



HUSTLE

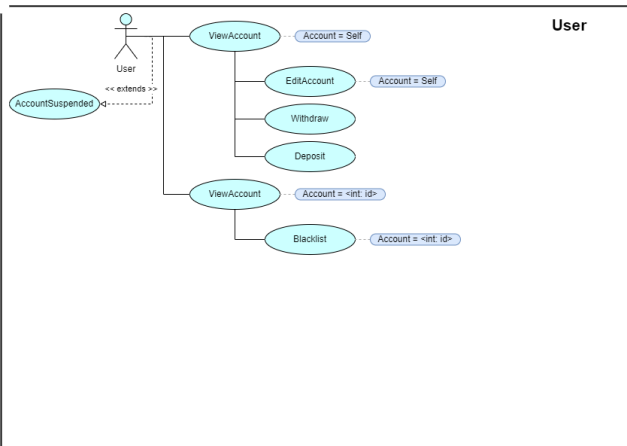
3 Musketeers and a Rifleman

Use Case & Activity Diagrams

Last Updated: 4/16/22

Managed by Bennett DenBleyker

Use Cases



Name: Withdraw
Participating Actors: User
Entry Conditions:

- The User would like to withdraw funds

Exit Conditions:

- The funds have been withdrawn from the User's account

Event Flow:

1. Site prompts for the withdrawal amount
2. User enters withdrawal amount
3. User clicks Withdraw
4. Site removes the amount from the User's account

Name: EditAccount
Participating Actors: User
Entry Conditions:

- The User would like to edit settings associated with a specific User

Exit Conditions:

- The settings associated with the specified User has been modified as intended

Event Flow:

1. Site shows all settings (other than username and password) associated with a specific User inside of input fields
2. Site shows the username as a static value
3. Site allows the user to change password if they provide the current password
4. User enters or changes the values of the input fields
5. User clicks Save
6. Site stores/replaces the data in the database

Name: ViewAllJobs
Participating Actors: User
Entry Conditions:

- The User would like to view all jobs

Exit Conditions:

- The User has a list of jobs before them

Event Flow:

1. Site shows a list of all jobs
2. User can select sorting and/or filtering options based on the jobs' metadata
3. Site shows sorted/filtered data (and returns to step 2)

Name: ViewAccount
Participating Actors: User
Entry Conditions:

- The User has seen the data for the specified User

Exit Conditions:

- The User would like to view data associated with a specific User

Event Flow:

1. Site shows all data associated with a specific User

Name: AccountSuspended
Participating Actors: User
Entry Conditions:

- Some action has been attempted
- The User's account has been suspended

Exit Conditions:

- No actions have been or can be taken

Event Flow:

1. Site prevents log in attempts

Name: Blacklist
Participating Actors: User
Entry Conditions:

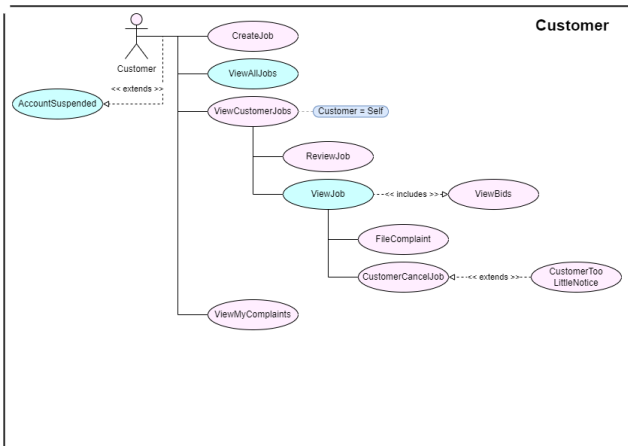
- The User would like to blacklist another user

Exit Conditions:

- The other user is marked as blacklisted

Event Flow:

1. Site adds other user to the User's blacklist



Name: CreateJob
Participating Actors: Customer
Entry Conditions:

- Customer has a job they want completed

Exit Conditions:

- Job is created and on the job list

Event Flow:

1. Customer visits job creation page
2. Site prompts for a job type from a list
3. Customer selects a job type
4. Site displays typical costs and prompts for the job information and starting price
5. Customer inputs job information and starting price and submits the form
6. Site stores the information on the database, and marks the job as up for bidding

Name: CustomerTooLittleNotice
Participating Actors: Customer
Entry Conditions:

- The Customer has tried to cancel a job too close to the start time

Exit Conditions:

- The Customer must proceed with the job

Event Flow:

1. Site displays an error

Name: ReviewJob
Participating Actors: Customer
Entry Conditions:

- The Customer has selected a job that has been marked completed, but not reviewed

Exit Conditions:

- A review has been tied to the worker

Event Flow:

1. Site shows the job information and the Worker who completed it, and prompts for a review (out of 5 stars) and an optional comment
2. Customer selects a rating
3. Customer optionally writes a comment
4. Customer clicks Submit
5. Site marks the job as reviewed, stores the information, and associates the review with the appropriate Worker

Name: ViewComplaint
Participating Actors: Customer
Entry Conditions:

- The Customer would like to view the status and content of a specific one of their complaints

Exit Conditions:

- The Customer has seen the data for the specified complaint

Event Flow:

1. Site prompts for information regarding the complaint
2. Customer provides information regarding their complaint
3. Customer clicks Submit
4. Site shows a confirmation popup
5. Customer accepts (or cancels and returns to step 2)
6. Site stores the information to the database, and marks the complaint for review

Name: ViewCustomerJobs
Participating Actors: Customer
Entry Conditions:

- The Customer has selected a job that they would like to cancel

Exit Conditions:

- The Job has been cancelled

Event Flow:

1. Site displays a confirmation popup
2. Customer clicks Yes
3. Site marks the job as cancelled, and removes it from the Worker's job list
4. Site stores the fact of cancellation to the Customer's account

Name: ViewBids
Participating Actors: Customer
Entry Conditions:

- The Customer has selected a job that is up for bidding

Exit Conditions:

- One bid is accepted and the rest are rejected

Event Flow:

1. Site shows all bids on the given job with information
2. Customer clicks Accept on a bid
3. Site shows a confirmation popup repeating the bid information, and notifies that money will be immediately returned from the account
4. Customer accepts (or cancels and returns to step 4)
5. Site marks the accepted bid as Accepted, and all others as Rejected, marks the job as not up for bidding, and removes the money from the Customer's account

Name: ViewMyComplaints
Participating Actors: Customer
Entry Conditions:

- The Customer would like to view the status of their complaints

Exit Conditions:

- The Customer has a list of their complaints before them

Event Flow:

1. Site shows a list of all complaints
2. User can select sorting and/or filtering options based on the complaints' metadata
3. Site shows sorted/filtered data (and returns to step 2)

Name: ViewAllComplaints
Participating Actors: Customer
Entry Conditions:

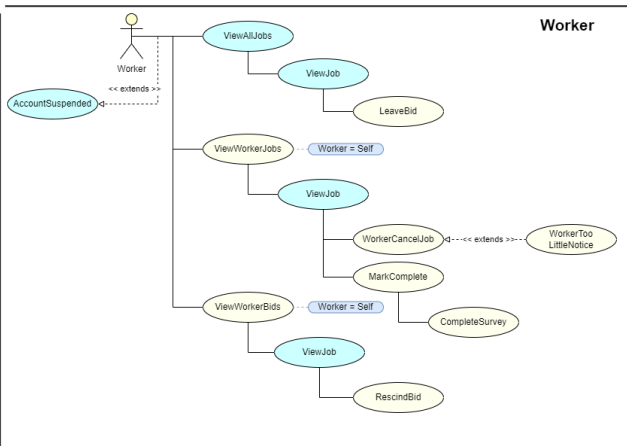
- The Customer would like to view all complaints

