Micro Project
CCN/CSC7321

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The problem

➔ Develop a mail manager system.
➔ It has to be a distributed system
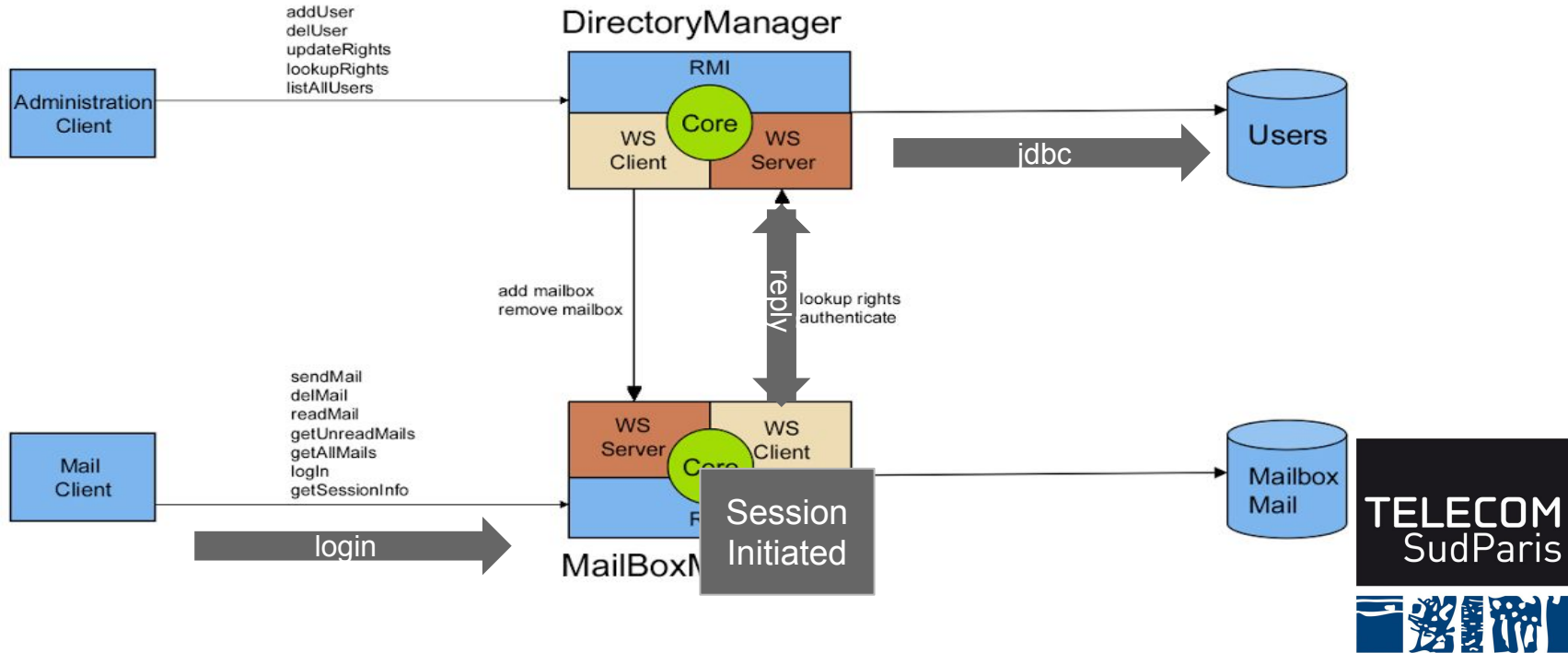➔ It has to be presented as a single integrated service to the clients

