

Interactive Retail Management Application(IRMA)

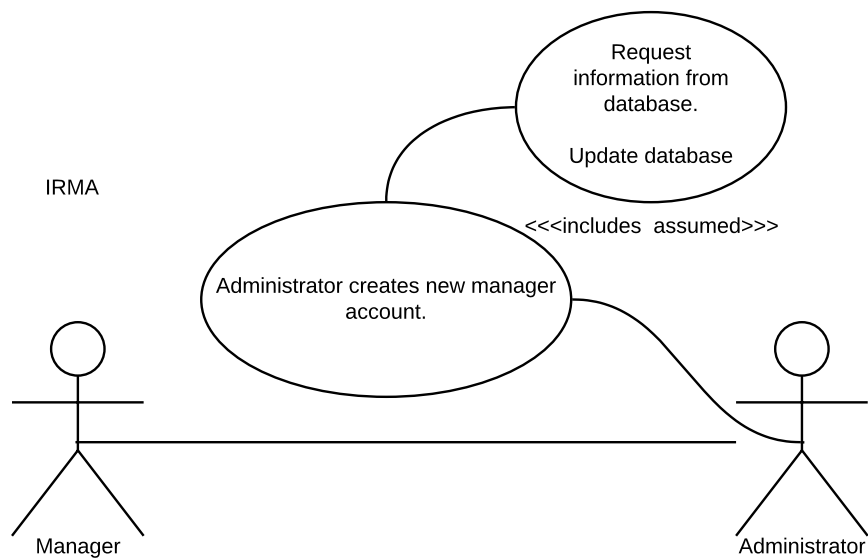
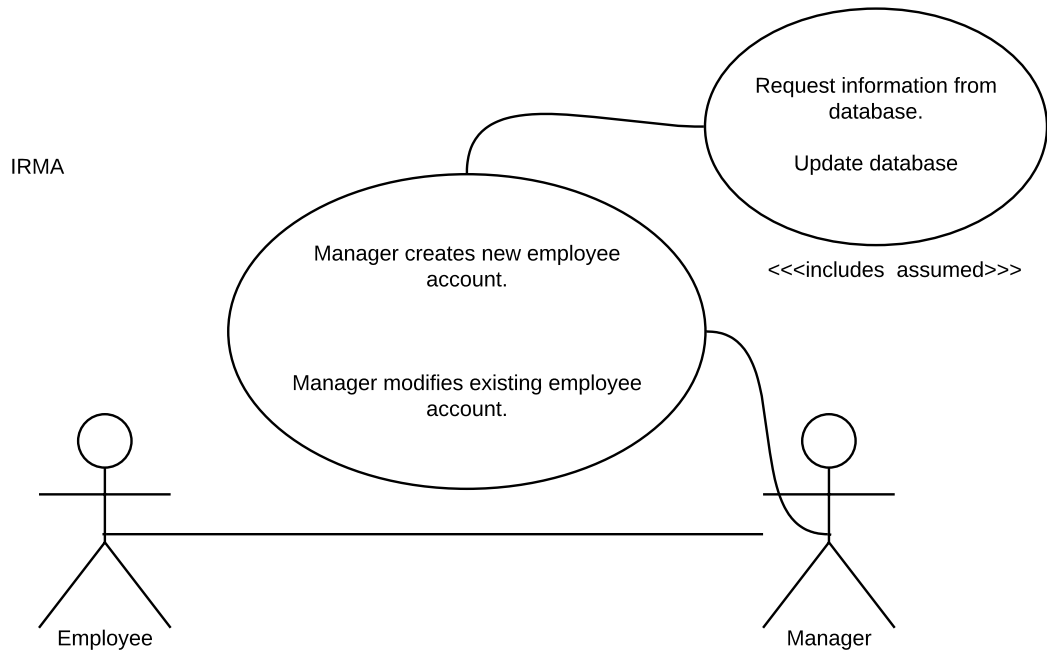
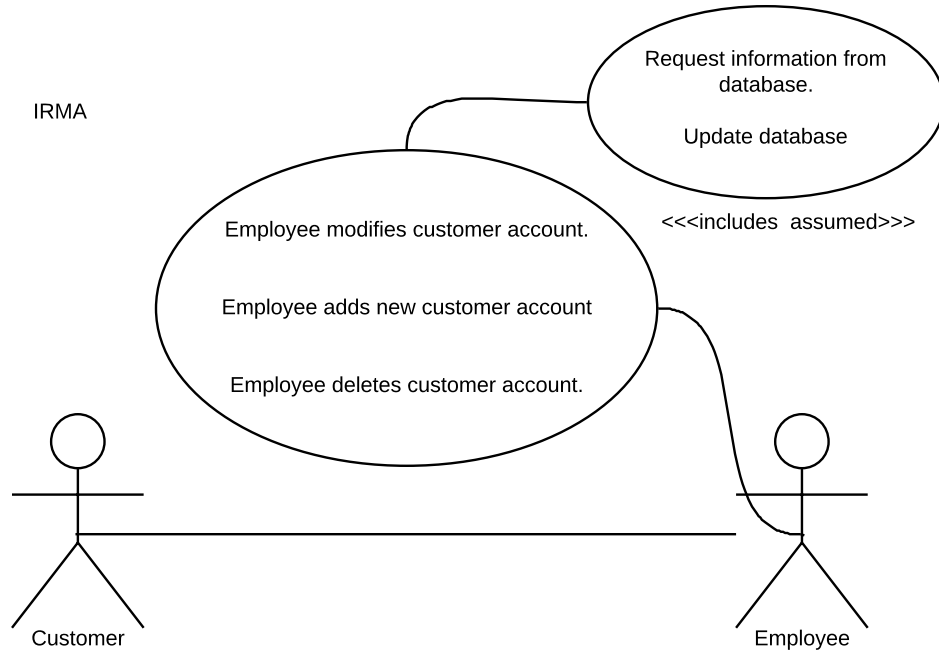
Use Case

