

# Public Infrastructure Repair web app

*by* Team Pop

26001904476 Nicholas Ruppel

26001903461 Itsuki Mizuta

26001904131 Cho Keunhee

College of Information Science and Engineering  
Ritsumeikan University

# Agenda

- Problem formulation
- Suggested approach
- System design
- Development
- Simulation

# Problem formulation

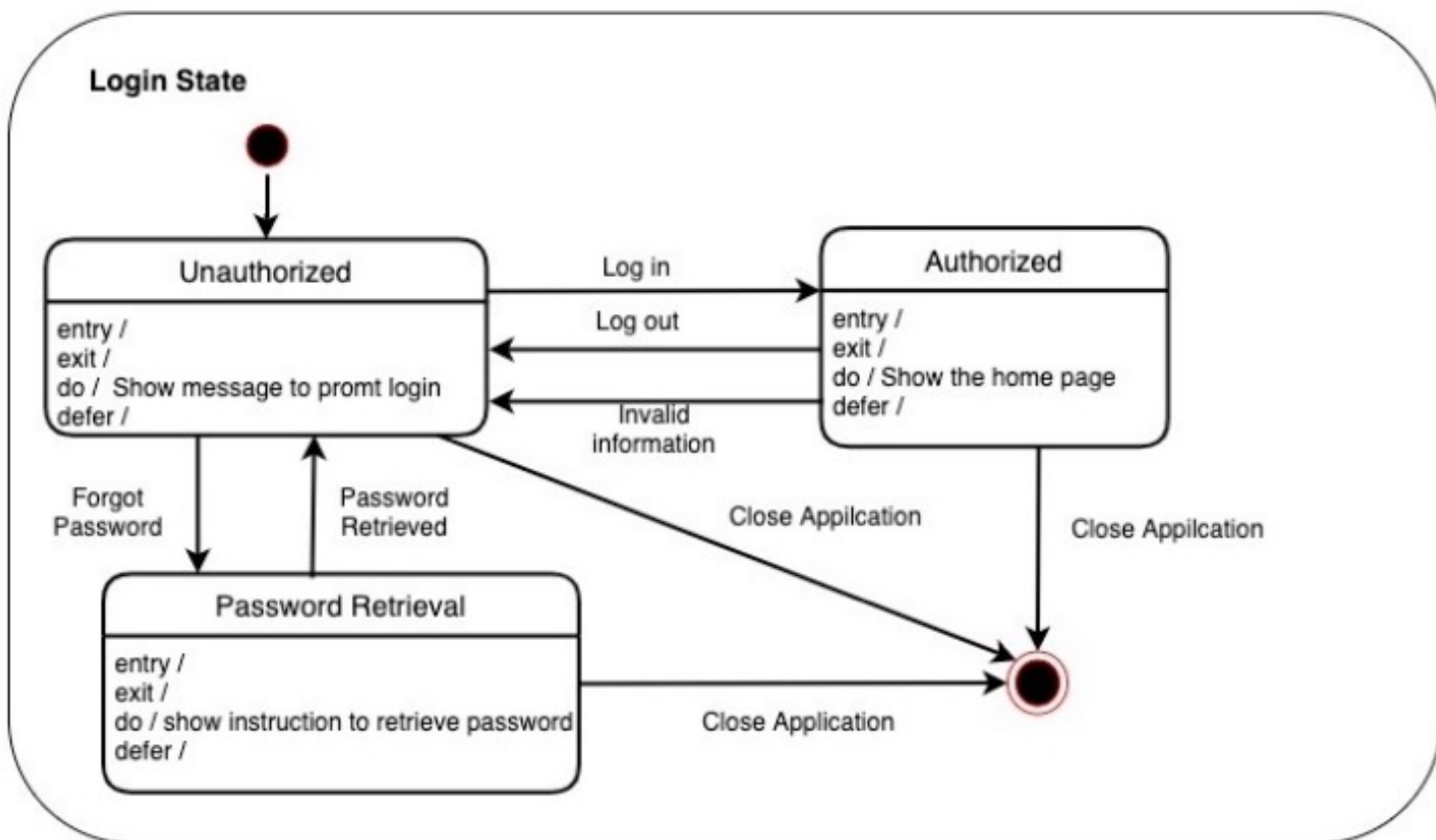
- Infrastructure issue such as road issue has become widespread. However, there is not much solutions to solve local infrastructure problem.
- Therefore, Team Pop would like to contribute to the local authority by proposing the web application.

