Flowchart - Zapato

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CECS 491A Software Engineering Project I

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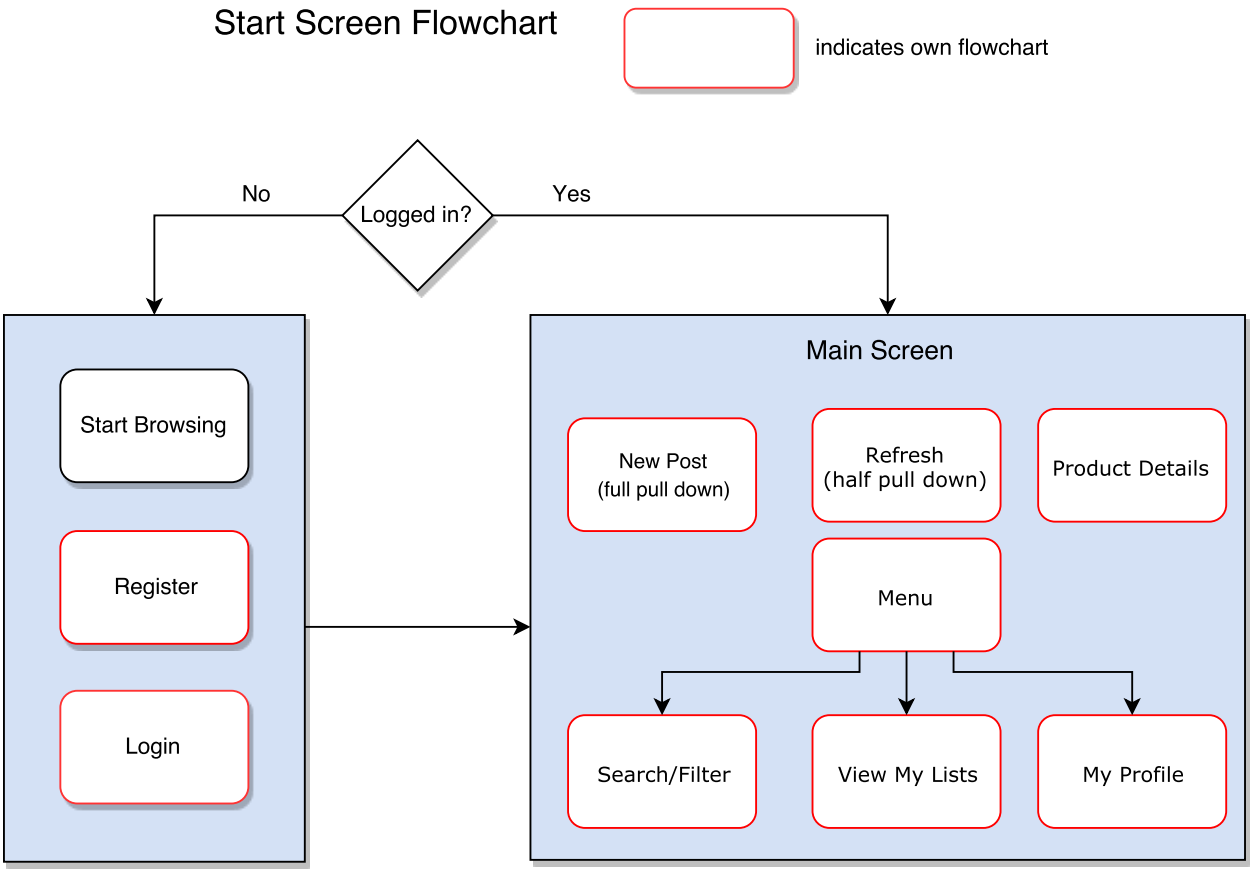
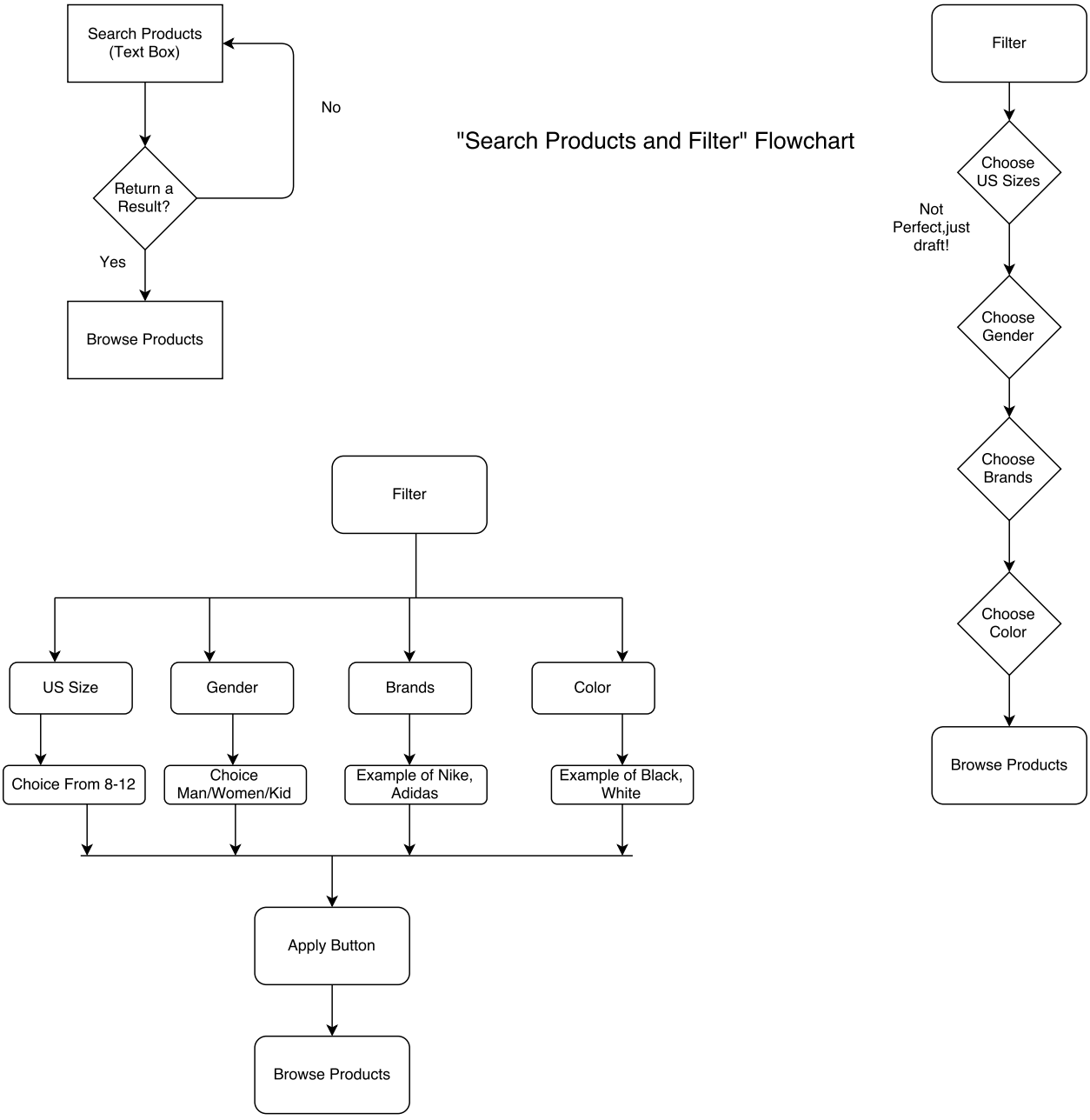
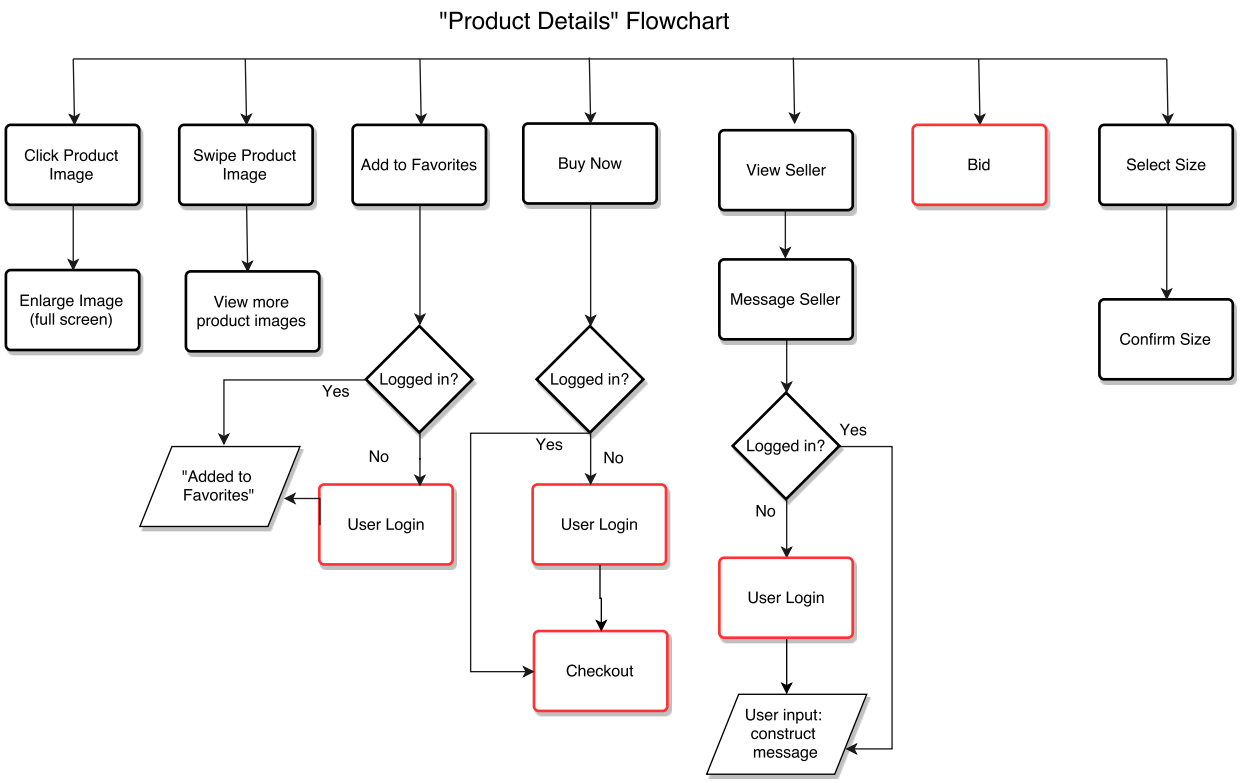
1. Start Screen



