



Group Cart

GULI COSTA, AISHA ABDULLAHI, NICK ROBERTS AND ADAM BYLE

What is GroupCart ?



Vision

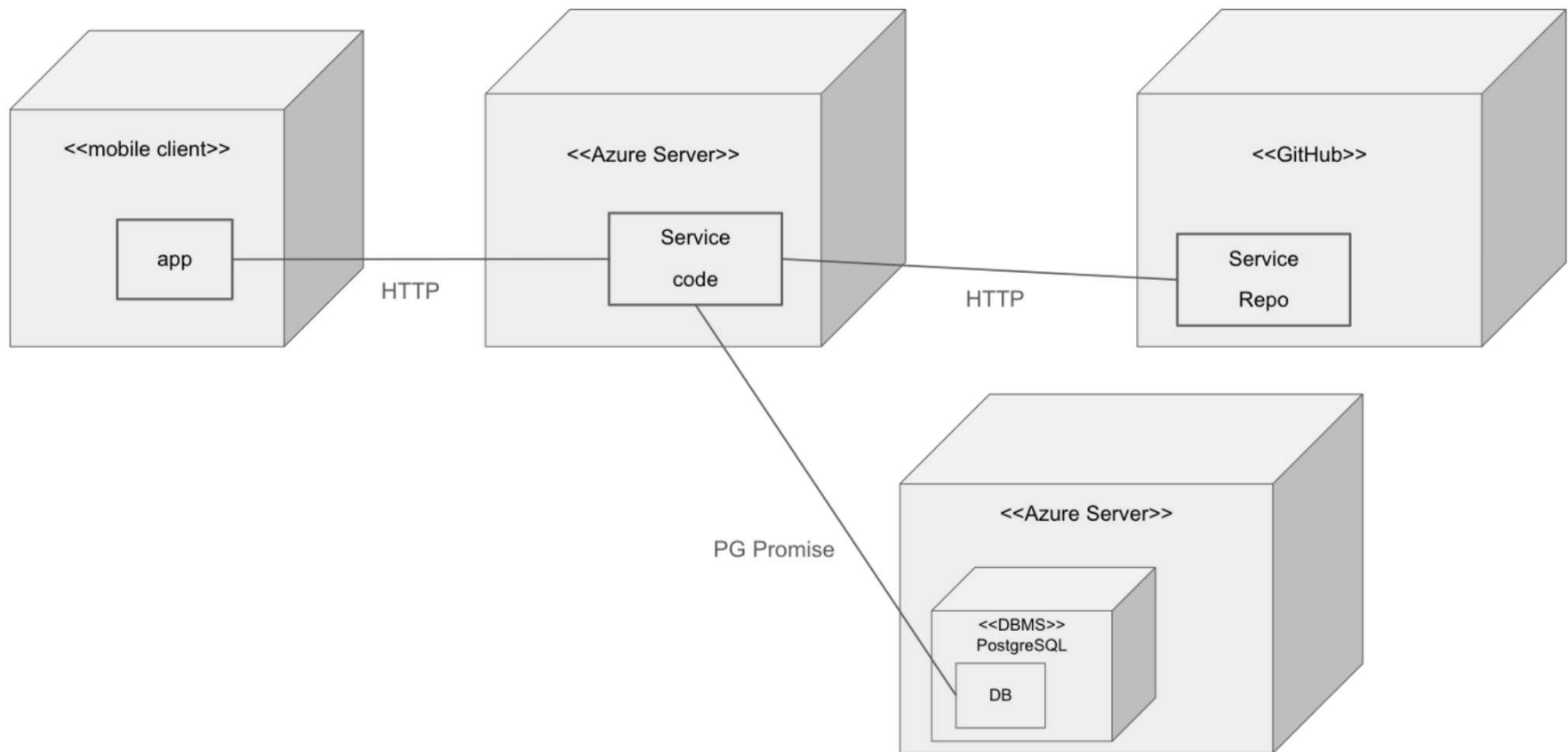
- **Collaborative grocery checklist application**
- **Members are able to add and update grocery items**
- **Users can check off items once purchased and record prices**