Exit Conditions:

- The Customer has a list of their complaints before them

Event Flow:

1. Site shows a list of all complaints
2. User can select sorting and/or filtering options based on the complaints' metadata
3. Site shows sorted/filtered data (and returns to step 2)



Name: LeaveBid
Participating Actors: Worker
Entry Conditions:

- The Worker has selected a job that is up for bidding

Exit Conditions:

- A new bid has been added to the selected job

Event Flow:

1. Site prompts user for bidding price and an optional comment
2. Worker enters a bidding price and optionally a comment
3. Worker clicks Bid
4. Site checks if this bid conflicts with another, and shows a confirmation popup if it does
5. Worker clicks Continue
6. Site adds the bid to the job for the customer to view

Name: MarkComplete
Participating Actors: Worker
Entry Conditions:

- The Worker has completed the job
- The job has not already been marked complete

Exit Conditions:

- The Worker has been marked complete
- The Worker has been paid

Event Flow:

1. Site displays a survey for the Worker to complete for future Workers to look at
2. Worker completes the survey
3. Worker clicks Complete
4. Site transfers the money to the Worker as specified by the bid, and marks the job as complete

Name: RescindBid
Participating Actors: Worker
Entry Conditions:

- A bid has been selected to be rescinded

Exit Conditions:

- The bid will be dissociated from the job
- Customers will not see the bid in the future

Event Flow:

1. Site shows a confirmation popup
2. Worker clicks OK
3. The bid is removed from the job

Name: WorkerCancelJob
Participating Actors: Worker
Entry Conditions:

- The Worker has selected a job that they would like to cancel

Exit Conditions:

- The job has been cancelled

Event Flow:

1. Site displays a confirmation popup
2. Worker clicks Yes
3. Site marks the job as up for bidding, and removes it from the Worker's job list
4. Site stores the fact of cancellation to the Worker's account

Name: WorkerTooLittleNotice
Participating Actors: Worker
Entry Conditions:

- The Worker has tried to cancel a job too close to the start time

Exit Conditions:

- The Worker must proceed with the job

Event Flow:

1. Site displays an error

Name: ViewWorkerJobs
Participating Actors: Worker
Entry Conditions:

- The User would like to view all jobs a specific Worker has accepted

Exit Conditions:

- The Worker has the list of jobs related to the Worker before them

Event Flow:

1. Site shows a list of all jobs the Worker has accepted
2. User can select sorting and/or filtering options based on the jobs' metadata
3. Site shows sorted/filtered data (and returns to step 2)

Name: CompleteSurvey
Participating Actors: Worker
Entry Conditions:

- The Worker has completed a job

Exit Conditions:

- A Survey has been added to the job's owner's account

Event Flow:

1. Site prompts Worker with the survey fields, including ratings on duration and difficulty, along with text fields
2. Worker fills out the survey fields
3. Worker clicks Submit
4. Site saves the survey and associates it with the proper Customer account

Name: ViewWorkerBids
Participating Actors: Worker
Entry Conditions:

- The Worker would like to view all bids they have left on jobs

Exit Conditions:

- The Worker has the list of their bids

Event Flow:

1. Site shows a list of all bids the Worker has placed and their status
2. User can select sorting and/or filtering options based on the bids' metadata
3. Site shows sorted/filtered data (and returns to step 2)

Name: ViewAllAccounts
Participating Actors: Owner
Entry Conditions:

- The Owner would like to view all accounts

Exit Conditions:

- The Owner has a list of accounts before them

Event Flow:

1. Site shows a list of all accounts
2. User can select sorting and/or filtering options based on the accounts' metadata
3. Site shows sorted/filtered data (and returns to step 2)

Name: SuspendAccount
Participating Actors: Owner
Entry Conditions:

- The Owner has selected an account to suspend

Exit Conditions:

- The selected account is suspended and cannot take any actions
- All reviews by the account are hidden
- All jobs taken by the account are cancelled
- All bids made by the account are rescinded

Event Flow:

1. Site prompts the Owner for the reason
2. Owner gives reason
3. Owner clicks Suspend
4. Site shows confirmation prompt
5. Owner clicks Yes
6. Site marks the given account as suspended, and hides all of its reviews
7. Site rescinds all of the account's bids
8. Site cancels all of the account's jobs (without invoking ToolLittleNotice)

Name: ReleaseAccount
Participating Actors: Owner
Entry Conditions:

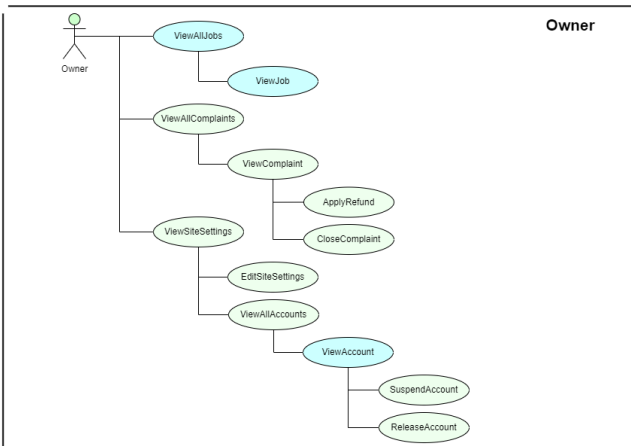
- The Owner has selected an account to remove from suspension

Exit Conditions:

- The selected account is no longer suspended and can now take action
- All reviews by the account are shown
- Money in the account is unfrozen

Event Flow:

1. Site shows confirmation prompt
2. Owner clicks Yes
3. Site unmarks the given account as suspended, and unhides its reviews



Name: ViewAllAccounts
Participating Actors: Owner
Entry Conditions:

- The Owner would like to view all accounts

Exit Conditions:

- The Owner has a list of accounts before them

Event Flow:

1. Site shows a list of all accounts
2. User can select sorting and/or filtering options based on the accounts' metadata
3. Site shows sorted/filtered data (and returns to step 2)

Name: SuspendAccount
Participating Actors: Owner
Entry Conditions:

- The Owner has selected an account to suspend

Exit Conditions:

- The selected account is suspended and cannot take any actions
- All reviews by the account are hidden
- All jobs taken by the account are cancelled
- All bids made by the account are rescinded

Event Flow:

1. Site prompts the Owner for the reason
2. Owner gives reason
3. Owner clicks Suspend
4. Site shows confirmation prompt
5. Owner clicks Yes
6. Site marks the given account as suspended, and hides all of its reviews
7. Site rescinds all of the account's bids
8. Site cancels all of the account's jobs (without invoking ToolLittleNotice)

Name: ApplyRefund
Participating Actors: Owner
Entry Conditions:

- The Owner would like to give a refund associated with a specific complaint

Exit Conditions:

- The refund has been applied

Event Flow:

1. Site shows a confirmation prompt
2. Owner clicks Yes
3. Site refunds the Customer from the Worker's account, and marks the complaint as refunded

