 0759	True	
4	07/11/2020 (Saturday); 0800	False	
5	08/11/2020 (Sunday); 0700	False	
6	06/11/2020 (Weekday); 0700	False	