Our solution

➔ RMI to connect clients to the different managers.
➔ Soap Webservices to connect the two managers
  ◆ Each manager has a ws server/client role.
➔ JDBC as the persistence solution.
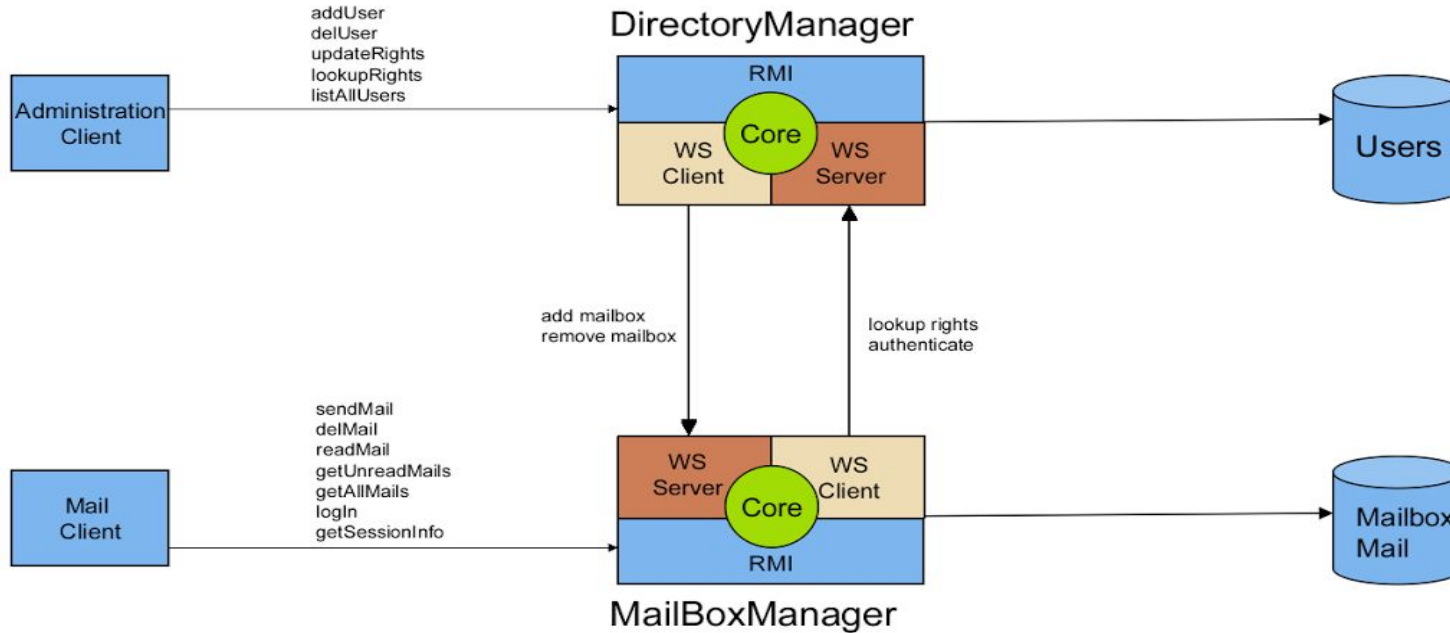
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Why of our choices?

➔ Java EJBs allow really simple session management to allow the clients to perform several operations without providing their credentials several times.

➔ Soap WS was our choice for the trunk connection because the communication characteristic allowed us to have a stateless scheme.