Name: ViewSiteSettings
Participating Actors: Owner
Entry Conditions:

- The Owner would like to view the settings associated with the site as a whole

Exit Conditions:

- The Owner has seen the site settings associated with the site

Event Flow:

1. Site shows all modifiable settings associated with the site in input fields
2. User enters or changes the values of the input fields
3. User clicks Save
4. Site stores/replaces the data in the database

Name: EditSiteSettings
Participating Actors: Owner
Entry Conditions:

- The Owner would like to edit the settings associated with the site as a whole

Exit Conditions:

- The site settings have been modified as intended

Event Flow:

1. Site prompts for a reason
2. Owner gives a reason
3. Owner clicks Close Complaint
4. Site shows a confirmation prompt
5. Owner clicks Yes
6. Site adds the closure reason to the complaint and marks it as closed

Name: CloseComplaint
Participating Actors: Owner
Entry Conditions:

- The Owner would like to close a specific complaint
- The specified complaint is not already closed

Exit Conditions:

- The complaint is closed, and no action can be taken on it

Event Flow:

1. Site prompts for a reason
2. Owner gives a reason
3. Owner clicks Close Complaint
4. Site shows a confirmation prompt
5. Owner clicks Yes
6. Site adds the closure reason to the complaint and marks it as closed

Name: ViewComplaint
Participating Actors: Owner
Entry Conditions:

- The Owner would like to view data associated with a specific complaint

Exit Conditions:

- The Owner has seen the data for the specified complaint

Event Flow:

1. Site shows all data associated with a specific complaint

Name: ViewAllComplaints
Participating Actors: Owner
Entry Conditions:

- The Owner would like to view all complaints

Exit Conditions:

- The Owner has a list of complaints before them

Event Flow:

1. Site shows a list of all complaints
2. User can select sorting and/or filtering options based on the complaints' metadata
3. Site shows sorted/filtered data (and returns to step 2)

Name: ViewJob
Participating Actors: Owner
Entry Conditions:

- The Owner would like to view all jobs

Exit Conditions:

- The Owner has a list of jobs before them

Event Flow:

1. Site shows a list of all jobs
2. User can select sorting and/or filtering options based on the jobs' metadata
3. Site shows sorted/filtered data (and returns to step 2)

Name: ViewAllJobs
Participating Actors: Owner
Entry Conditions:

- The Owner would like to view all jobs

Exit Conditions:

- The Owner has a list of jobs before them

Event Flow:

1. Site shows a list of all jobs
2. User can select sorting and/or filtering options based on the jobs' metadata
3. Site shows sorted/filtered data (and returns to step 2)

Name: ViewAccount
Participating Actors: Owner
Entry Conditions:

- The Owner would like to view data associated with a specific User

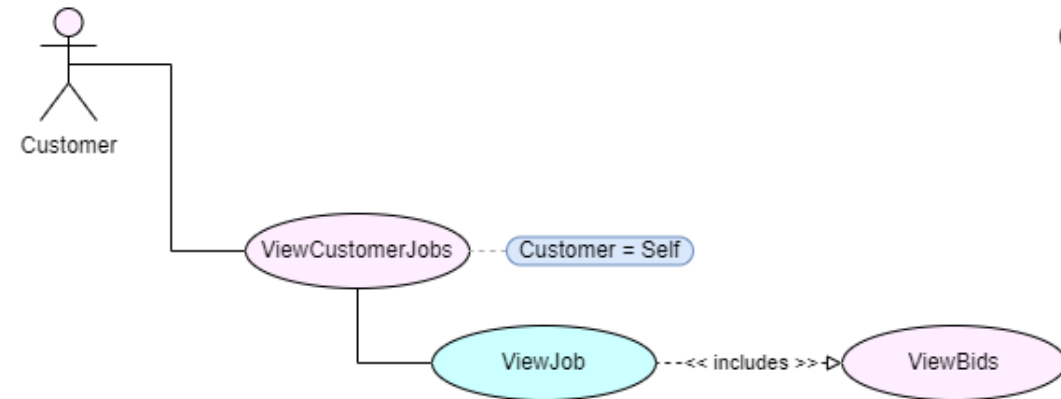
Exit Conditions:

- The User would like to view data associated with a specific User

Event Flow:

1. Site shows all data associated with a specific User

Accept Bid



Name: ViewJob
Participating Actors: User
Entry Conditions:

- The User would like to view information pertaining to a job

Exit Conditions:

- The User has seen the information pertaining to the given job
- No confidential information has been shared where not applicable

Event Flow:

1. Site checks if the User has permission to view confidential information (e.g. owns the job or has taken the job)
2. Site shows the information and metadata pertaining to the given job

Name: ViewCustomerJobs
Participating Actors: User
Entry Conditions:

- The User would like to view a specific Customer's jobs

Exit Conditions:

- The User has a list of their jobs before them

Event Flow:

1. Site shows all of the Customer's jobs
2. Customer can select sorting and/or filtering options based on the jobs' metadata
3. Site shows sorted/filtered data (and returns to step 2)

Name: ViewBids
Participating Actors: Customer
Entry Conditions:

- The Customer has selected a job that is up for bidding

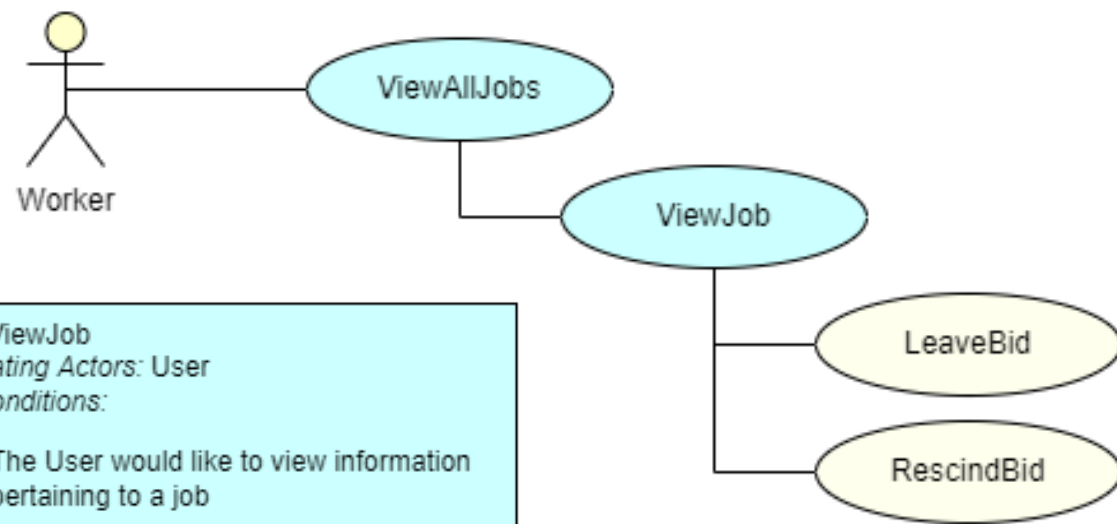
Exit Conditions:

- One bid is accepted and the rest are rejected

Event Flow:

1. Site shows all bids on the given job with information
2. Customer clicks Accept on a bid
3. Site shows a confirmation popup repeating the bid information, and notifies that money will be immediately removed from the account
4. Customer accepts (or cancels and returns to step 4)
5. Site marks the accepted bid as Accepted, and all others as Rejected, marks the job as not up for bidding, and removes the money from the Customer's account