Demonstration

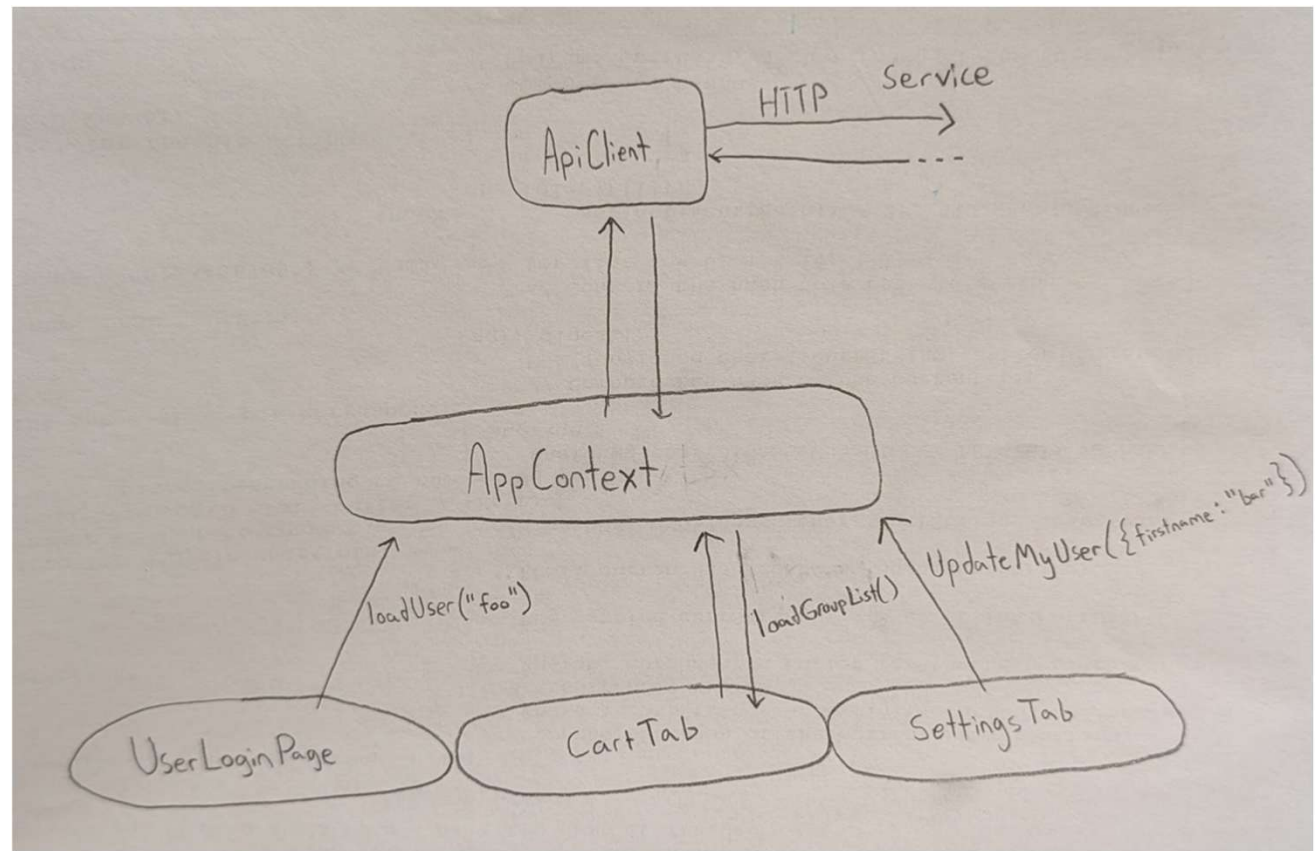
Deployment Diagram



System Design

Frontend

- React
- Service Class
- Context
- UI




Assessment






Strengths

- Shared grocery list for multiple users
 - Price tracking
- 




Weaknesses

- Manual Price entry
 - No live update of reimbursed items
- 




Future Functionality

- Mobile notifications for needed items
 - Advanced group management
 - Ability to join more groups
- 



Societal and Ethical Implications

- Encourages responsible spending
 - Promotes fairness and accountability
 - Fosters cooperative living
- 



Q & A