➔ JDBC because it allows the persistence property without losing the benefits of working with a object oriented language.
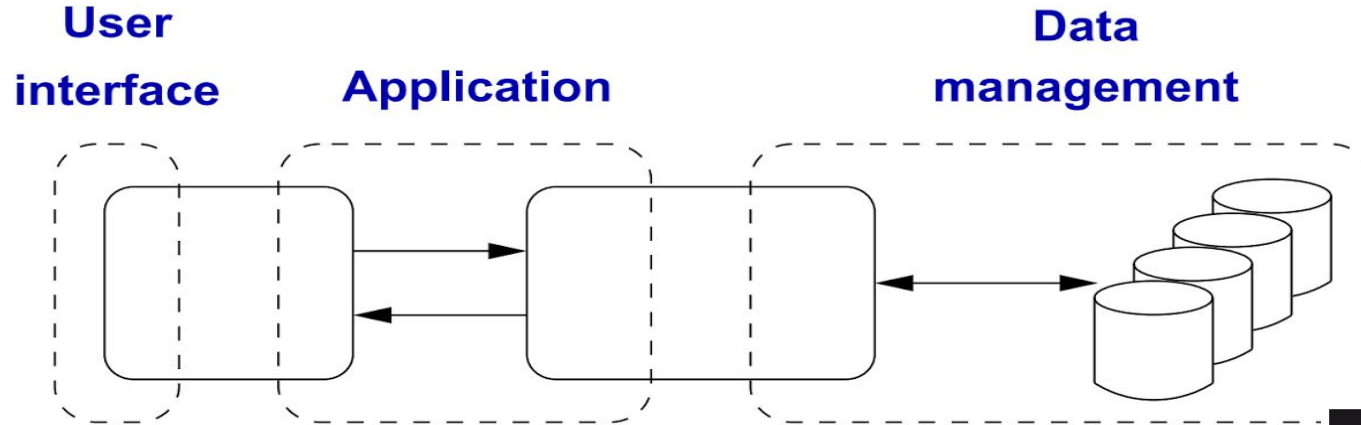
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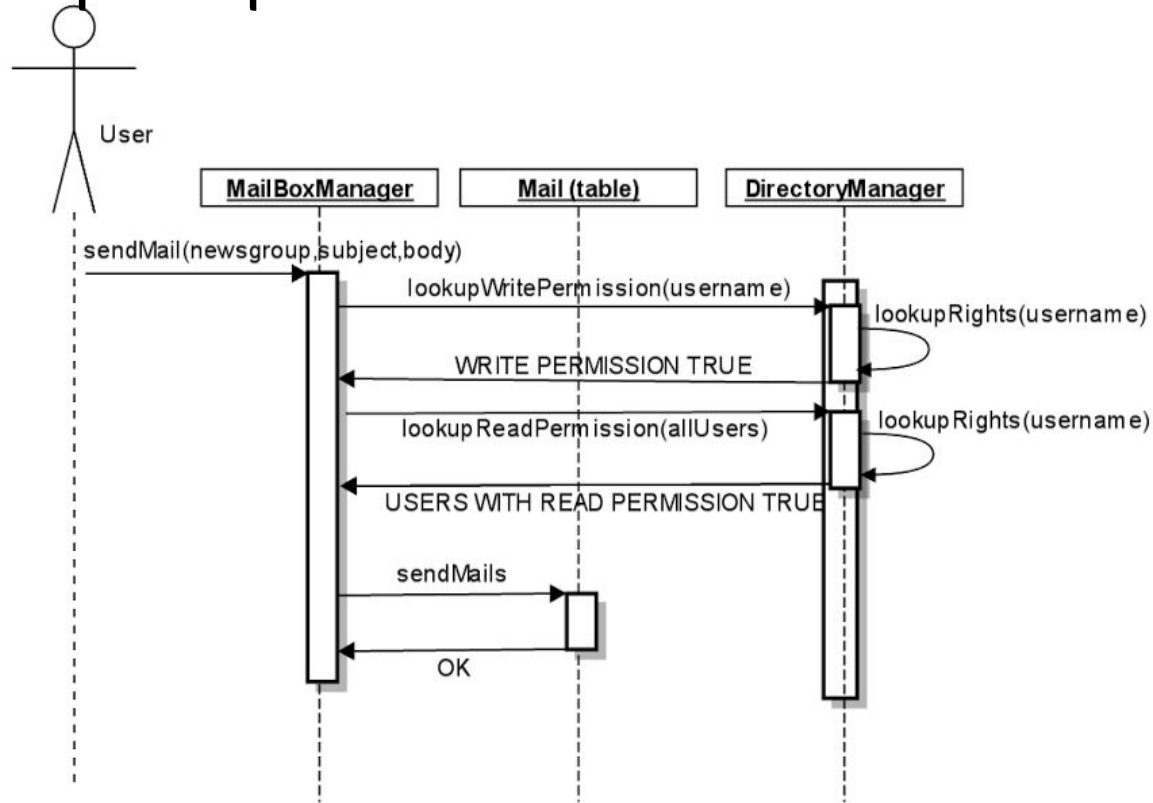SudParis

Architecture of the system
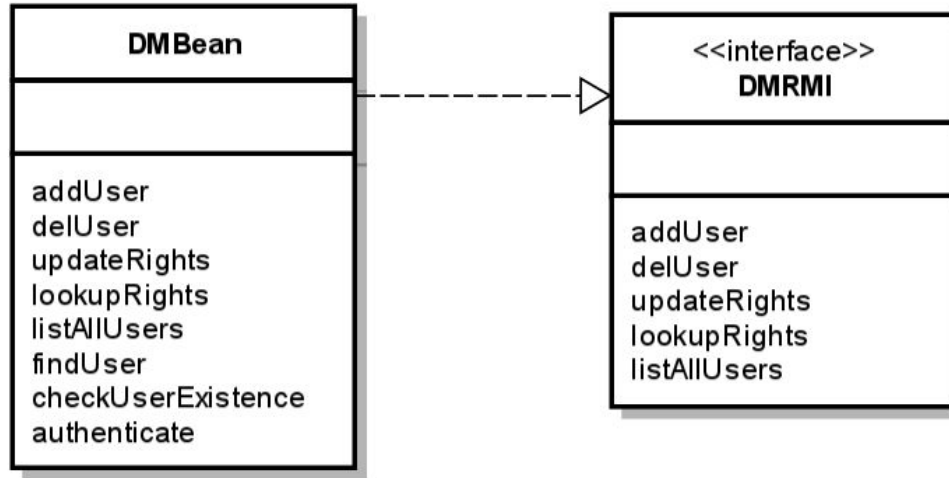
Architecture of the system

Multi-tier architecture

Newsgroup Sequence

Wrapper or adapter design pattern.

Thanks!