

# Loan Portal

AWS EC2 Reservation

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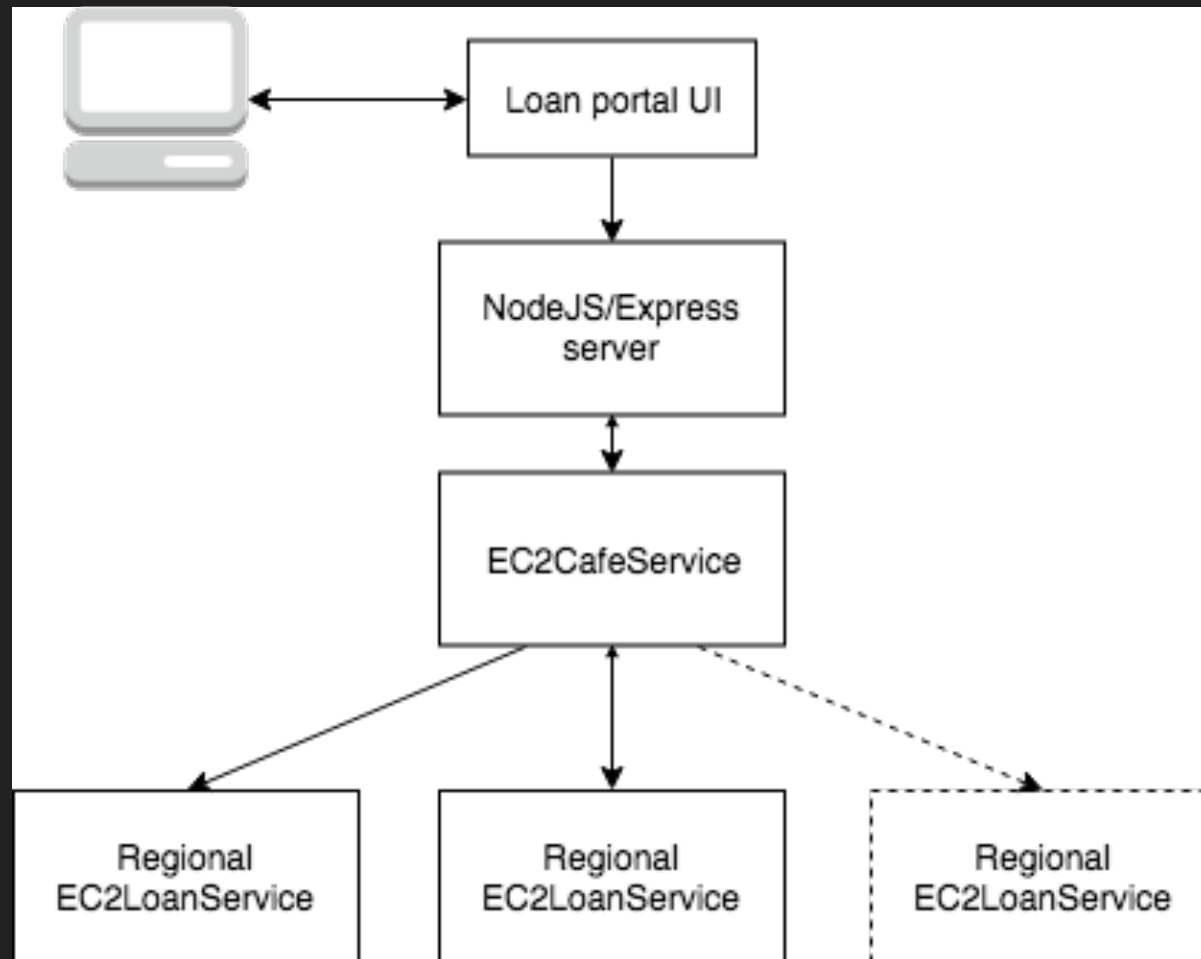
# Loan Portal

- What is “Loan”?
  - Hardware instance that internal users can loan droplet(s) to do testing or anything they want
- Loans states can be easily monitored

# Why?

1. Easier for team to maintain it
  1. More familiar with Maitre'D & React
  2. Team wants to provides better customer experience
2. Someone need to kick off
3. Easy for customers to use