Skynet Solutions:

Jason Lyle

Yiheng Jiang

Hieu Vo



Use Case 1: Employee creates new account for a customer.

Actor(s):

Customer

Employee

Pre-requisite(s):

Employee already has an active Employee account.

Customer can provide personal information and proof of identity for setting up a new account.

Use Case:

The Employee first logs into IRMA on terminal and providing valid and accurate user-name and password. IRMA will display default menu after login. The Employee then selects 'Add New Customer' from the default menu. IRMA will display the Add New Customer menu. The Employee will ask customer for their information and fill in the relevant fields.. IRMA will check whether or not the username and password meet the requirements (Username was used, password length, special characters ...). If the requirements were met, IRMA will create a new account for the customer and save all information in database. The Employee will then select "Close" and the information window will close. The Employee will then select "Logout" and be returned to the default login menu.

Use Case 2: Employee modifies account information of Customer

Actor(s):

Employee

Customer

Pre-requisite(s):

Customer already has an active Customer account.

Employee already has an active employee account.

Use Case The Employee first logs into IRMA on terminal, providing valid and accurate user-name and password. IRMA then displays default Employee menu after login. The Employee then selects 'Modify Customer' from the employee default menu. IRMA will display the Modify menu. The Employee will ask the Customer for their username and input into the appropriate fields. IRMA will then populate the remaining fields with the appropriate information. The Employee will need to ask the Customer the information which needs to change, and after modifying the fields, click "Save". If there are some changes to the username or password, IRMA will check whether or not the username and password meet the requirements. If the requirements were met, IRMA will modify the Customer account and save all changes to database. The Employee will then select "Close". IRMA returns to the manager default menu after account was modified. After that, the Employee will log out of manager's menu and return to the login menu.

Use Case 3: Employee deletes existing Customer account.

