



Azure Cosmos DB CRUD + Application Insights

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Agenda

- Problem statement and Azure CosmosDB instance creation.
- Java Springboot project setup and walkthrough.
- Rest client setup and walkthrough.
- CRUD operation execution.
- Adding application insights to the application.



Problem statement and Azure CosmosDB instance creation



Problem statement

We will be performing crud operations on a Customer entity. A particular customer has following information stored in the database.

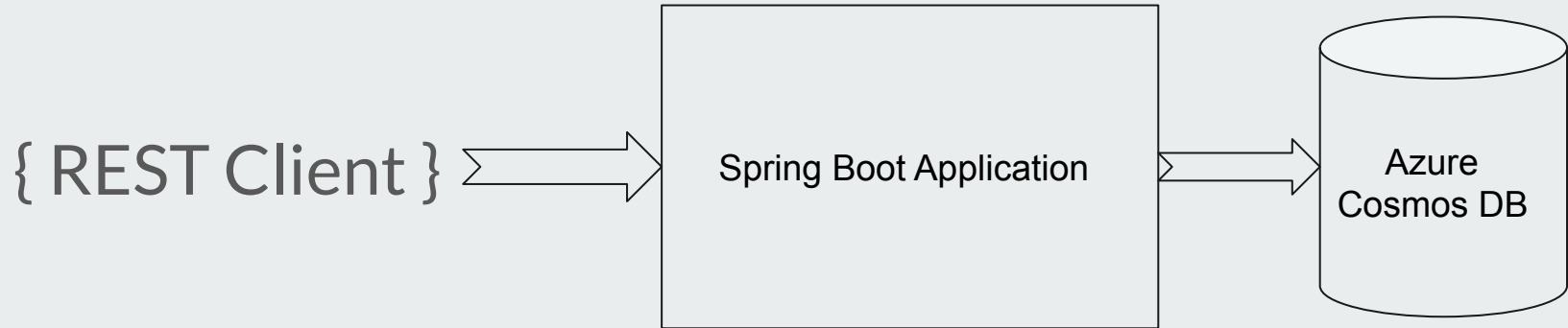
- Id (Unique identifier)
- First Name
- Last Name
- Contact Number
- List of Addresses

And each Address contains.

- Address line 1, Address line 2, Address line 3
- PinCode
- City
- State



Application design





Cosmos DB instance creation



Java SpringBoot project setup and walkthrough.



Rest client setup and walkthrough



CRUD operation execution



Adding application insights to the application



Thank you