# Suggested approach

- Web application
  - Shows the current case status
  - Able to report new cases
  - Hold accessibility and readability

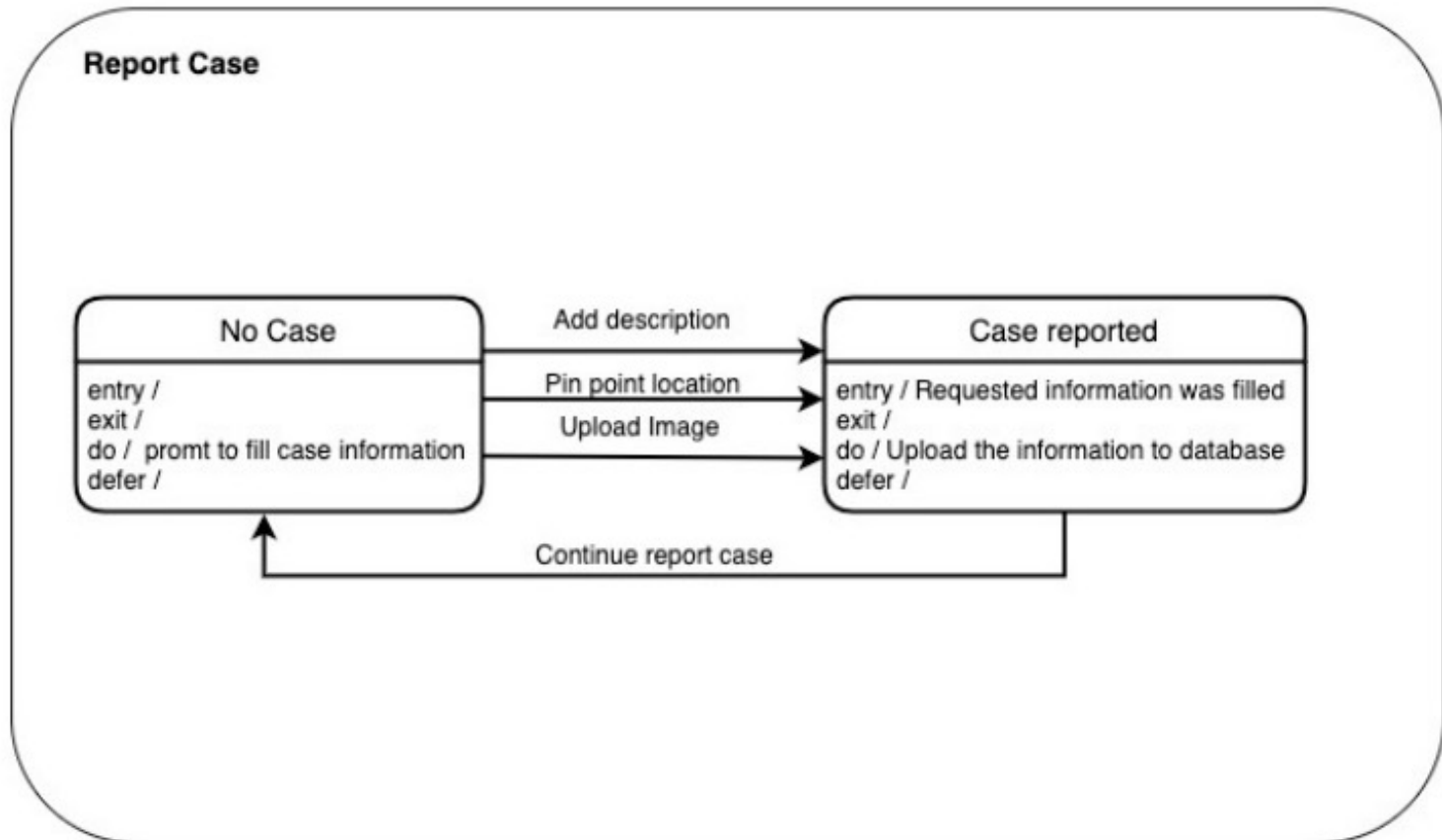