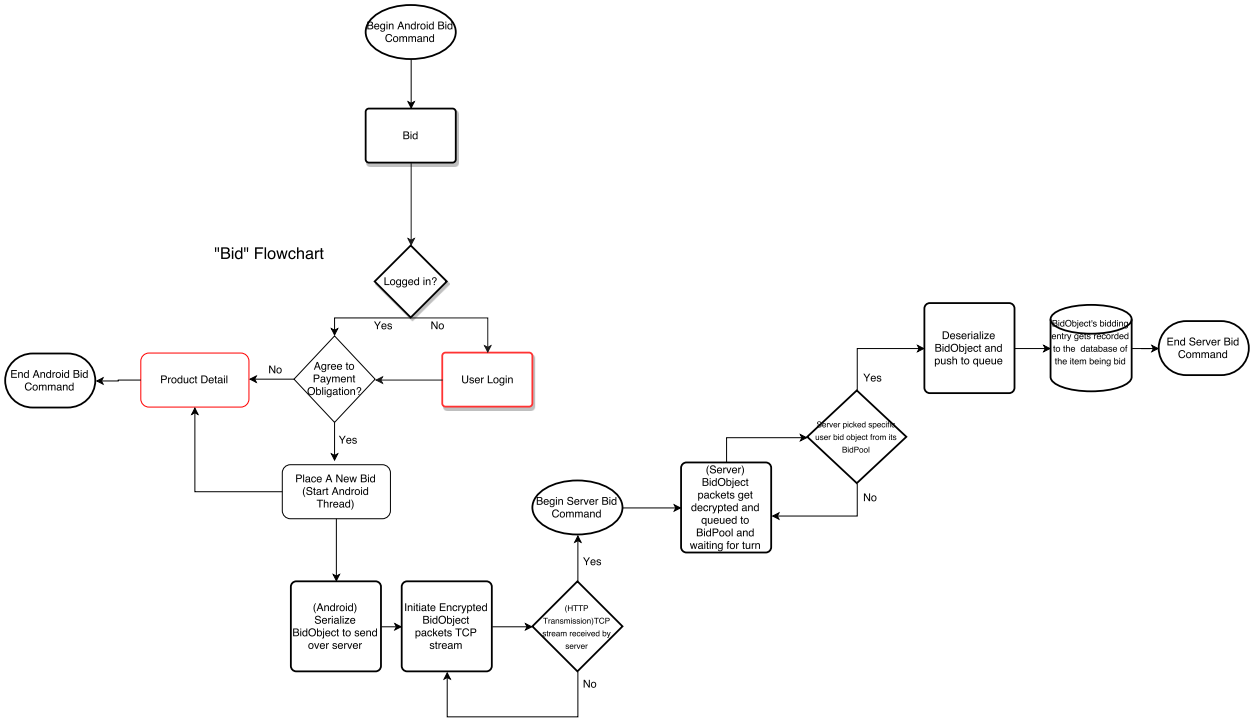
2. Search Products and Filter



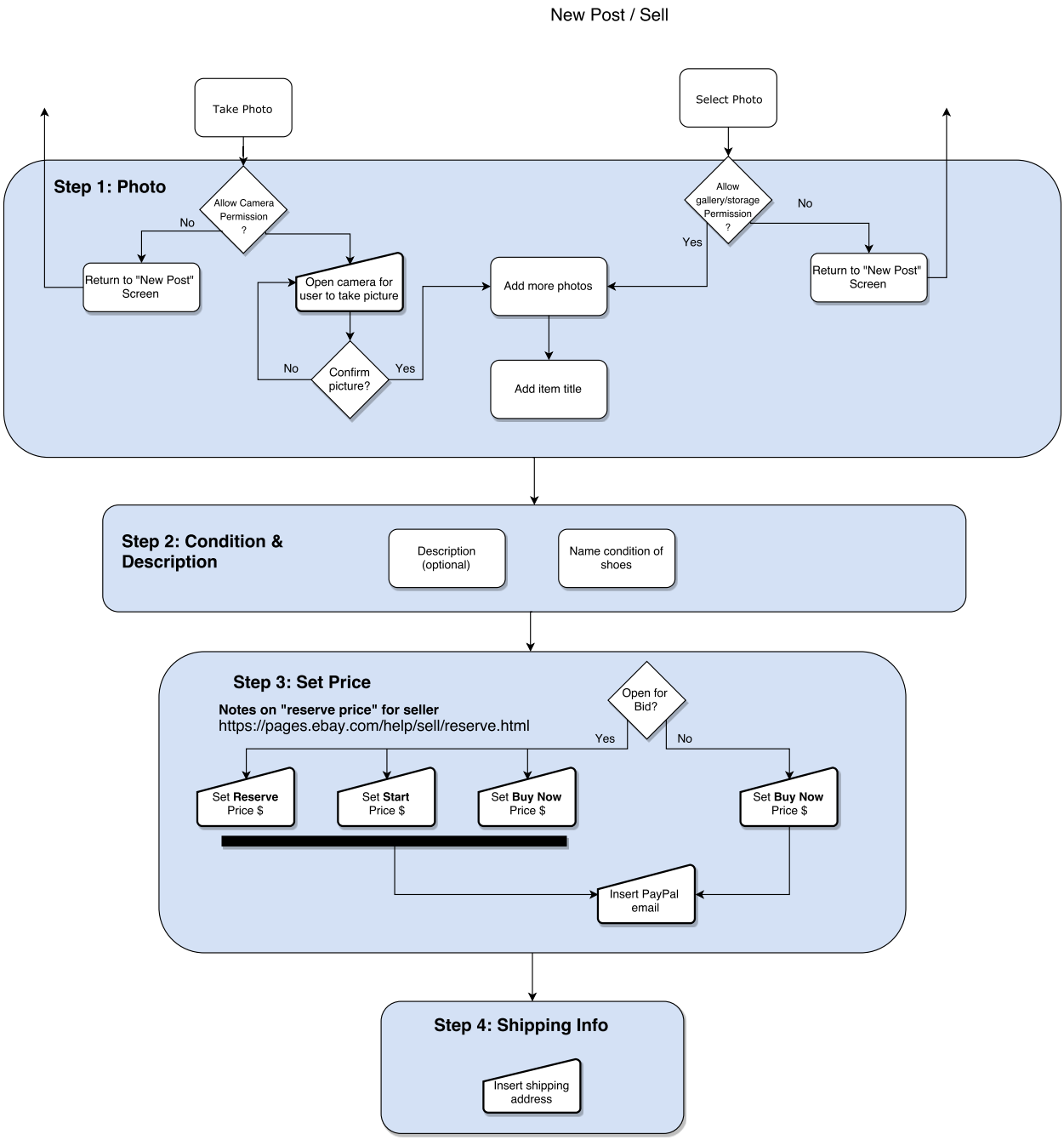
3. Product Details



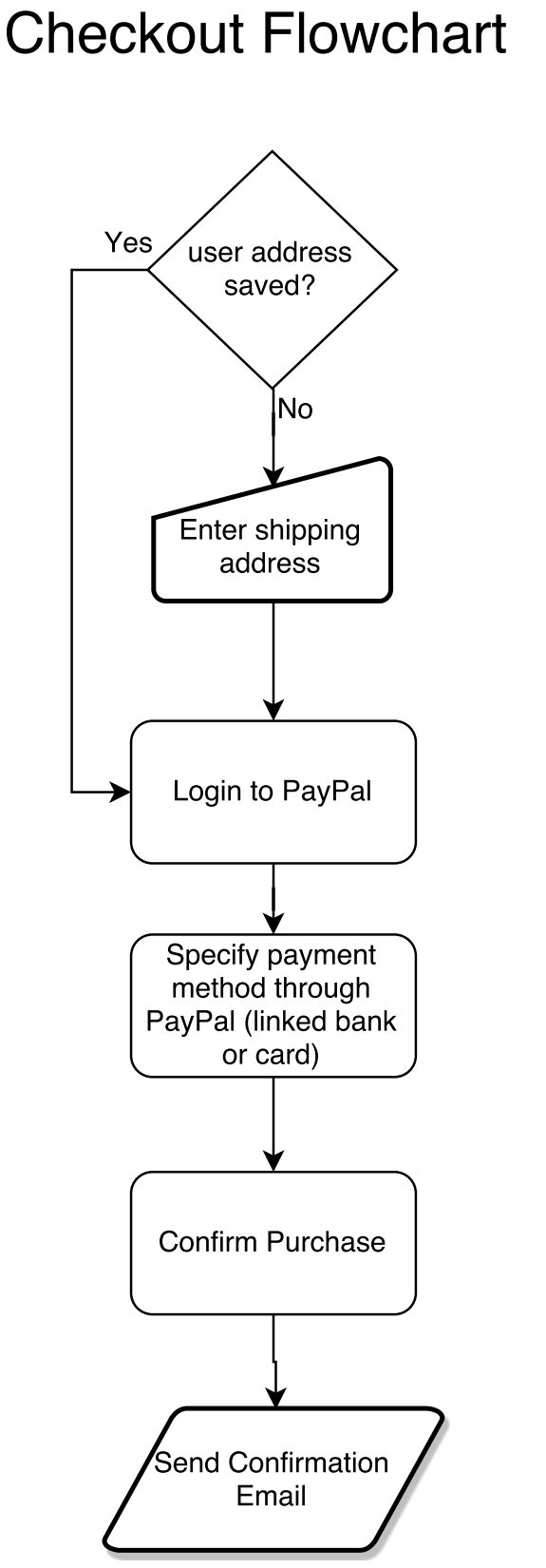
4. Bid


"Bid" Flowchart
Begin Android Bid Command
Bid
Logged in?
Yes
No
User Login
Agree to Payment Obligation?
No
Product Detail
End Android Bid Command
Yes
Place A New Bid (Start Android Thread)
(Android) Serialize BidObject to send over server
Initiate Encrypted BidObject packets TCP stream
(HTTP Transmission)TCP stream received by server
No
Yes
Begin Server Bid Command
(Server) BidObject packets get decrypted and queued to BidPool and waiting for turn
Server picked specific user bid object from its BidPool
No
Yes
Deserialize BidObject and push to queue
BidObject's bidding entry gets recorded to the database of the item being bid
End Server Bid Command