Leave Bid



Name: LeaveBid

Participating Actors: Worker

Entry Conditions:

- The Worker has selected a job that is up for bidding

Exit Conditions:

- A new bid has been added to the selected job

Event Flow:

1. Site prompts user for bidding price and an optional comment
2. Worker enters a bidding price and optionally a comment
3. Worker clicks Bid
4. Site checks if this bid conflicts with another, and shows a confirmation popup if it does
5. Worker clicks Continue
6. Site adds the bid to the job for the customer to view

Name: RescindBid

Participating Actors: Worker

Entry Conditions:

- A bid has been selected to be rescinded

Exit Conditions:

- The bid will be dissociated from the job
- Customers will not see the bid in the future

Event Flow:

1. Site shows a confirmation popup
2. Worker clicks OK
3. The bid is removed from the job

Name: ViewAllJobs

Participating Actors: User

Entry Conditions:

- The User would like to view all jobs

Exit Conditions:

- The User has a list of jobs before them

Event Flow:

1. Site shows a list of all jobs
2. User can select sorting and/or filtering options based on the jobs' metadata
3. Site shows sorted/filtered data (and returns to step 2)

Name: ViewJob

Participating Actors: User

Entry Conditions:

- The User would like to view information pertaining to a job

Exit Conditions:

- The User has seen the information pertaining to the given job
- No confidential information has been shared where not applicable

Event Flow:

1. Site checks if the User has permission to view confidential information (e.g. owns the job or has taken the job)
2. Site shows the information and metadata pertaining to the given job

Review Worker

Name: ReviewJob

Participating Actors: Customer

Entry Conditions:

- The Customer has selected a job that has been marked completed, but not reviewed

Exit Conditions:

- A review has been tied to the worker

Event Flow:

1. Site shows the job information and the Worker who completed it, and prompts for a review (out of 5 stars) and an optional comment
2. Customer selects a rating
3. Customer optionally writes a comment
4. Customer clicks Submit
5. Site marks the job as reviewed, stores the information, and associates the review with the appropriate Worker

Name: ViewCustomerJobs

Participating Actors: User

Entry Conditions:

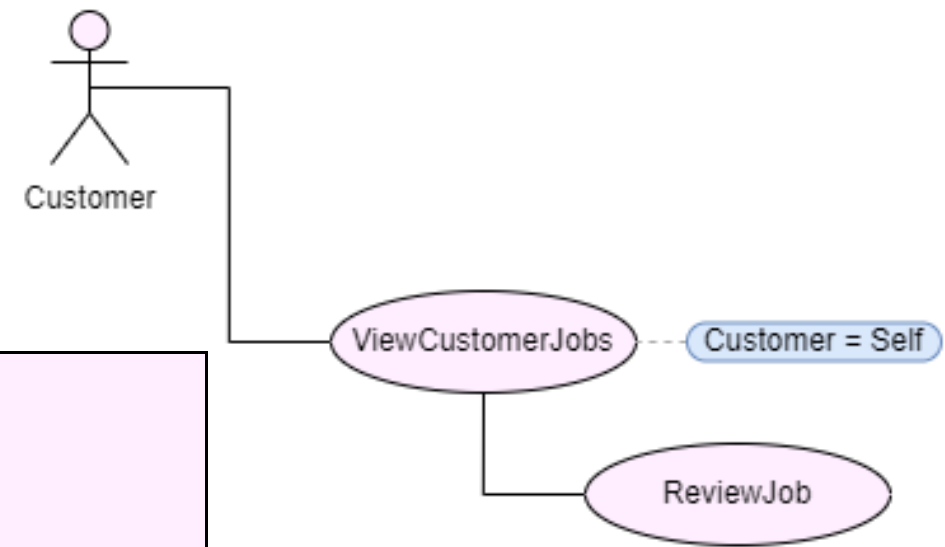
- The User would like to view a specific Customer's jobs

Exit Conditions:

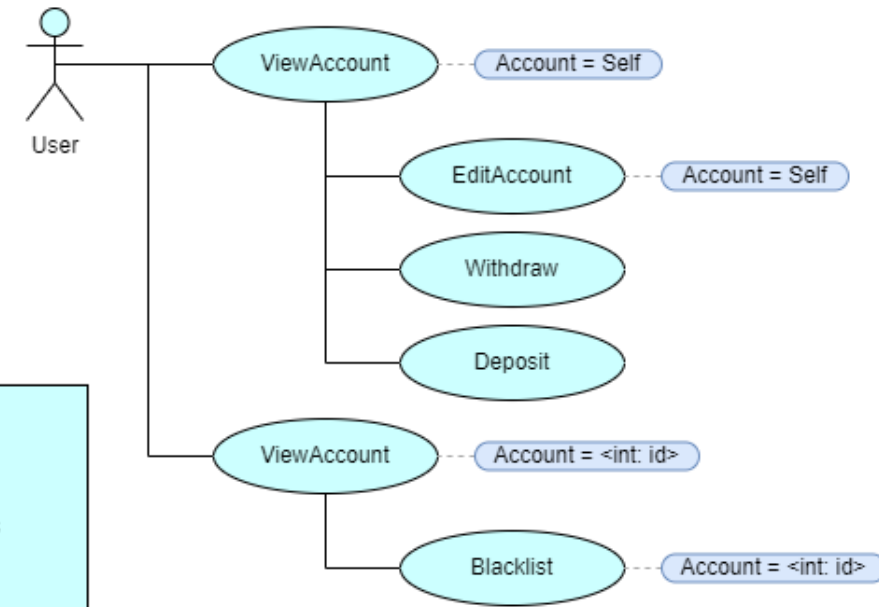
- The User has a list of their jobs before them

Event Flow:

1. Site shows all of the Customer's jobs
2. Customer can select sorting and/or filtering options based on the jobs' metadata
3. Site shows sorted/filtered data (and returns to step 2)



View Account



Name: Withdraw
Participating Actors: User
Entry Conditions:

- The User would like to withdraw funds

Exit Conditions:

- The funds have been withdrawn from the User's account

Event Flow:

1. Site prompts for the withdrawal amount
2. User enters withdrawal amount
3. User clicks Withdraw
4. Site removes the amount from the User's account

Name: ViewAccount
Participating Actors: User
Entry Conditions:

- The User would like to view data associated with a specific User

Exit Conditions:

- The User has seen the data for the specified User

Event Flow:

1. Site shows all data associated with a specific User

Name: EditAccount
Participating Actors: User
Entry Conditions:

- The User would like to edit settings associated with a specific User

Exit Conditions:

- The settings associated with the specified User has been modified as intended

Event Flow:

1. Site shows all settings (other than username and password) associated with a specific User inside of input fields
2. Site shows the username as a static value
3. Site allows the user to change password if they provide the current password
4. User enters or changes the values of the input fields
5. User clicks Save
6. Site stores/replaces the data in the database

Name: Blacklist
Participating Actors: User
Entry Conditions:

- The User would like to blacklist another user

Exit Conditions:

- The other user is marked as blacklisted

Event Flow:

1. Site adds other user to the User's blacklist

Name: Deposit
Participating Actors: User
Entry Conditions:

