RESTAURANT AUTOMATION

GROUP 18

[IT314 SOFTWARE ENGINEERING]

Lab Report 5

[Modeling Requirements into Activity Diagram]

SPRINTS

Login/Register:

- User visits Sign In/Sign Up page
- Verification
- Storing data

Table:

- Select table for dine-in or reserve for later.
- Check table availability status
- Select available table

Restaurant Menu(User side):

- Select Menu items
- Filter items based on category
- Filter items based on pricing
- Search a specific food item

Restaurant (Admin side):

- Edit employee details
- Update menu
- Login/Sign up
- Verification
- Sales report (Based on sold items and sales)

Cart:

- Add/remove items to cart
- Edit quantity
- Confirm order
- Display total expense
- Redirect to payment

Payment:

- UPI
- Cash
- Credit card
- Validation
- Soft copy of bill

Feedback:

- Give star rating
- Give additional comments

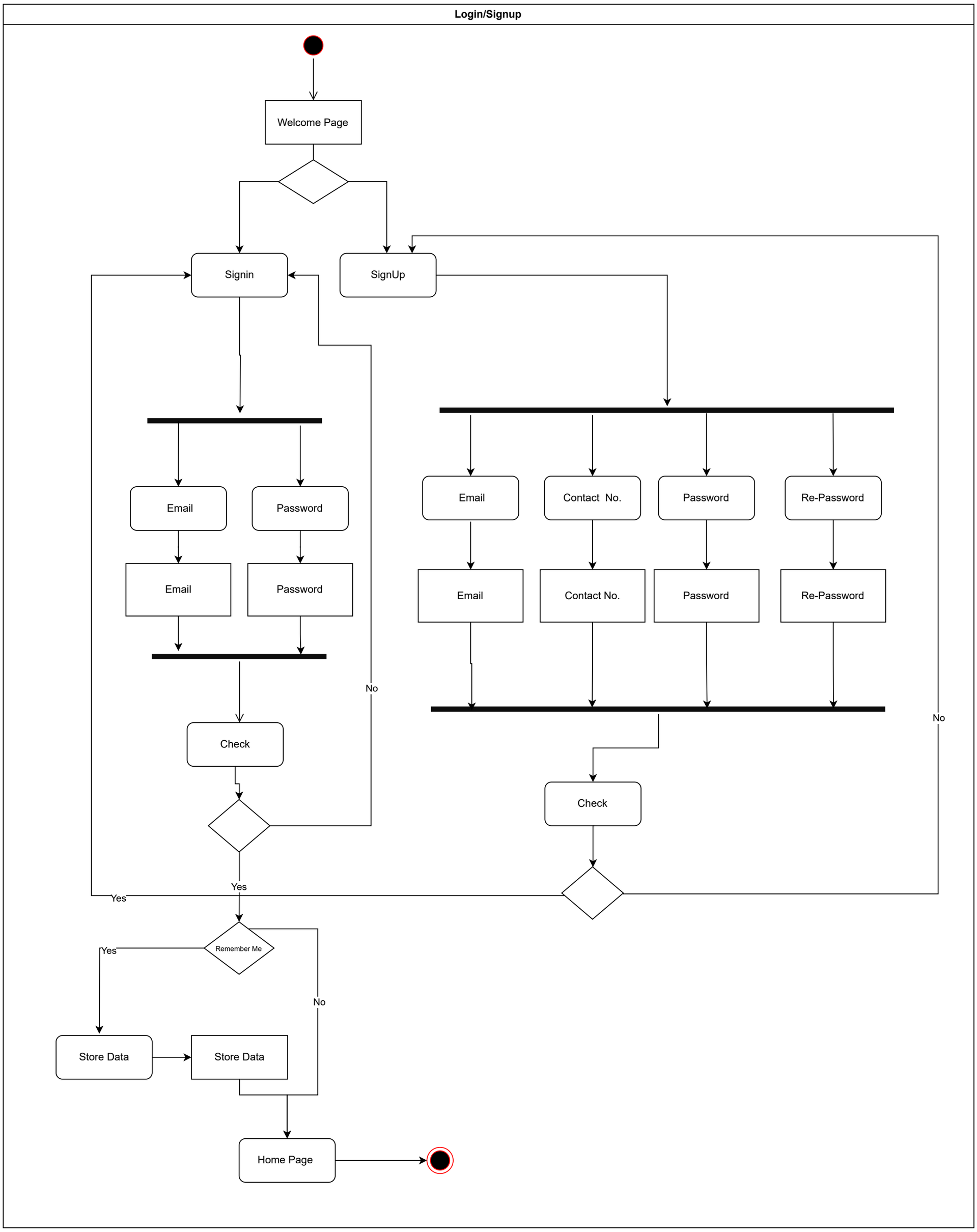
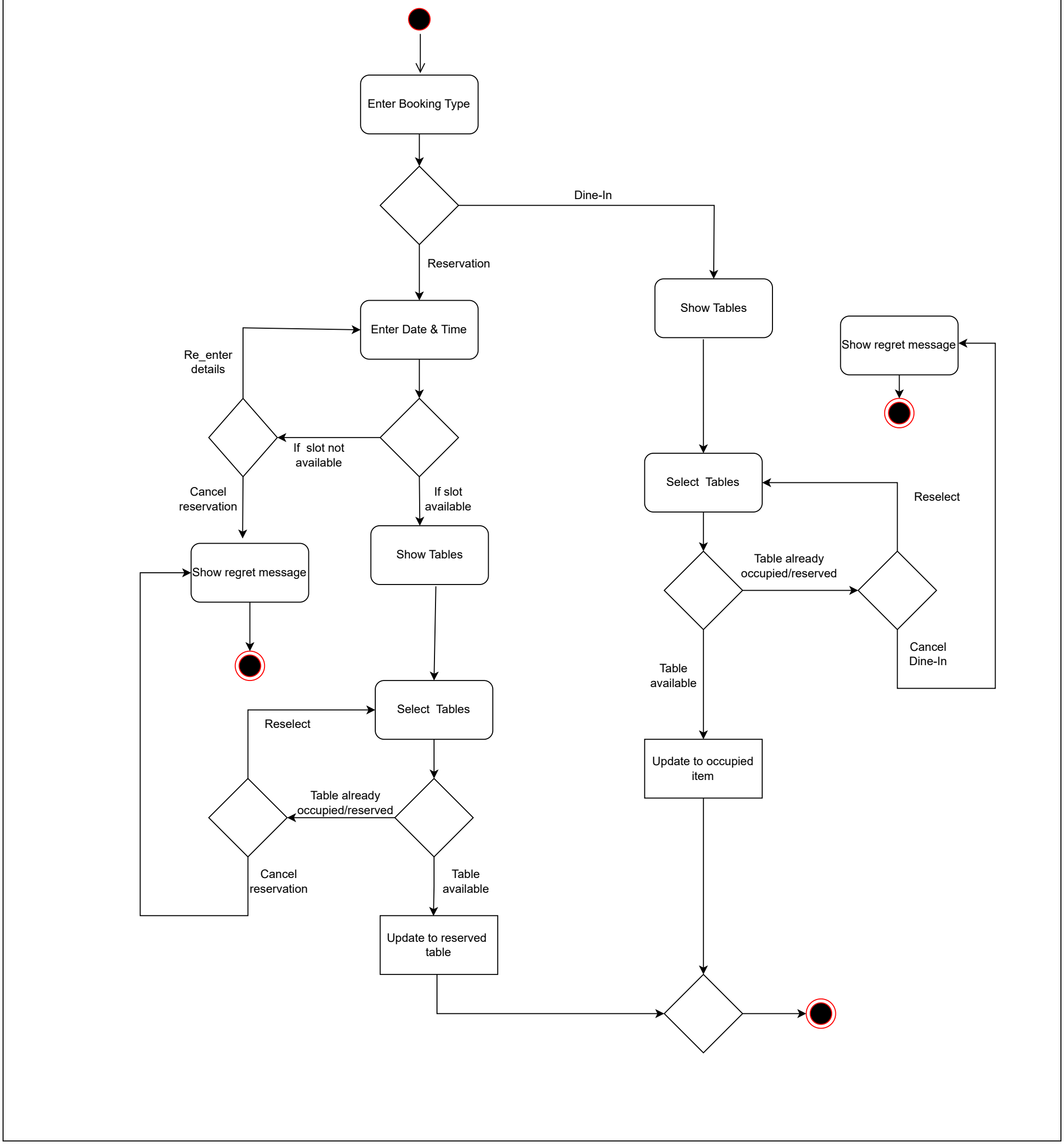
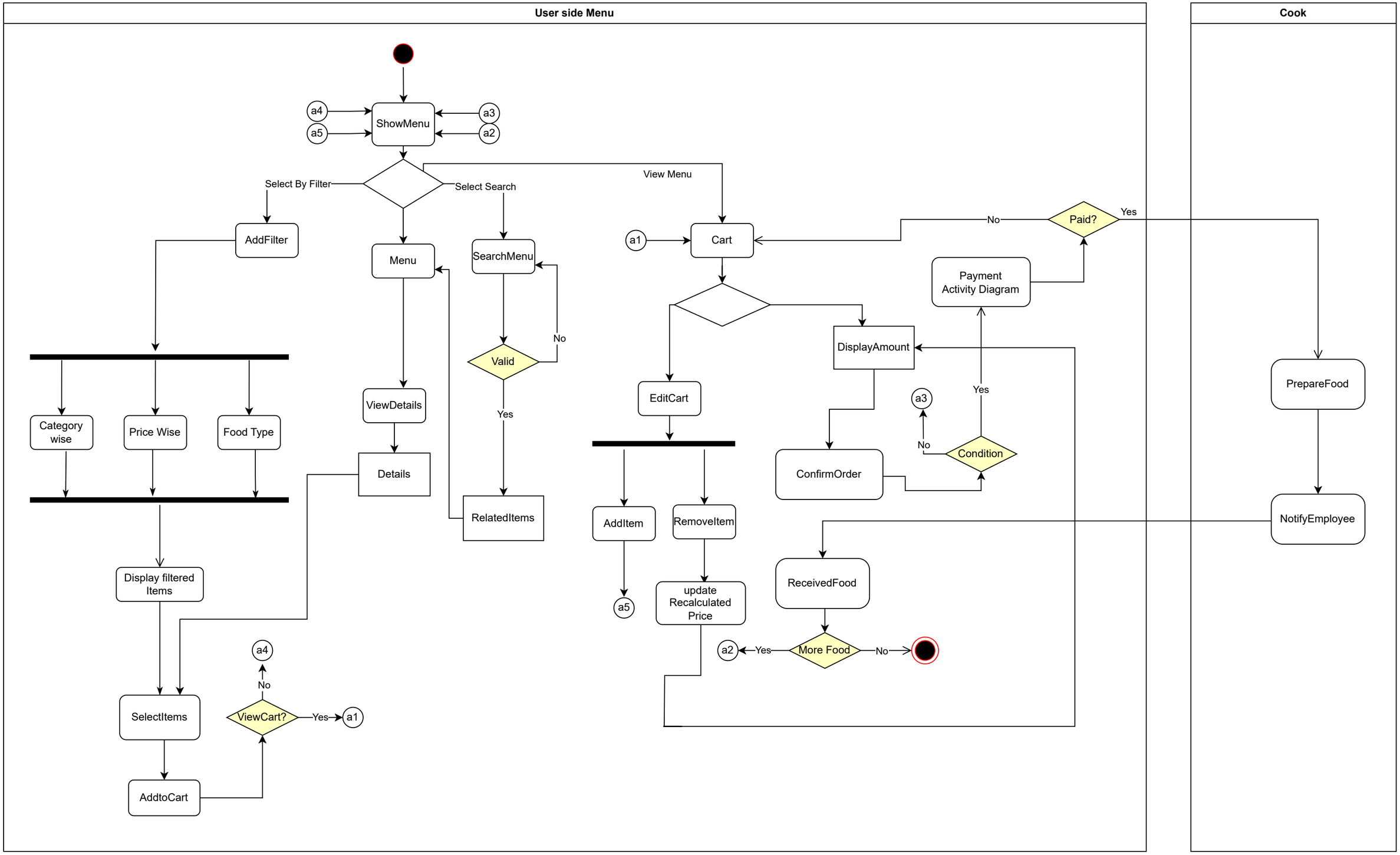
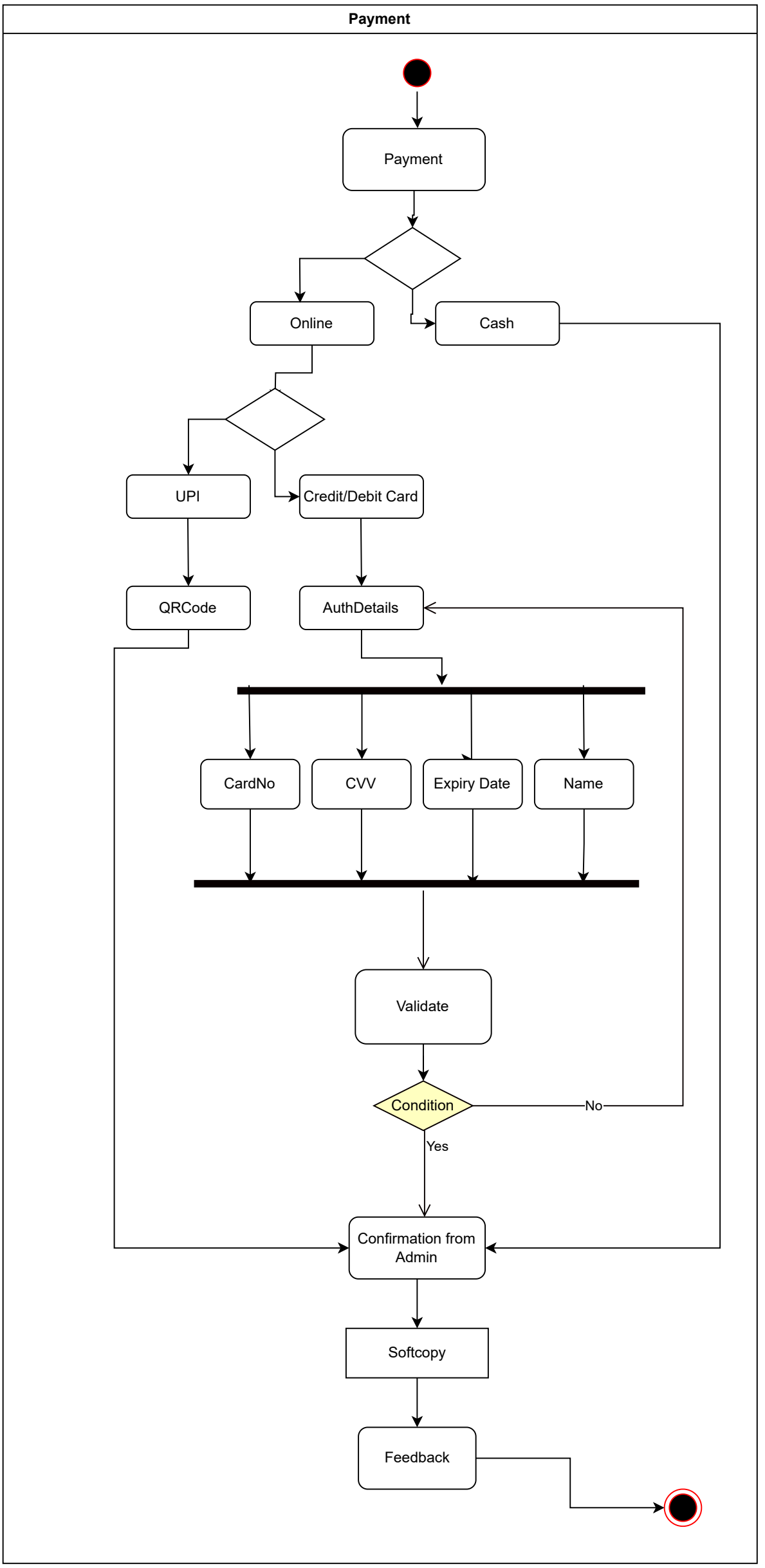
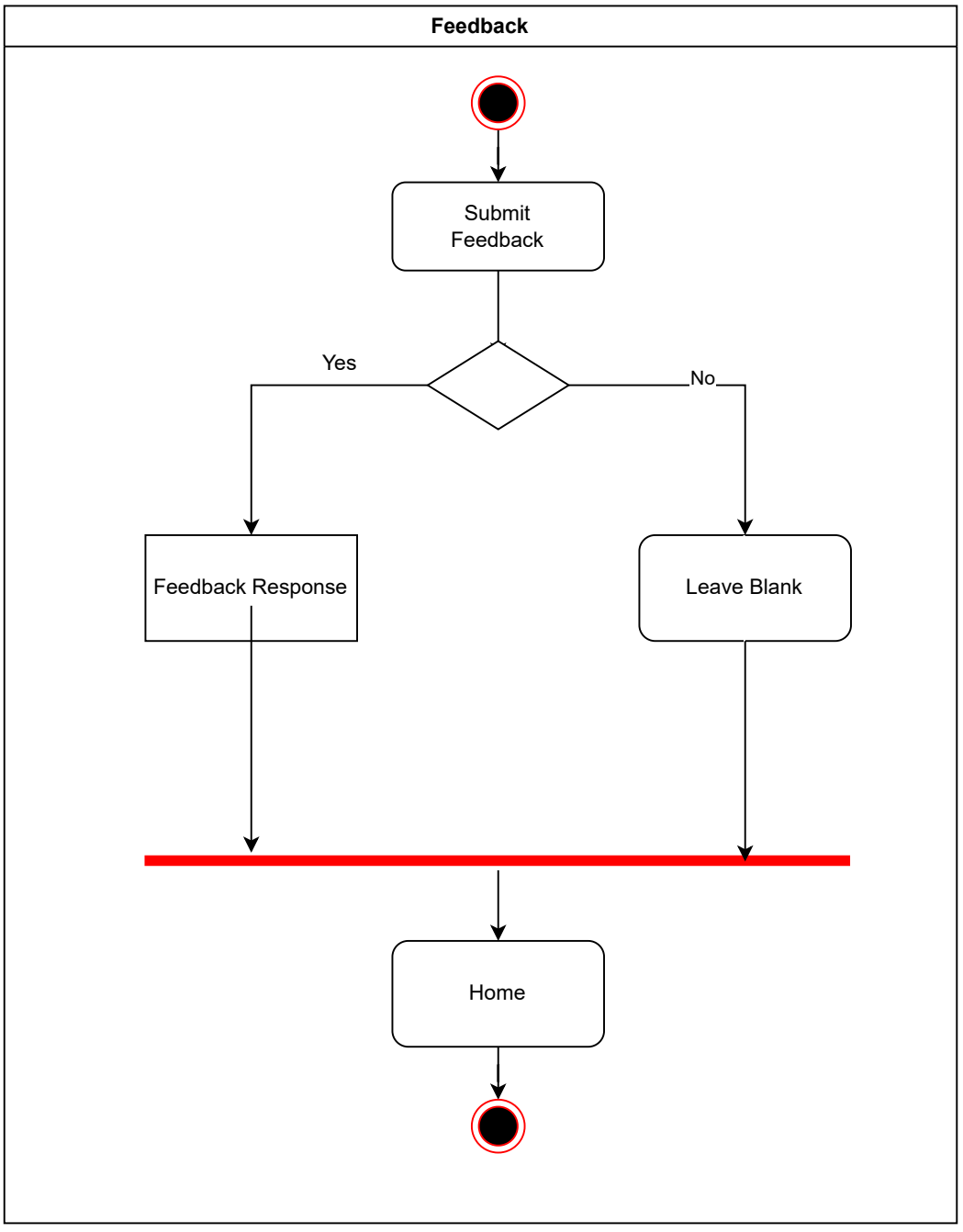

