Final project proposal:

State Role:

1. Manage plans and plan benefits.
2. Approve or deny plan applications from individuals.
3. Monitor plan analyses.
4. Approve and assign suppliers.

Person Role:

1. Apply for different plans.
2. Manage personal information.
3. Check own monthly plan benefits and remained benefits.
4. Search service information like service agent locations, food inventory etc.

Supplier Role:

1. Collect and fit food requests from service agents.
2. Foods must have one approved supplier.

Food Bank Role:

1. Have a list of employees, each employee has one account and account’s role work area. List managed by food bank admin.
2. Have a list of volunteers, volunteers also have accounts and work area, managed by dedicated employee.
3. Assign volunteers under different service agent.
4. Manage service agents assigned under food bank.
5. Monitor service agents’ food inventory assigned under it.
6. Post request between food banks. Ask for volunteer supporting or food shortage.
7. Post request to supplier, ask for more food supply.
8. Post emergency food request which has the high priority in request queue.
9. Accept request (common or emergency) from food bank request queue.
10. Accept agent request or post it to food bank request queue.

Service agent Role:

1. Have a list of employees, employee has their own account and related work area.
2. Manage its own food inventory.
3. Post request to food bank to ask food or volunteer help.
4. Manage volunteers assigned under it.

Volunteer Role:

1. Search benefited person’s plan information by provide ID.
2. Manage personal information.
3. Accept volunteer shortage request from food bank or service agent.
4. Check personal volunteer experience and time table.