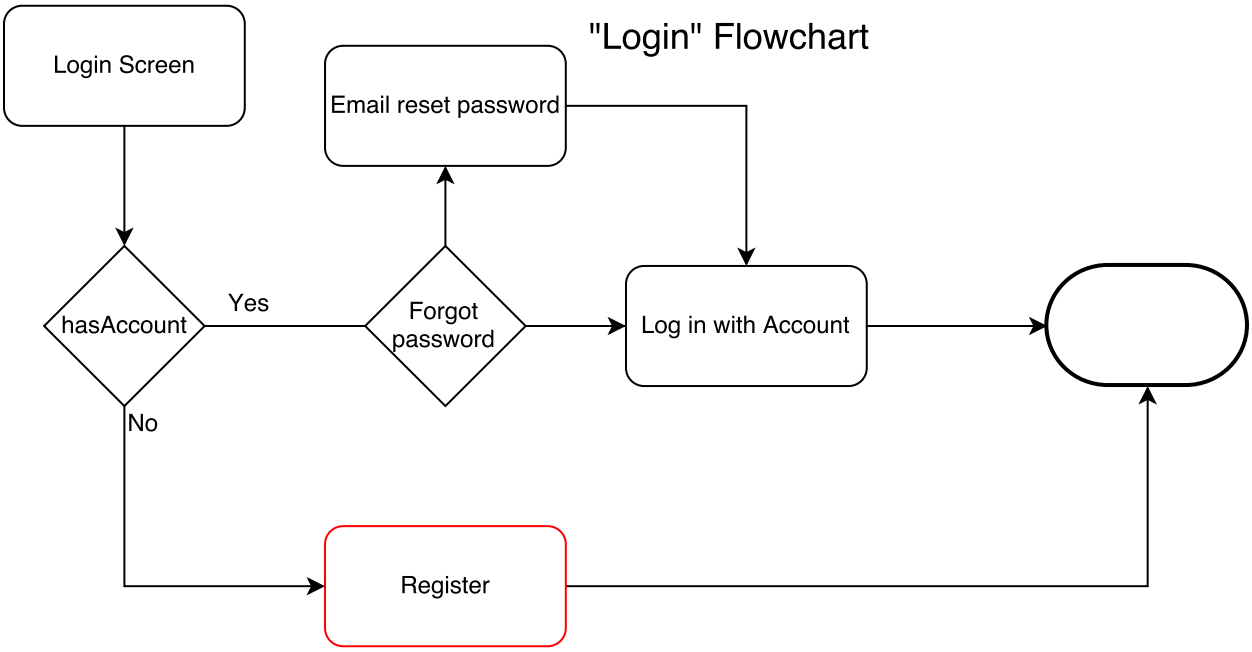
5. Sell Product



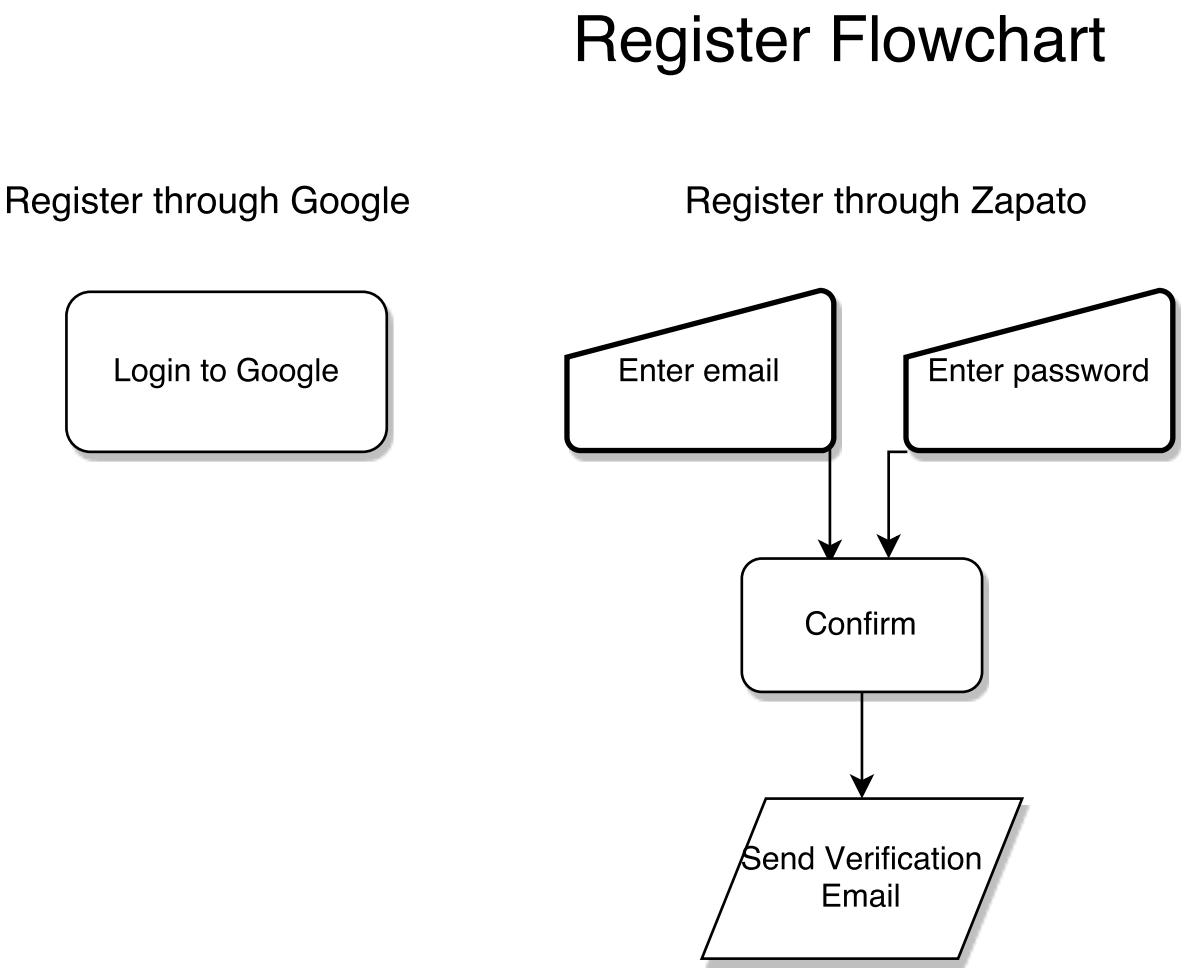
6. Checkout


Checkout Flowchart
user address saved?
Yes
No
Enter shipping address
Login to PayPal
Specify payment method through PayPal (linked bank or card)
Confirm Purchase
Send Confirmation Email