- The User would like to deposit funds

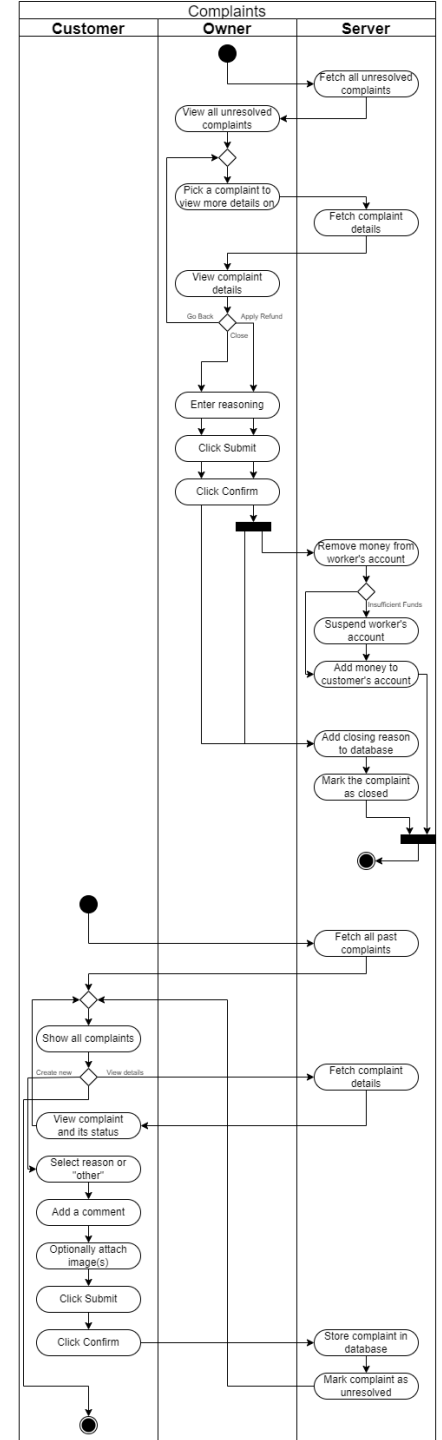
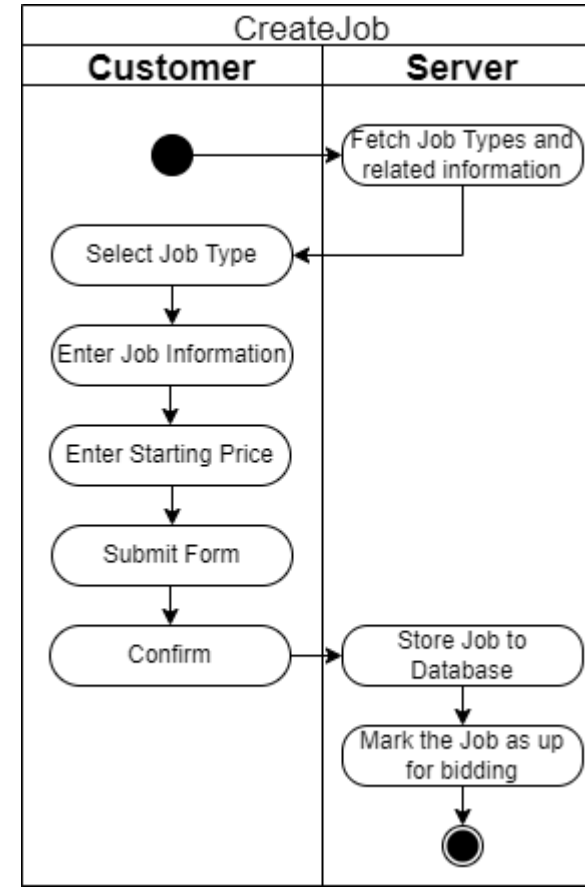
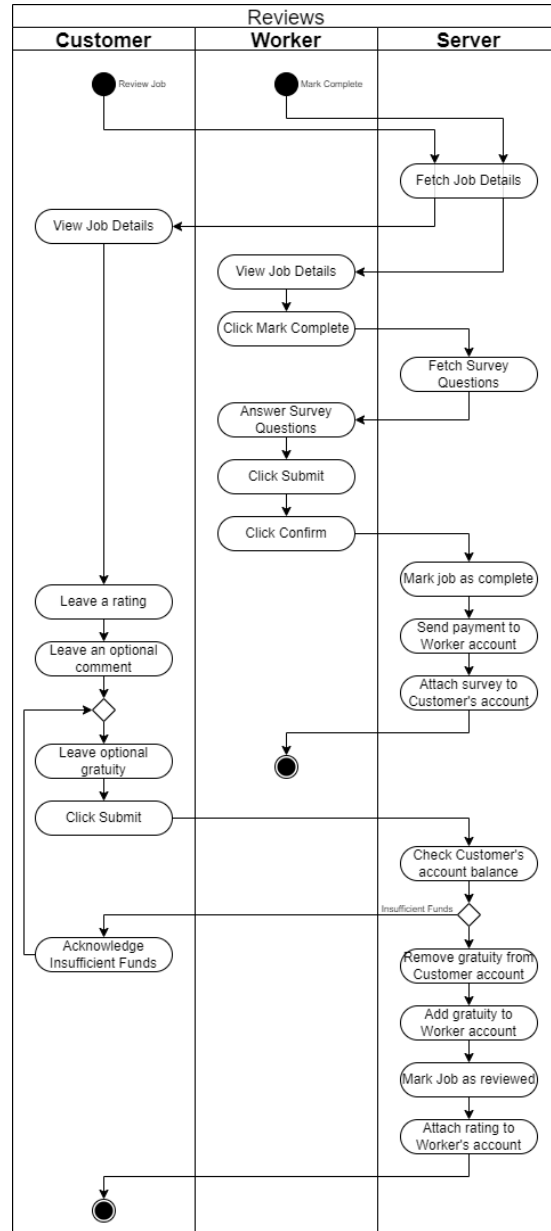
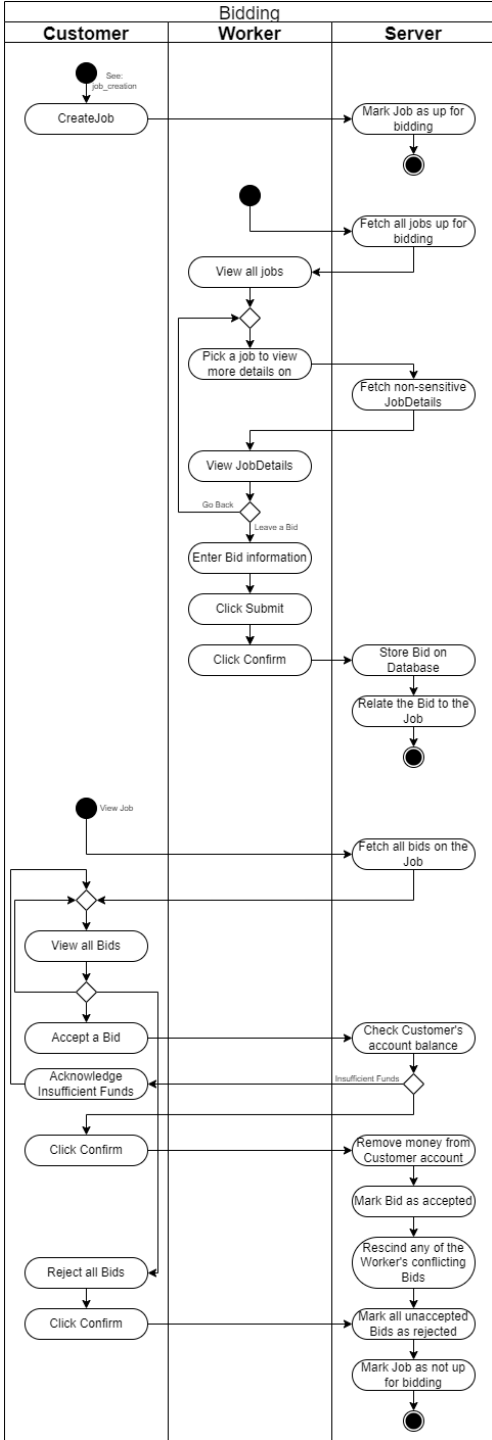
Exit Conditions:

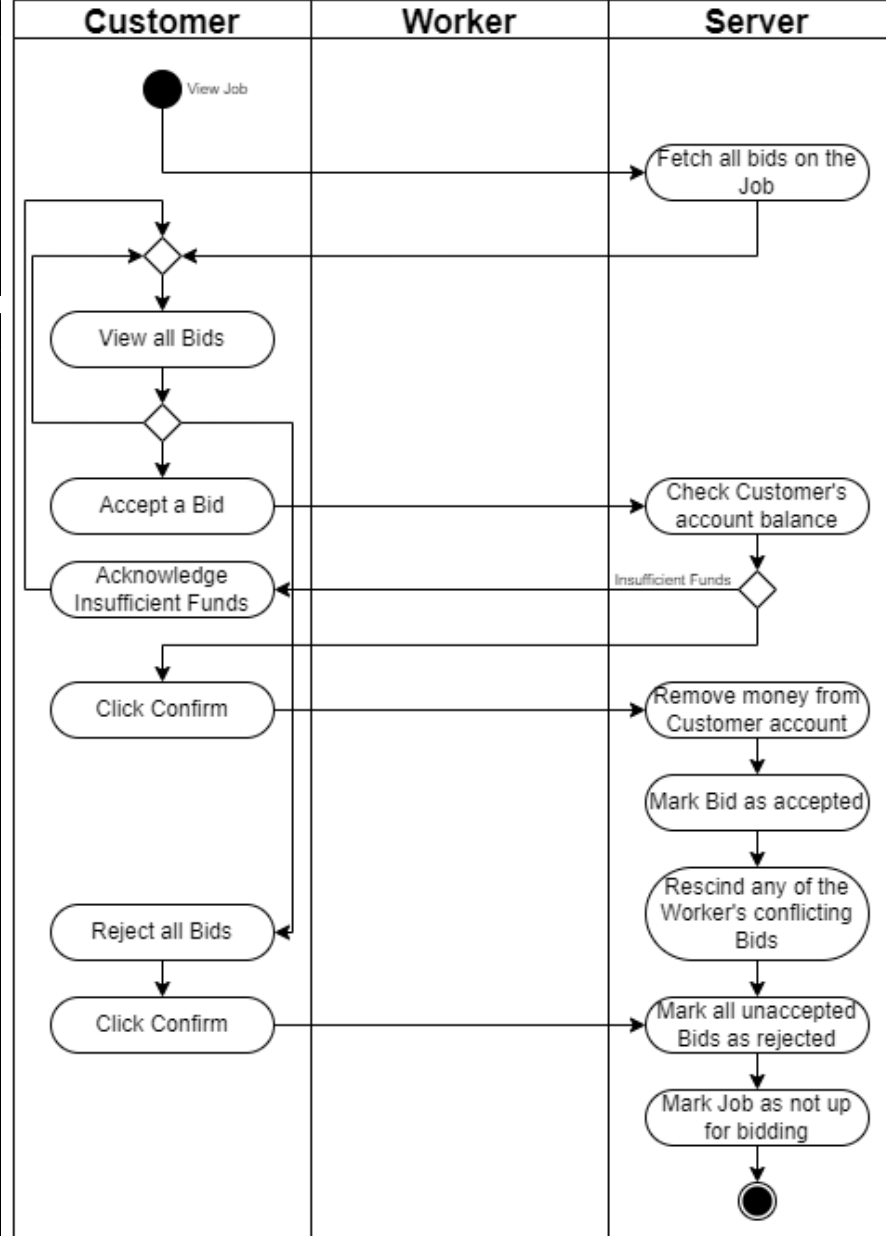
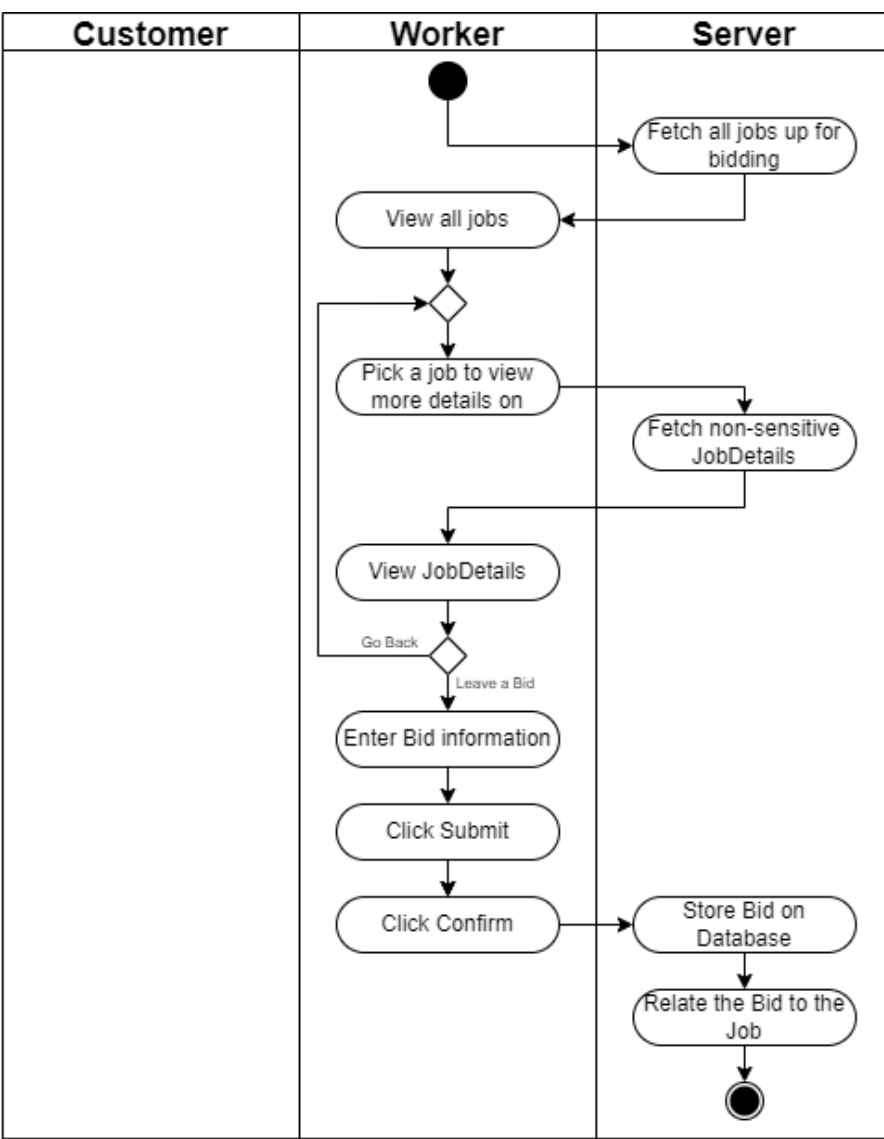
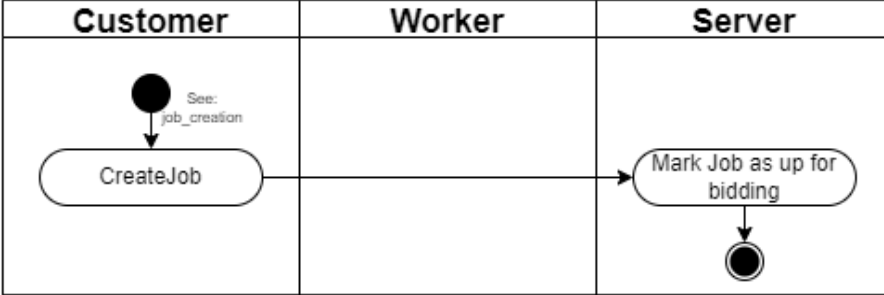
- The funds have been deposited to the User's account

