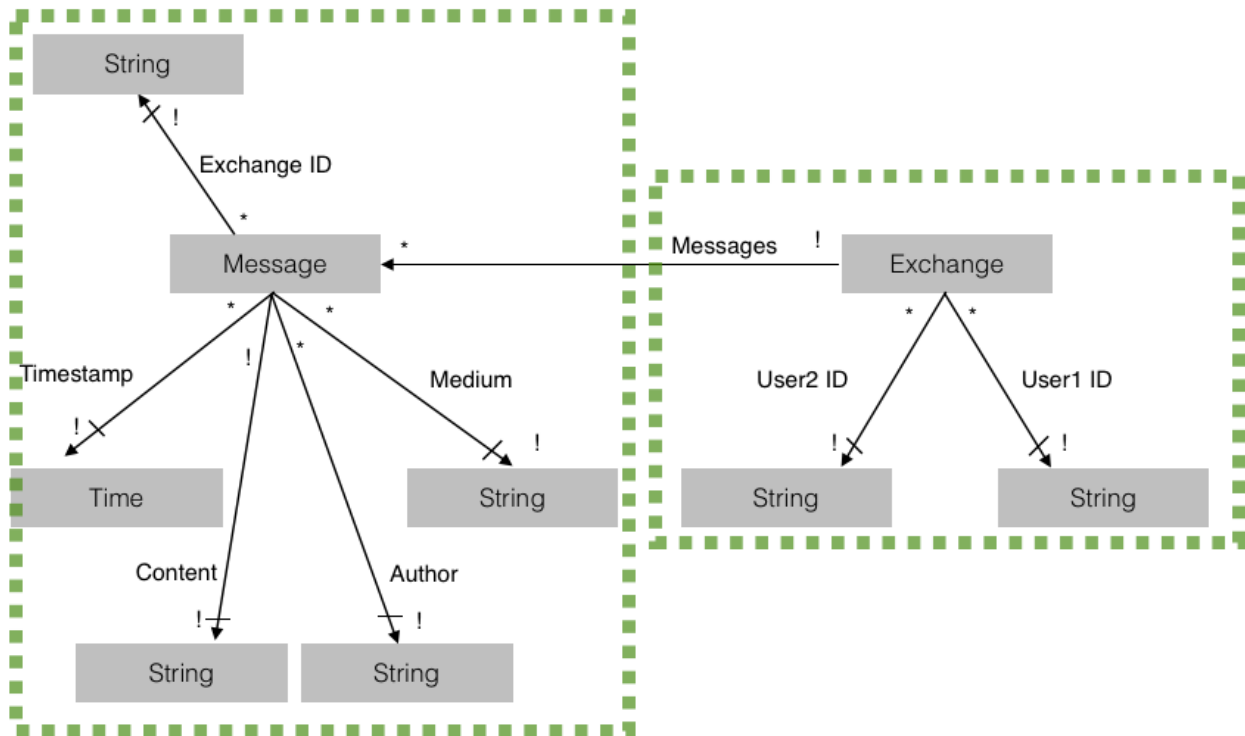
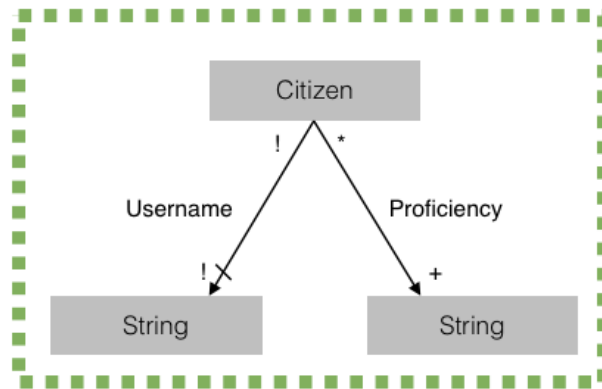


# Data Model Diagram



## Data Design Example

Citizen

```
{  
  Username: "Joe",  
  Proficiency: ["Spanish","English"]  
}
```

Exchange

```
{  
  User1ID: "123",  
  User2ID: "456"  
  Messages:[  
    {  
      Medium: "Text",  
      Author: "Bob",  
      Content: "Hola!",  
      Timestamp: "1416369281003",  
      ExchangeID: "507f1f77bcf86cd799439011"  
    },  
    {  
      Medium: "Text",  
      Author: "Joe",  
      Content: "Muy bien",  
      Timestamp: "1416369281004",  
      ExchangeID: "507f1f77bcf86cd799439011"  
    }  
  ]  
}
```