# System design

## ● State diagram



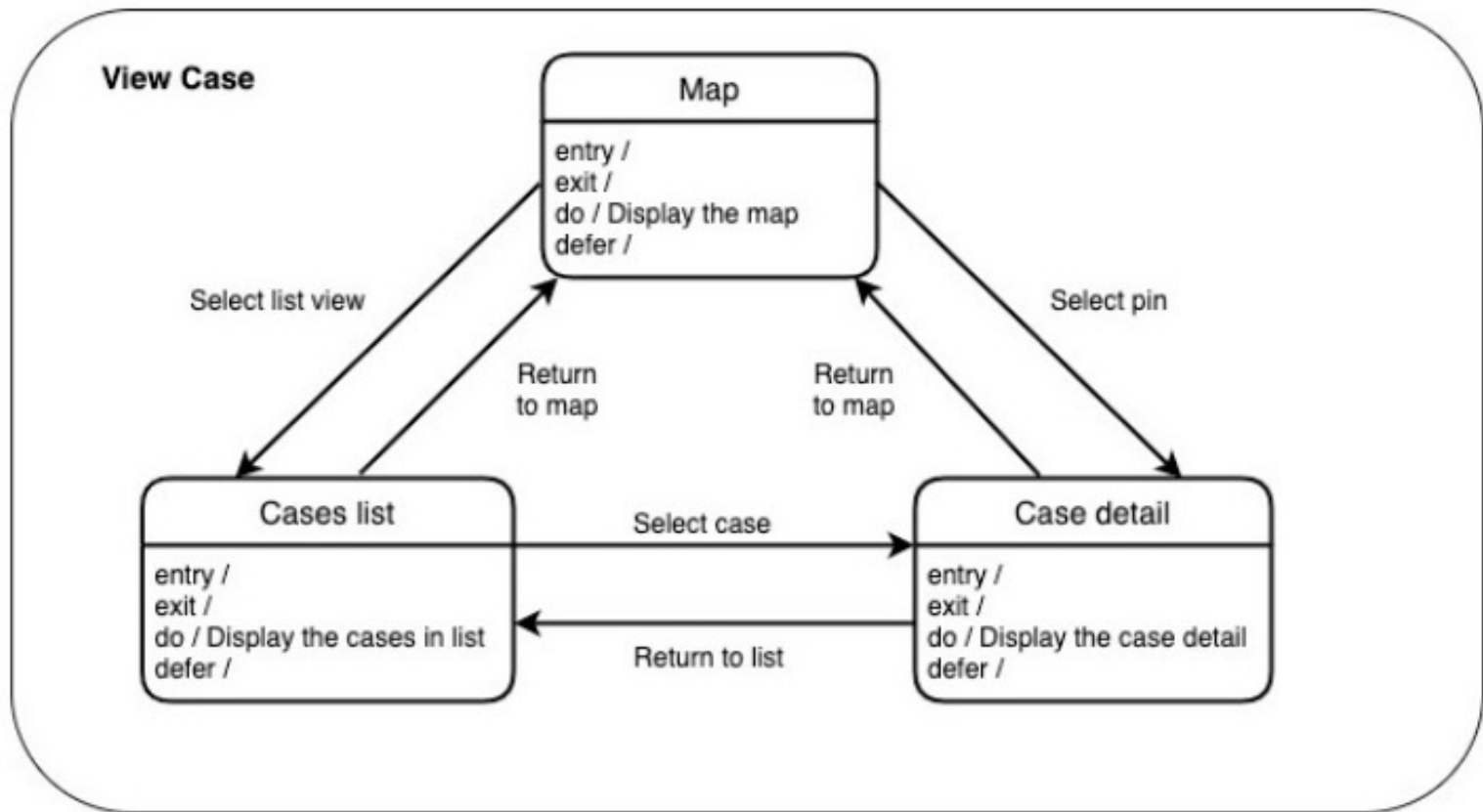
# System design

## ● State diagram



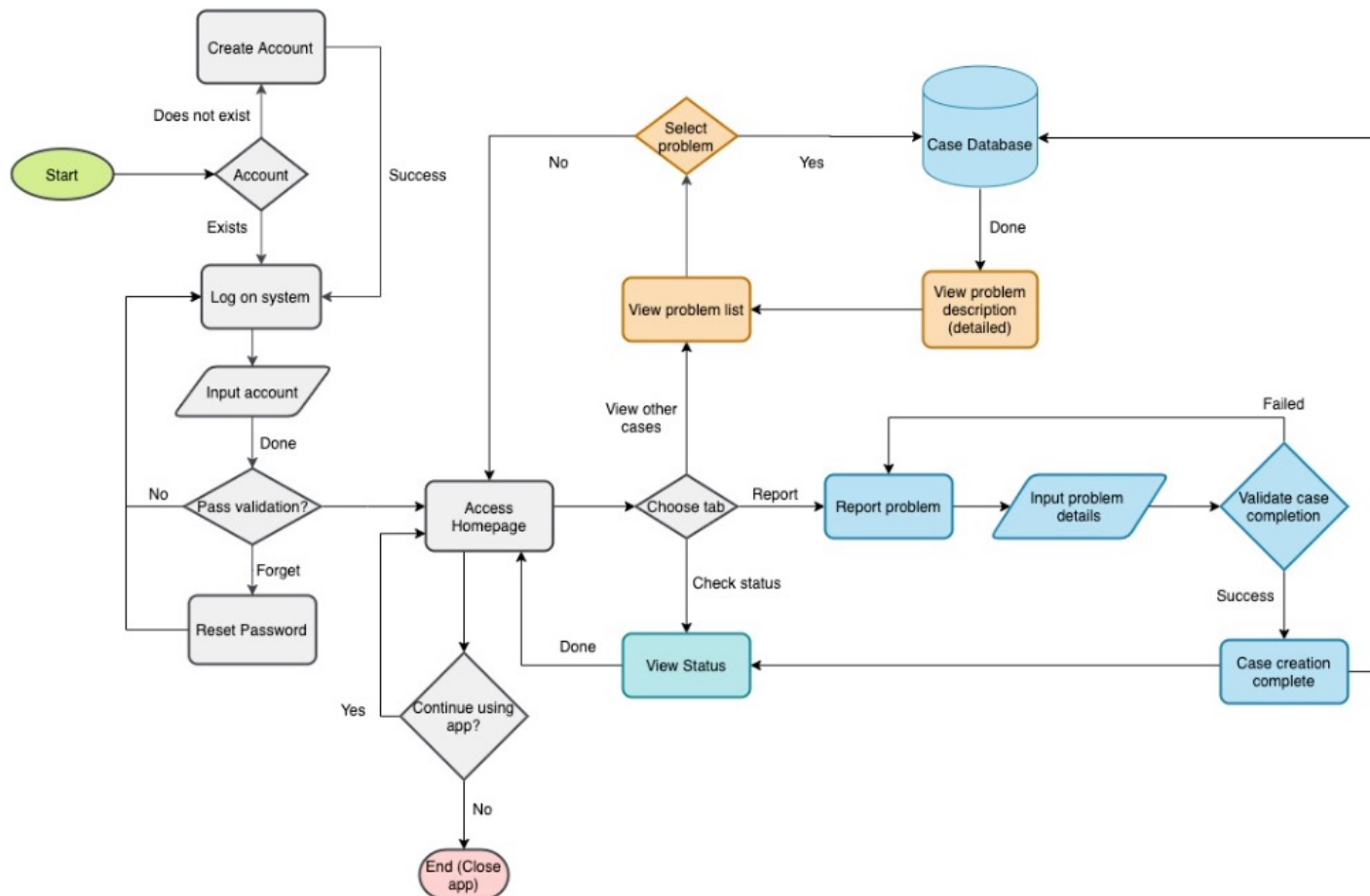
# System design

## ● State diagram



# System design

## ● Flow chart





# Development

- Data development
- Frontend development
- Backend development

# Simulation

# Thank you

- Q & A -

College of Information Science and Engineering  
Ritsumeikan University