Actor(s):

Employee

Customer

Pre-requisite(s):

Employee already has the active Employee account.

Customer already has the customer account.

Use Case:

The Employee logs in to IRMA by the login terminal, providing the valid and accurate use-name and password. IRMA displays the main Employee menu and the Employee selects "Delete Customer" from the main menu. IRMA will display the Delete menu. The Employee will have to input the Customer username for deletion. After typing in the username, the Employee will then select "Enter" from the menu. IRMA will populate the relevant fields for the account to be delete. The Employee then selects "Save" and IRMA will archive the account. The Employee will then select "Close", and the information window will close. After that, the Employee will log out of Employee menu by selecting "Logout" and return to default login menu.

Use Case 4: Manager creates new account for new customer.

Actor(s):

Customer

Manager

Pre-requisite(s):

Manager already has an active manager account.

Customer can provide personal information and proof of identity to able to set up a new account.

Use Case:

The Manager first logs into IRMA on terminal and providing valid and accurate user-name and password. IRMA will display default menu after login. The Manager then selects 'Add New Customer' from the default menu. IRMA will display the Add New Customer menu. The Manager will ask Customer for their information and fill in the relevant fields.. IRMA will check whether or not the username and password meet the requirements (Username was used, password length, special characters ...). If the requirements were met, IRMA will create a new account for the Customer and save all information in database. The Manager will then select "Close" and the information window will close. The Manager will then select "Logout" and be returned to the default login menu.

Use Case 5: Manager creates new account for new employee.

Actor(s):

employee

Manager

Pre-requisite(s):

Manager already has the manager account.

Employee provide personal information and proof of identity to able to set up a new account.

Use Case:

The Manager first logs into IRMA on terminal and providing valid and accurate user-name and password. IRMA will display default menu after login. The Manager then selects 'Add New Employee' from the default menu. IRMA will display the Add New Employee menu. The Manager will ask Employee for their information and fill in the relevant fields.. IRMA will check whether or not the username and password meet the requirements (Username was used, password length, special characters ...). If the requirements were met, IRMA will create a new account for the Employee and save all information in database. The Manager will then select "Close" and the information window will close. The Manager will then select "Logout" and be returned to the default login menu.

Use Case 6: Manager modifies account information of Employee.

Actor(s):

Manager

Employee

Pre-requisite(s):

Employee already has an active Employee account.

Manager already has an active manager account.

Use Case The Manager first logs into IRMA on terminal, providing valid and accurate user-name and password. IRMA then displays default Manager menu after login. The Manager then selects 'Modify Employee' from the manager default menu. IRMA will display the Modify menu. The Manager will ask the Employee for their username and input into the appropriate fields. IRMA will then populate the remaining fields with the appropriate information. The Manager will need to ask the Employee the information which needs to change, and after modifying the fields, click "Save". If there are some changes to the username or password, IRMA will check whether or not the username and password meet the requirements. If the requirements were met, IRMA will modify the Employee account and save all changes to database. The Manager will then select "Close". IRMA returns to the manager default menu after account was modified. After that, the Manager will log out of manager's menu and return to the login menu.

Use Case 7: Manager modifies account information of Customer

Actor(s):

Manager

Customer

Pre-requisite(s):

Customer already has an active Customer account.

Manager already has an active manager account.

Use Case The Manager first logs into IRMA on terminal, providing valid and accurate user-name and password. IRMA then displays default Manager menu after login. The Manager then selects 'Modify Customer' from the manager default menu. IRMA will display the Modify menu. The Manager will ask the Customer for their username and input into the appropriate fields. IRMA will then populate the remaining fields with the appropriate information. The Manager will need to ask the Customer the information which needs to change, and after modifying the fields, click "Save". If there are some changes to the username or password, IRMA will check whether or not the username and password meet the requirements. If the requirements were met, IRMA will modify the Customer account and save all changes to database. The Manager will then select "Close". IRMA returns to the manager default menu after account was modified. After that, the Manager will log out of manager's menu and return to the login menu.