7. Login

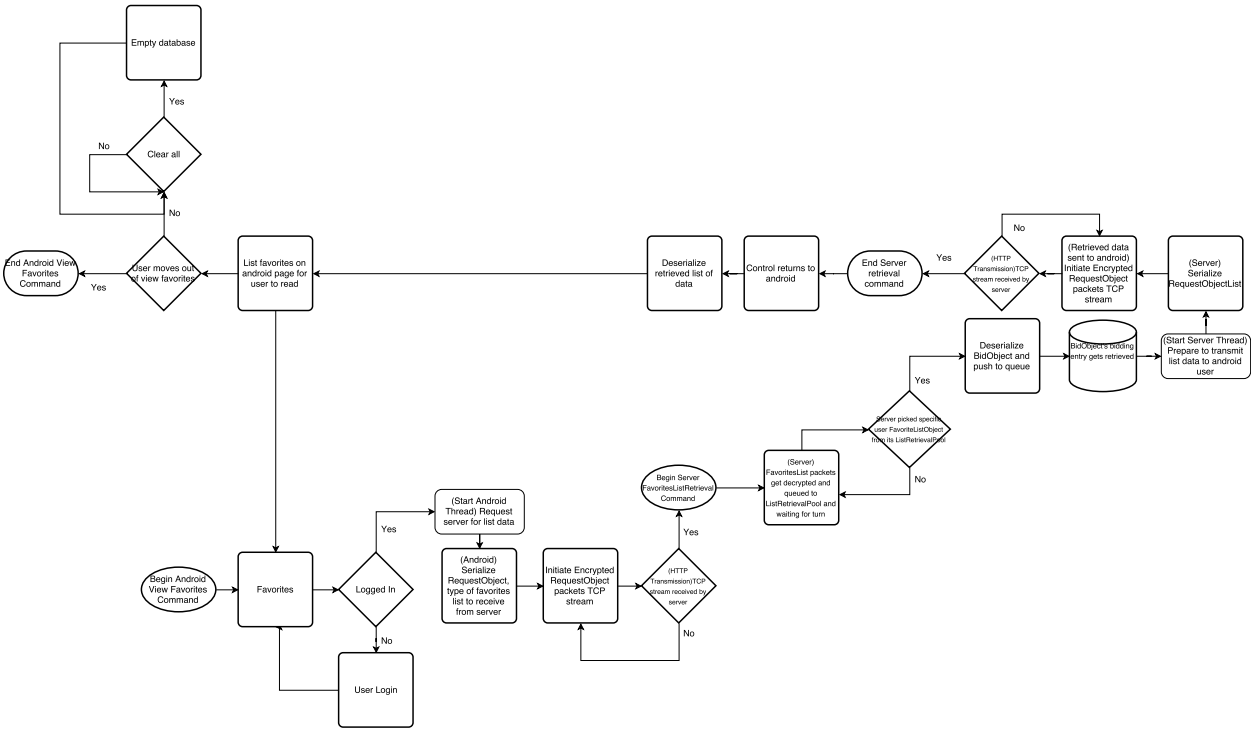

"Login" Flowchart
Login Screen
Email reset password
hasAccount
Yes
Forgot password
Log in with Account
No
Register

8. Register

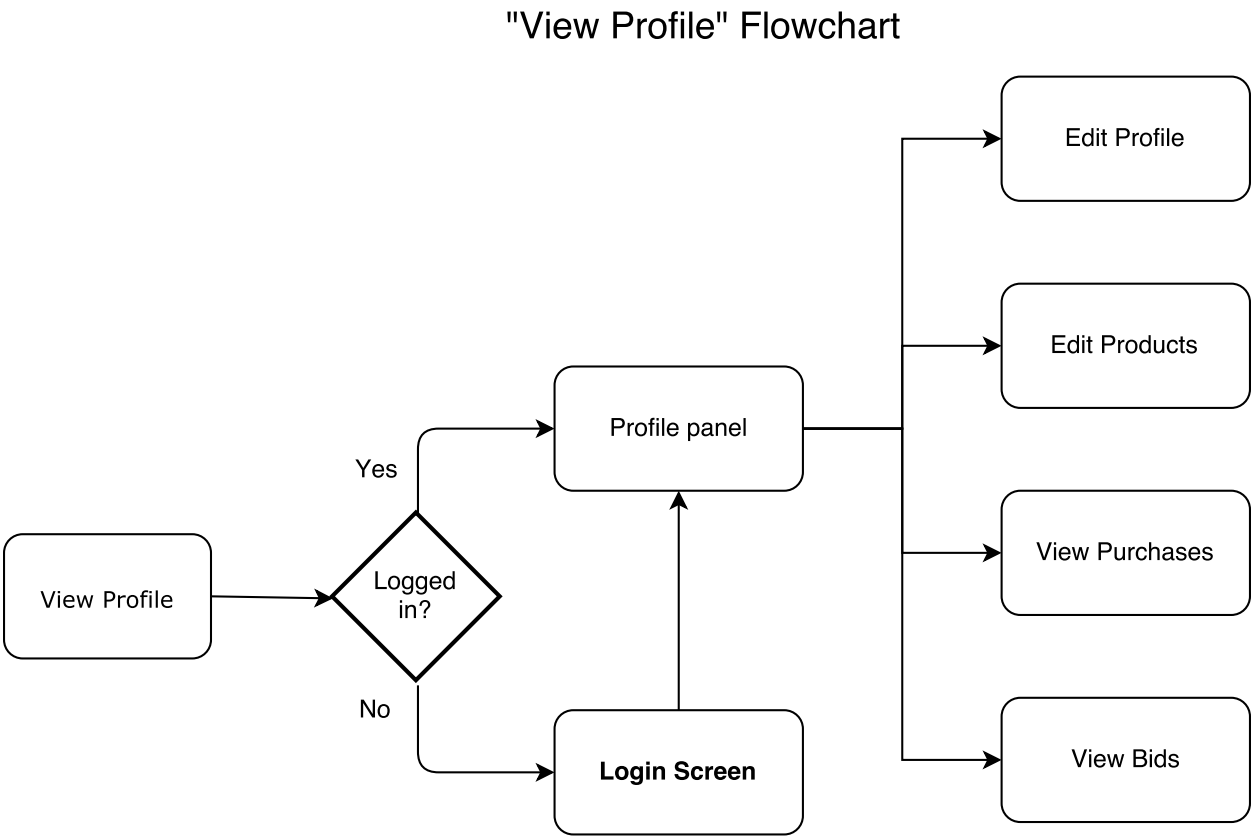

Register Flowchart
Register through Google
Register through Zapato
Login to Google
Enter email
Enter password
Confirm
Send Verification Email