Event Flow:

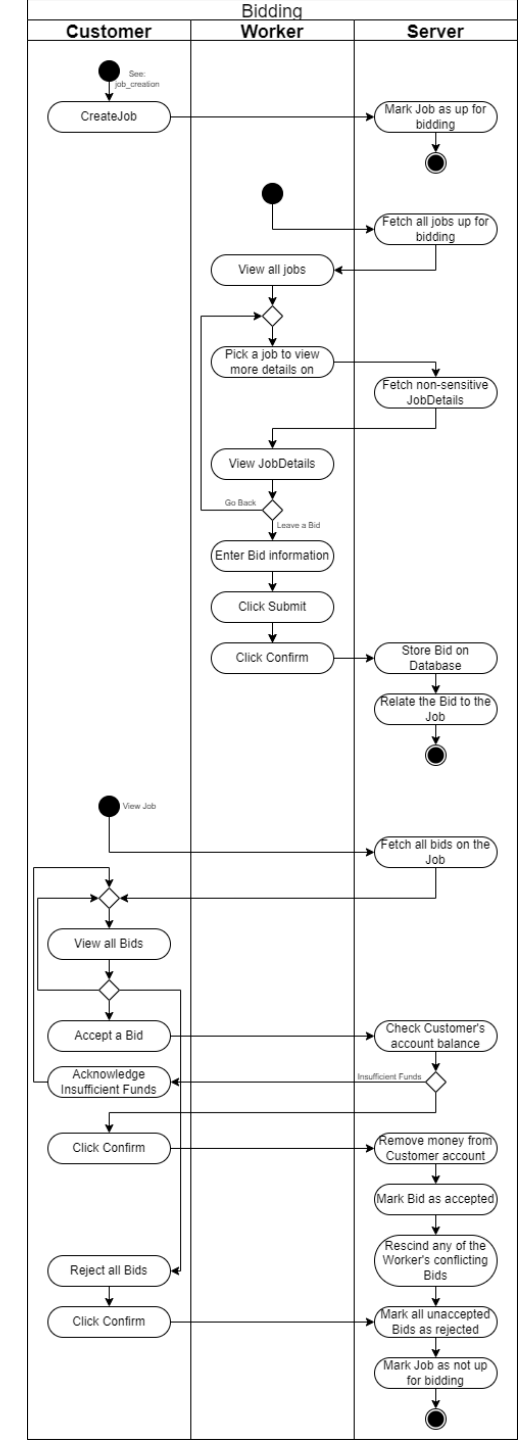
1. Site prompts for the deposit amount
2. User enters deposit amount
3. User clicks Deposit
4. Site adds the amount to the User's account