Use Case 8: Manager deletes existing Employee account.

Actor(s):

Manager

Employee

Pre-requisite(s):

Employee already has an active Employee account.

Manager already has an manager account.

Use Case:

The Manager logs in to IRMA by the login terminal, providing the valid and accurate use-name and password. IRMA displays the main manager menu and the Manager selects "Delete Employee" from the main menu. IRMA will display the Delete menu. The Manager will have to input the Employee username for deletion. After typing in the username, the Manager will then select "Enter" from the menu. IRMA will populate the relevant fields for the account to be delete. The Manager then selects "Save" and IRMA will archive the account. The Manager will then select "Close", and the information window will close. After that, the Manager will log out of Manager's menu by selecting "Logout" and return to default login menu.

Use Case 9: Manager deletes existing Customer account.

Actor(s):

Manager

Customer

Pre-requisite(s):

Customer already has an active Customer account.

Manager already has an manager account.

Use Case:

The Manager logs in to IRMA by the login terminal, providing the valid and accurate username and password. IRMA then displays the main manager menu. The Manager selects the "Delete Customer" from the main menu. IRMA will display the Delete menu. The Manager will have to input the Customer username, and select "Enter". The relevant fields will populate with the account information. The Manager then selects "Save" and IRMA archives all the information from database of the selected Customer account. The Manager will then click "Close" on the information window, which will close. After that, the Manager will log out of Manager's menu and come back to default menu.

Use Case 10: Admin creates new account for new Manager.

Actor(s):

Manager

Admin

Pre-requisite(s):

Admin already has an active Admin account.

Use Case:

The Admin first logs into IRMA on terminal by providing valid and accurate user-name and password. IRMA then displays default administrative menu after login. The Admin then selects 'Add New Manager' from the administration default menu. IRMA will display the Add New Manager menu. Admin will ask manager for their information and choose their username and password. Once the information has been typed into the appropriate fields, the Admin will click "Save". IRMA will check whether or not the username and password meet the requirements (Username was used, password length, special characters ...). If the requirements were met, IRMA will create account for new Manager and save all information in database. The Admin will then select "Close" and the information window will close. The Admin will then select "Logout" and be returned to the default login menu.

Use Case 11: Admin modifies account information of Manager.

Actor(s):

Manager

Admin

Pre-requisite(s):

Admin already has an active Admin account.

Manager already an the manager account.

Use Case The Admin first logs into IRMA on terminal, providing valid and accurate user-name and password. IRMA then displays default Administrative menu after login. The Admin then selects 'Modify Manager' from the administration default menu. IRMA will display the Modify menu. The Admin will ask the manager for their username and input into the appropriate fields. IRMA will then populate the remaining fields with the appropriate information. The Admin will need to ask the Manager the information which needs to change, and after modifying the fields, click "Save". If there are some changes to the username or password, IRMA will check whether or not the username and password meet the requirements. If the requirements were met, IRMA will Modify Manager account and save all changes to database. The Admin will then select "Close". IRMA returns to the admin's default menu after account was Modified. After that, the admin will log out of Admin's menu and return to the login menu.

Use Case 12: Admin deletes existing Manager account.

Actor(s):

Manager

Admin

Pre-requisite(s):

Admin already has an active Admin account.

Manager already has an active manager account.

Use Case:

The Admin first logs into IRMA on terminal, providing the valid and accurate use-name and password. IRMA displays the Administrative menu and the Admin selects "Delete Manager" from the Administrative menu. IRMA will display the Delete menu. The Admin will have to input the Manager username into the appropriate field and then click enter. IRMA will then populate the fields with the information from the account to be deleted, for verification that the correct account was selected. The Admin then selects "Save" from the menu, and IRMA will archive the account in question. The Admin will then select "Close" from the information window. The admin will be returned to the default administrative menu. The admin will log out of administrative menu and be returned to default login menu.