Login/Signup
Welcome Page
Signin
SignUp
Email
Password
Email
Password
Email
Contact No.
Password
Re-Password
Email
Contact No.
Password
Re-Password
No
No
Check
Check
Yes
Yes
Remember Me
Yes
No
Store Data
Store Data
Home Page

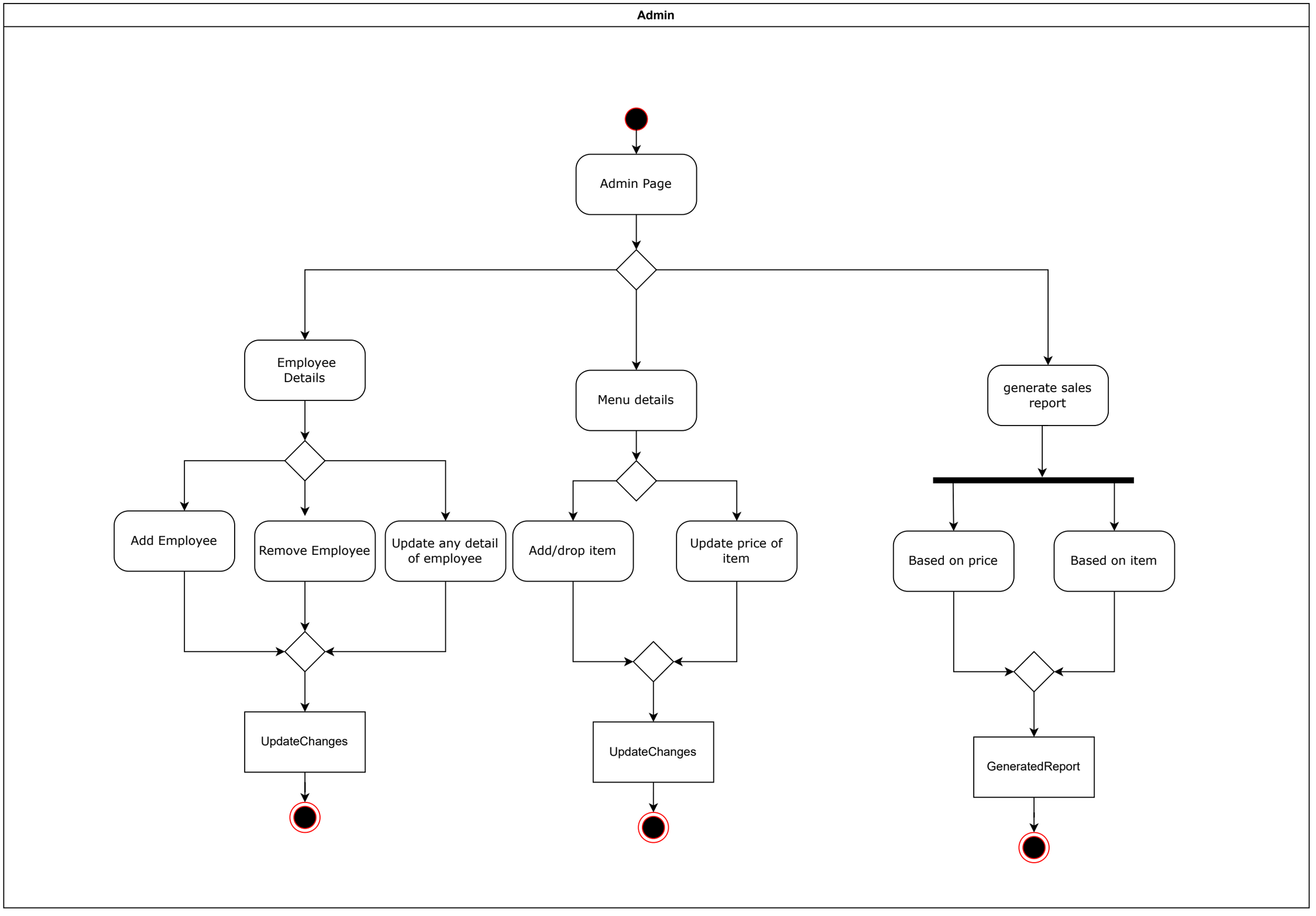
Table Allocation




User side Menu
Cook
ShowMenu
a4
a5
a3
a2
Select By Filter
Select Search
View Menu
AddFilter
Menu
SearchMenu
Valid
No
Yes
Category wise
Price Wise
Food Type
ViewDetails
Details
RelatedItems
Display filtered Items
SelectItems
ViewCart?
No
Yes
a1
a4
AddtoCart
a1
Cart
EditCart
AddItem
RemoveItem
a5
update Recalculated Price
DisplayAmount
Payment Activity Diagram
Paid?
No
Yes
a3
No
Condition
Yes
ConfirmOrder
ReceivedFood
a2
Yes
More Food
No
PrepareFood
NotifyEmployee


Payment
Payment
Online
Cash
UPI
Credit/Debit Card
QRCode
AuthDetails
CardNo
CVV
Expiry Date
Name
Validate
Condition
No
Yes
Confirmation from Admin
Softcopy
Feedback


Feedback
Submit Feedback
Yes
No
Feedback Response
Leave Blank
Home


Admin
Admin Page
Employee Details
Add Employee
Remove Employee
Update any detail of employee
UpdateChanges
Menu details
Add/drop item
Update price of item
UpdateChanges
generate sales report
Based on price
Based on item
GeneratedReport