# Mechanism



# Goals

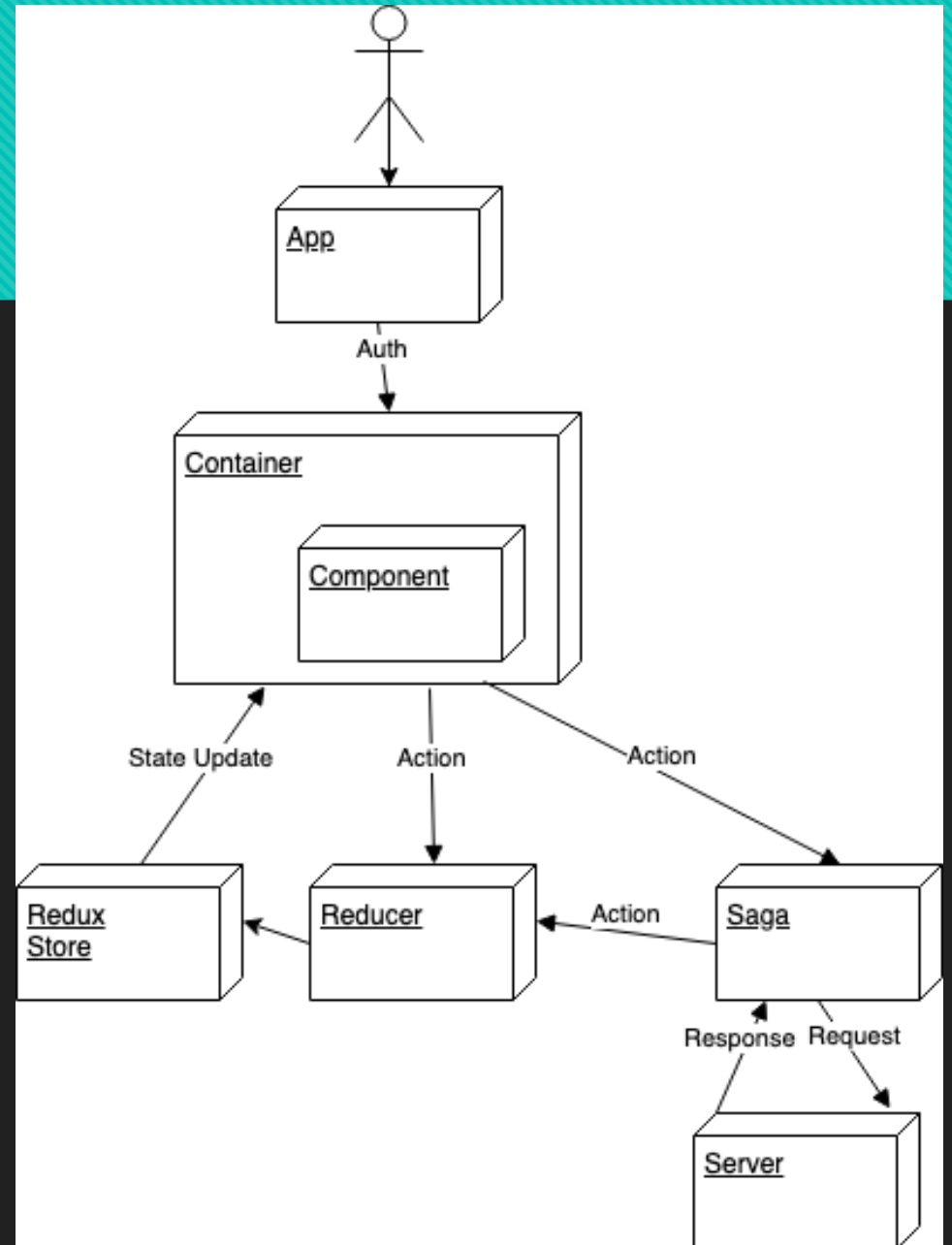
1. Design Document
2. API Design
3. API Implementation
4. UI Design
5. UI Implementation
6. Server Implementation
7. Linking UI & Server
8. Connecting Maitre'D to Cafe, Cafe to ELS

# Challenges & Learning

1. Learn how services communicate in Amazon
2. Design model (API)
3. Dependencies setting
4. Spring dependency ingestion

# Challenges & Learning

Understand React-Redux dataflow



# Challenges & Learning

Struggle with `connect()` to link actions to the containers/components

```
export class CLASSNAME extends React.Component {  
  // some logic  
}
```

```
export default connect(mapStateToProps, { actions }, CLASSNAME)
```



Demo

# Future Work

1. Better customer experience
  1. Dropdown menu for CTI
  2. React calendar component for return date
  3. Support uploading CSV file
  4. Support in-place editing on the table
  5. Showing red background on the cell where data is invalid
2. Implement Loan Search

**Q & A**

**Thank you!**