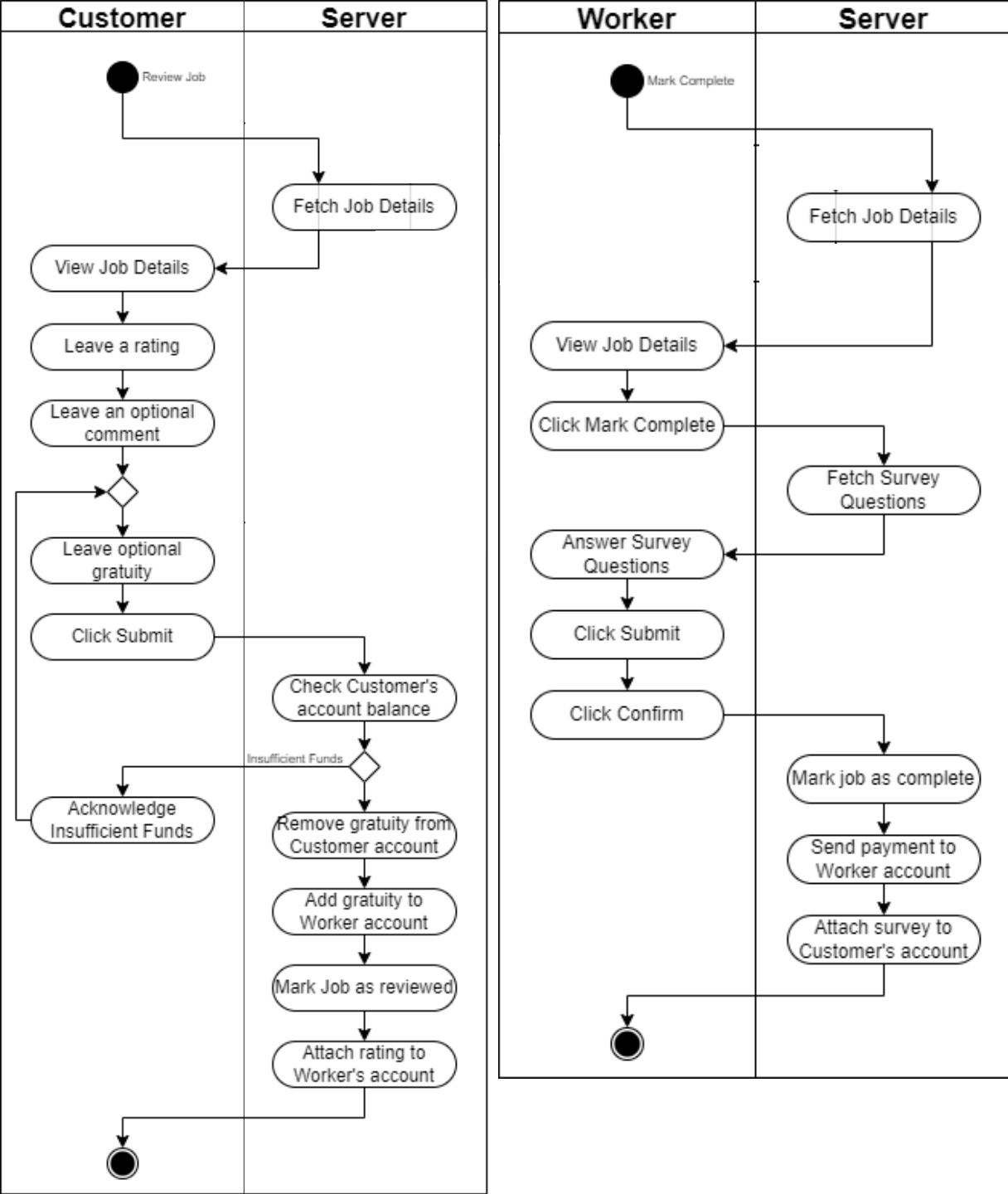
Activity Diagrams



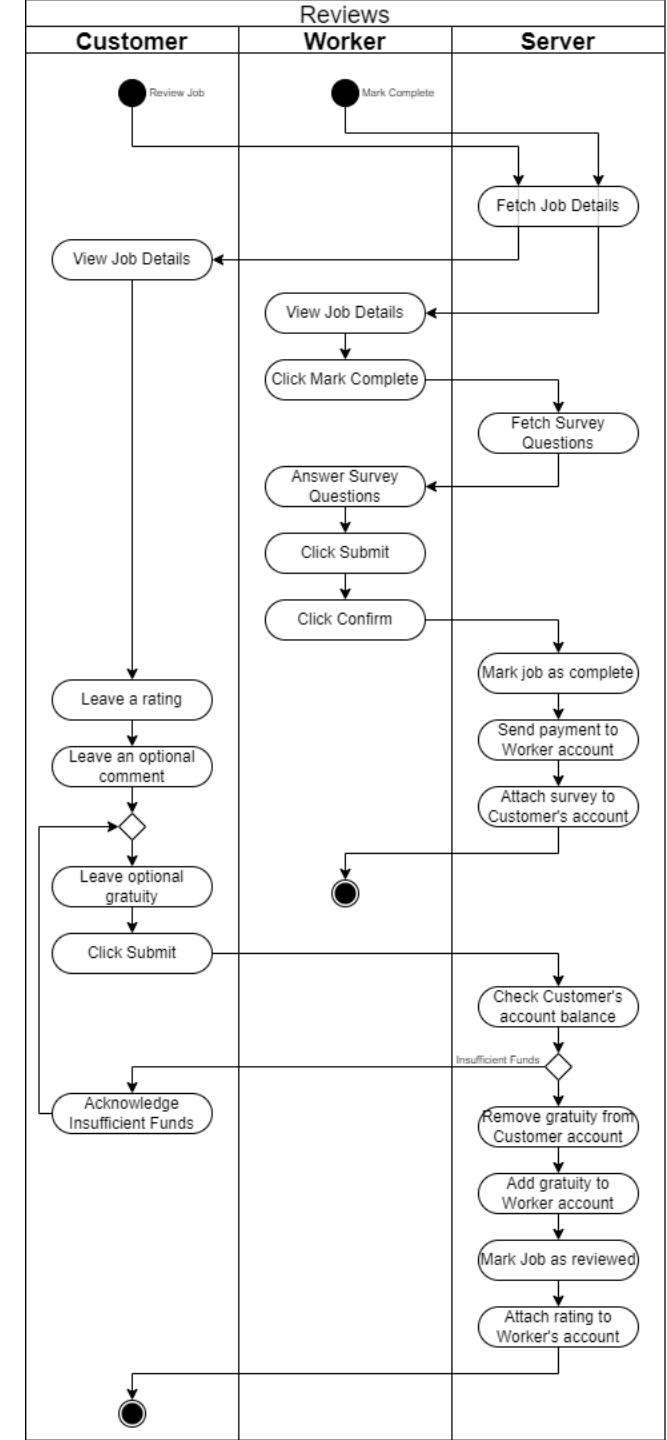


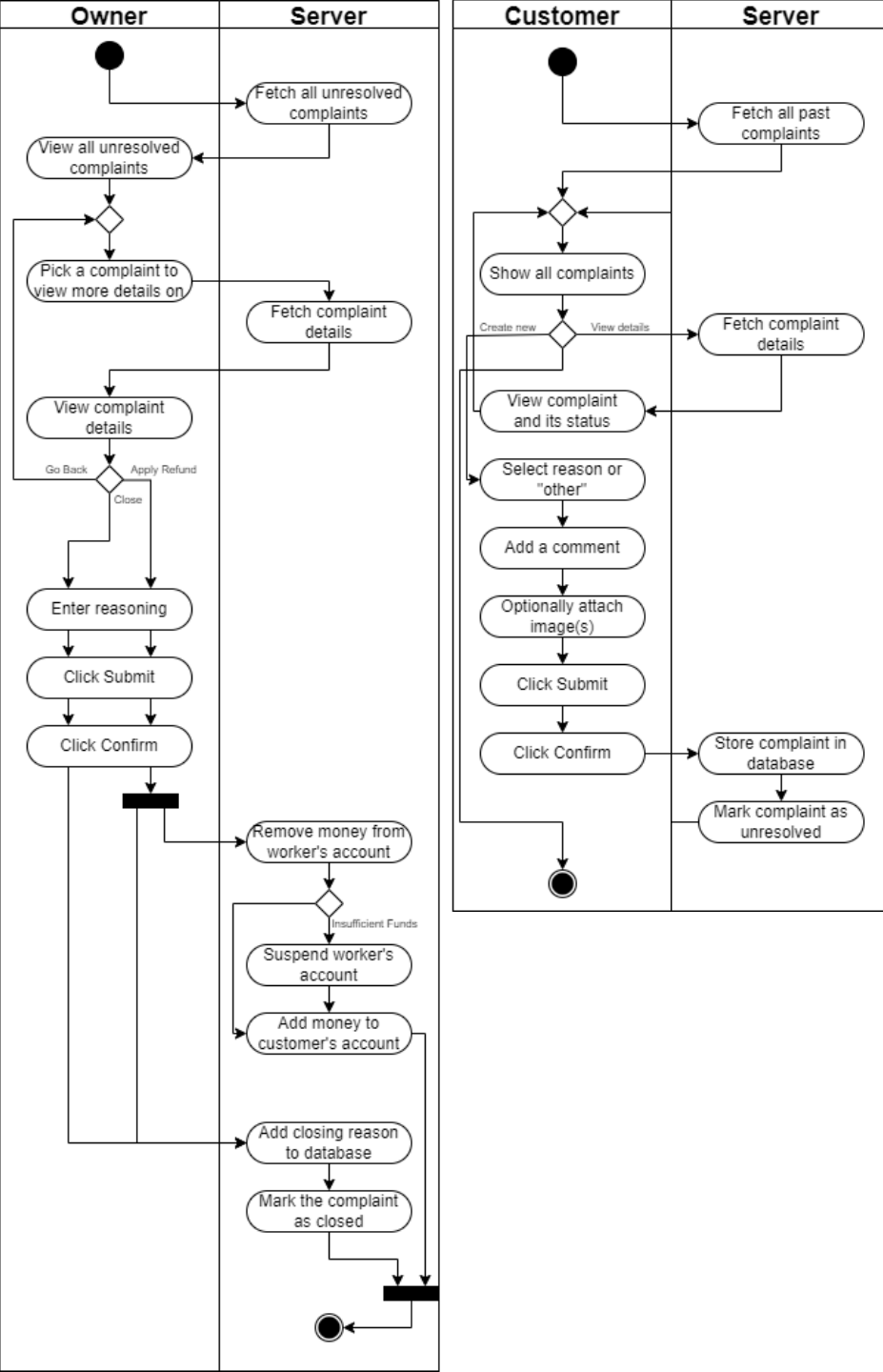
Bidding





Reviews





Complaints

