

## SCENARIO 1

Within Roadmap each traveler has a personalized overview of their upcoming trips. These trip items are supported with a notification to provide more relative content to the traveler.

The responsibility of `DateTimeTransformer` is to determine the send date and time when a push notification should be sent.

### GIVEN

- `PointDate` – contains the given start and end date and time of a trip item
- `TemplateValue` – contains the indicator like 'first' and added minutes or 'end' and added minutes

### GOAL

- Implement business logic in the most efficient way and make all tests pass.
- Unit tests are written and should not be changed.

### EXAMPLES

- When a trip item starts at 2019-04-01 12:00 and ends at 2019-04-01 18:00 and the given template value is 'last', a push notification should be sent on the last date and time of the trip item and thus 2019-04-01 18:00.
- When a trip item starts at 2019-04-01 12:00 and ends at 2019-04-01 18:00 and the given template value is 'first+2880', a push notification should be sent on the first date and time of the trip item plus 2880 minutes and thus 2019-04-03 12:00.