Canteen Management System The objective of this system is to automate all the activities of the canteen right from purchasing and to maintaining the kitchen. The manager should maintain a detailed account info. Waiter will take order and serve food and at the canteen. Reception will provide several inquiry facilities will provide to view expenses incurred, and provide bill. In short following are the list of facilities which should be provided to the customer: Customer search for items with rates, daily menu preparation, daily transactions, availability of information on intranet for reports and inquiries, purchases and issues and issues. Canteen Management System Use Case for canteen Management System Maintain Account Receive Order **Daily Transaction** Serve Food Manager Daily Menu Purchase & Issue Give Order Waiter Ask For Rate Search For Item Customer Eat food Receptionist Provide Bill Pay Bill Report and Inquiries State Chart Diagram for **Customer Order** Search For Food Ask For Rate Order Food Eat Food Ask For Bill Pay Bill Sequence Diagram for **Customer Order** Customer Receptionist Waiter 1:Search for food 2:Ask for rate 3: Order Food 3.1:Receive Food 4: Ask for bill 4.1: Receive Bill Copy 5: Pay Bill Collaboration Diagram canteen Management system Maintain account info Manager Receptionist 1:Search for food▲ 2:Ask For Rate 4:Ask for Bill 5:Pay Bill 4:1: Receive Bill Copy 3:Place order for food <u>Customer</u> <u>Waiter</u> 3.1:Serve Food **Activity Diagram for Customer Order** Search For Food Not Available Available Ask for rate Order Food Receive food Eat Food Ask for Bill Pay Bill **CRC Diagram for Canteen** Management system Manager Receptionist Resposibilities Collaborations Resposibilities CollaborationsMaintain Account Info() Daily menu Preparation() Daily Transaction() Purchase & Issue()
Purchase & Issue()
Privide Info for search
item with rate()
Report & Inquiries()
Prepare Bill()
Receive Bill() Customer Resposibilities Collaborations Search Forfood()
Ask for rate() Receptio nist Resposibilities Collaborations (Provide search info & rate) Receive Order() Give Order() (Provide Bill) Serve Food() Eat Food () (Receive Payment) Ask for Bill () Waiter Pay Bill() (Serve Food)

Maintain Account Info()
Receptionist