9. View Favorites

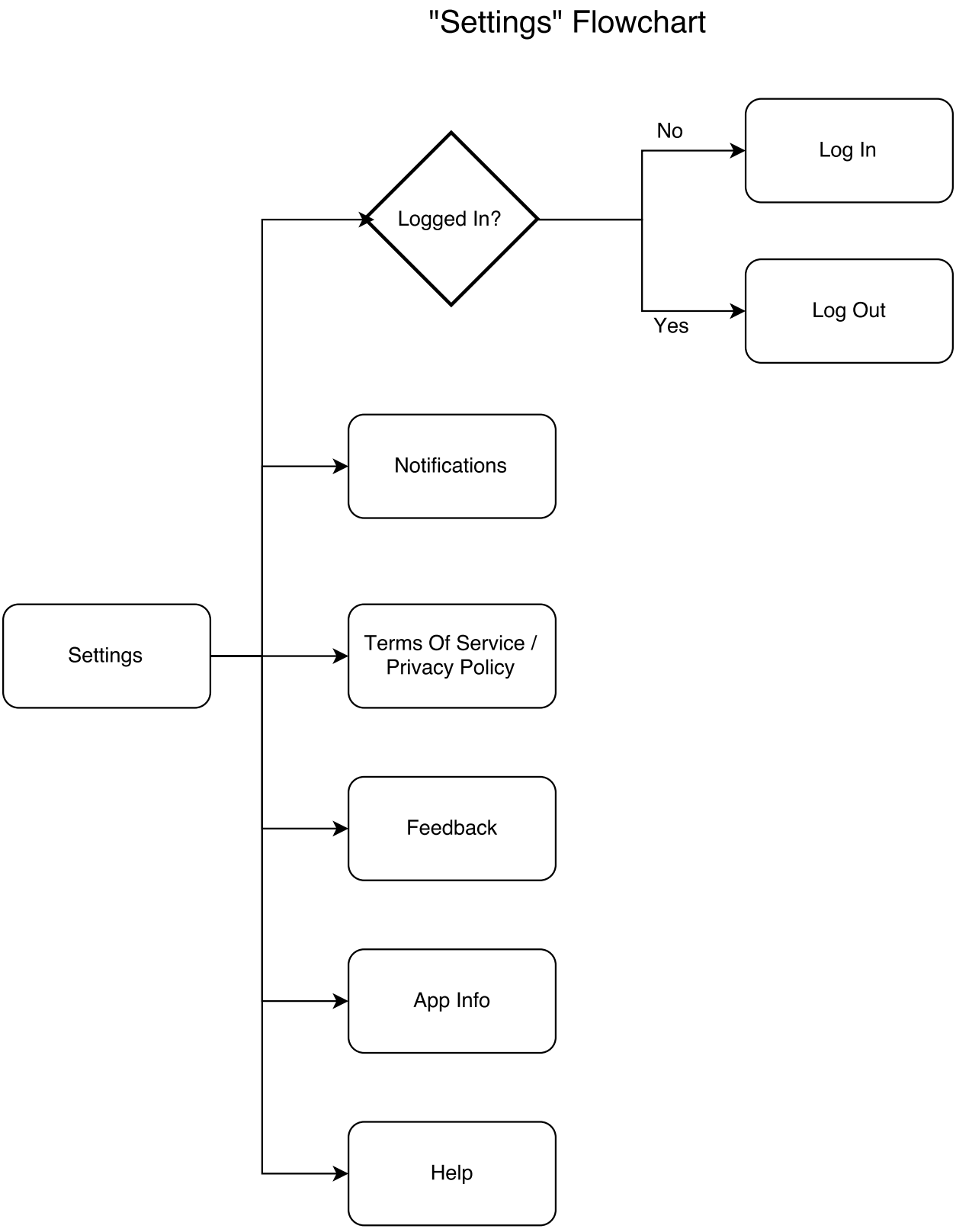
"View Favorites" Flowchart



10. View Profile



11. Settings


"Settings" Flowchart
Logged In?
No
Log In
Yes
Log Out
Settings
Notifications
Terms Of Service / Privacy Policy
Feedback
App Info
Help