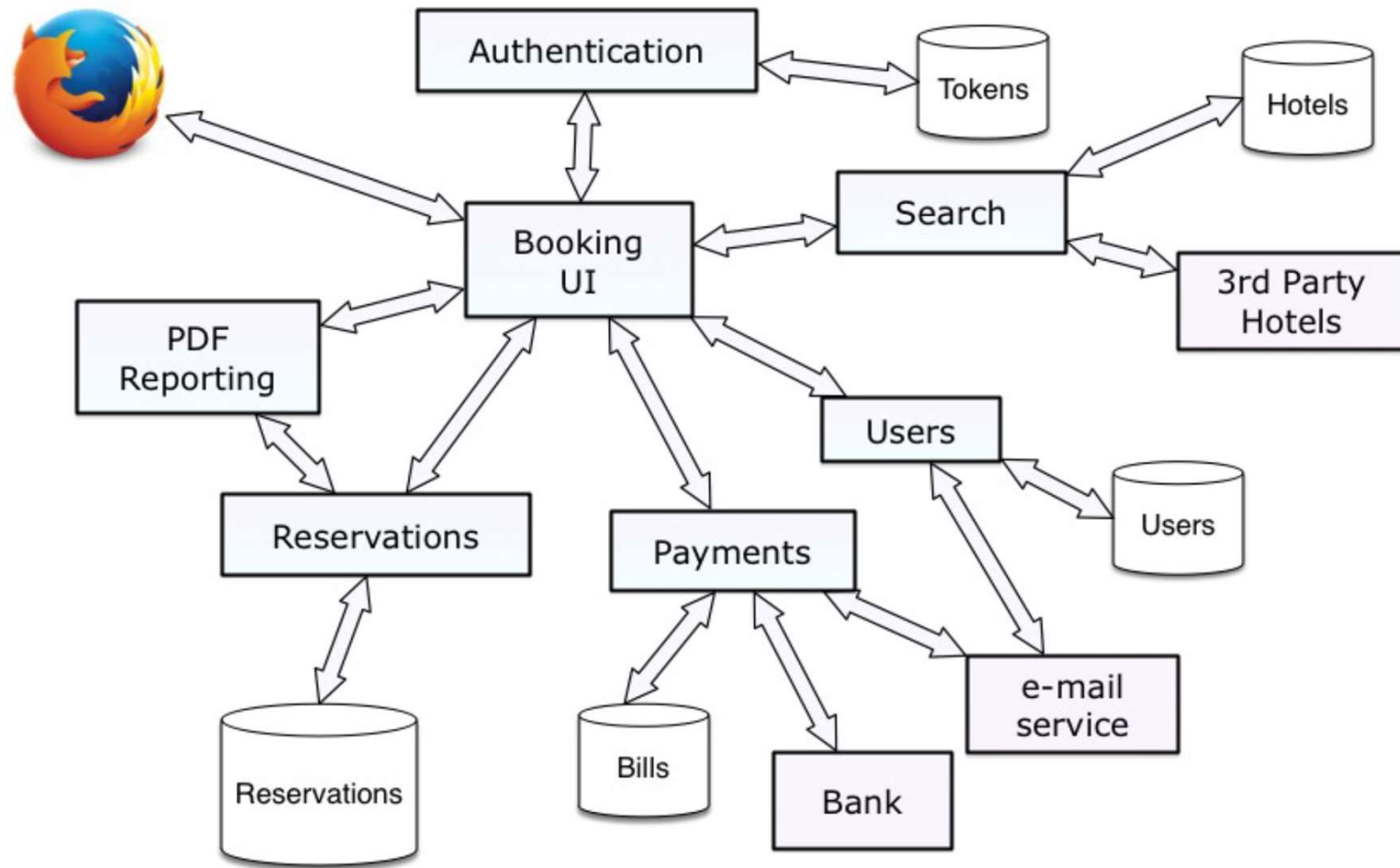


Microservices

- A microservice is a lightweight application which provides a narrow set of features with a well-defined contract
- It's a component with a single responsibility which can be developed and deployed independently
- Often microservices are simple web applications that use HTTP and consume and produce JSON

Advantages

- Separation of concerns
 - Each microservice focuses on a single role
 - Loose coupling improves the overall project velocity
- Smaller projects
 - Easier to experiment and iterate
- Scaling and deployment
 - Easier to scale depending on constraints



Pitfalls

- Deciding where to split functionality
- High reliance on network availability
- Data sharing without duplication