

Sequence Diagram for Leave Management System

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Identifying the major Elements and lifelines of the Sequence diagram for LMS.

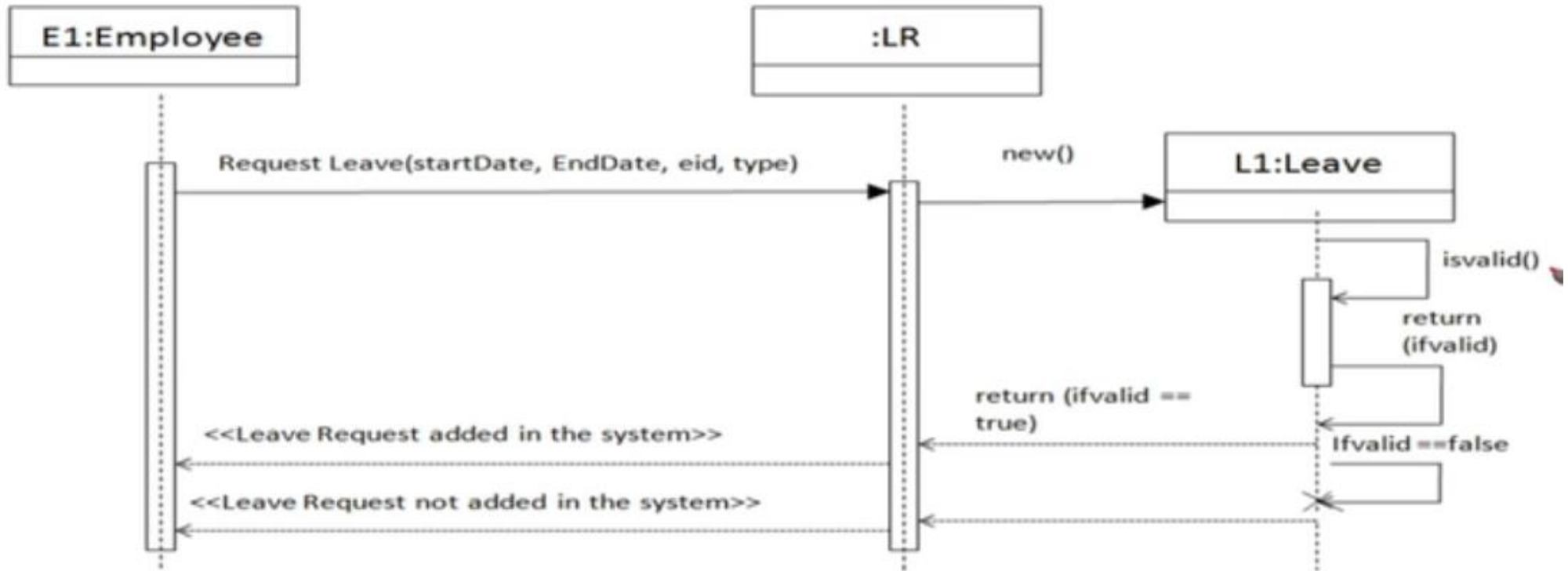
- Reading through the specification of the Leave Management System, we identify the major identifying elements for LMS : Employee and Leave.



- In addition, we have an LR class (Leave Record / Repository) to maintain all leave data

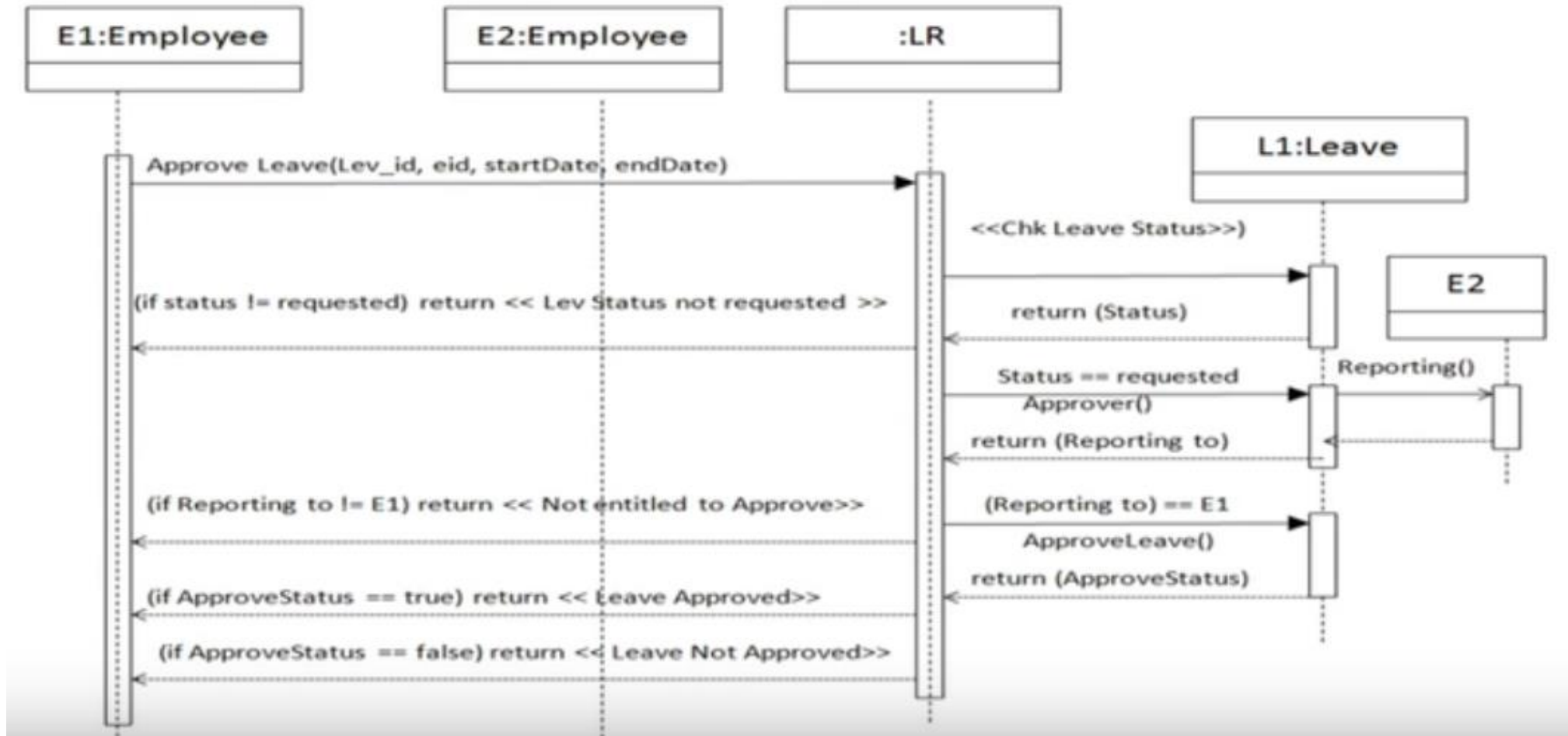
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Request Leave



Sequence Diagram for Leave Management System

Approve Leave



Sequence Diagram for Leave Management System

- Discussed about interaction fragments in Sequence Diagrams
- Worked out the sequence diagram for two sample use-cases of LMS

Reference

Source: NPTEL - Object-Oriented Analysis and Design, IIT Kharagpur Prof. Partha Pratim Das
Prof. Samiran Chattopadhyay Prof. Kausik Datta

<https://nptel.ac.in/courses/106105153>