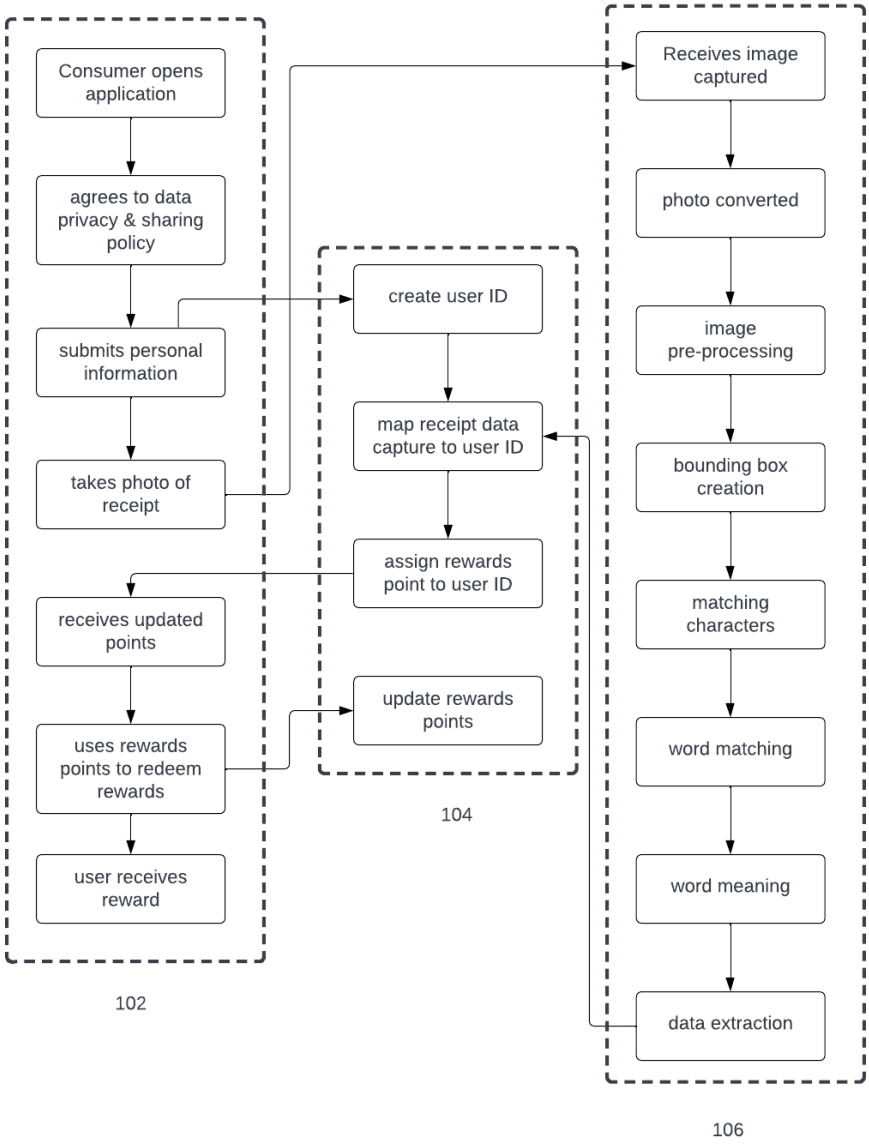

Consumer opens application
agrees to data privacy & sharing policy
submits personal information
takes photo of receipt
receives updated points
uses rewards points to redeem rewards
user receives reward
102
create user ID
map receipt data capture to user ID
assign rewards point to user ID
update rewards points
104
Receives image captured
photo converted
image pre-processing
bounding box creation
matching characters
word matching
word meaning
data extraction
106

Figure 1

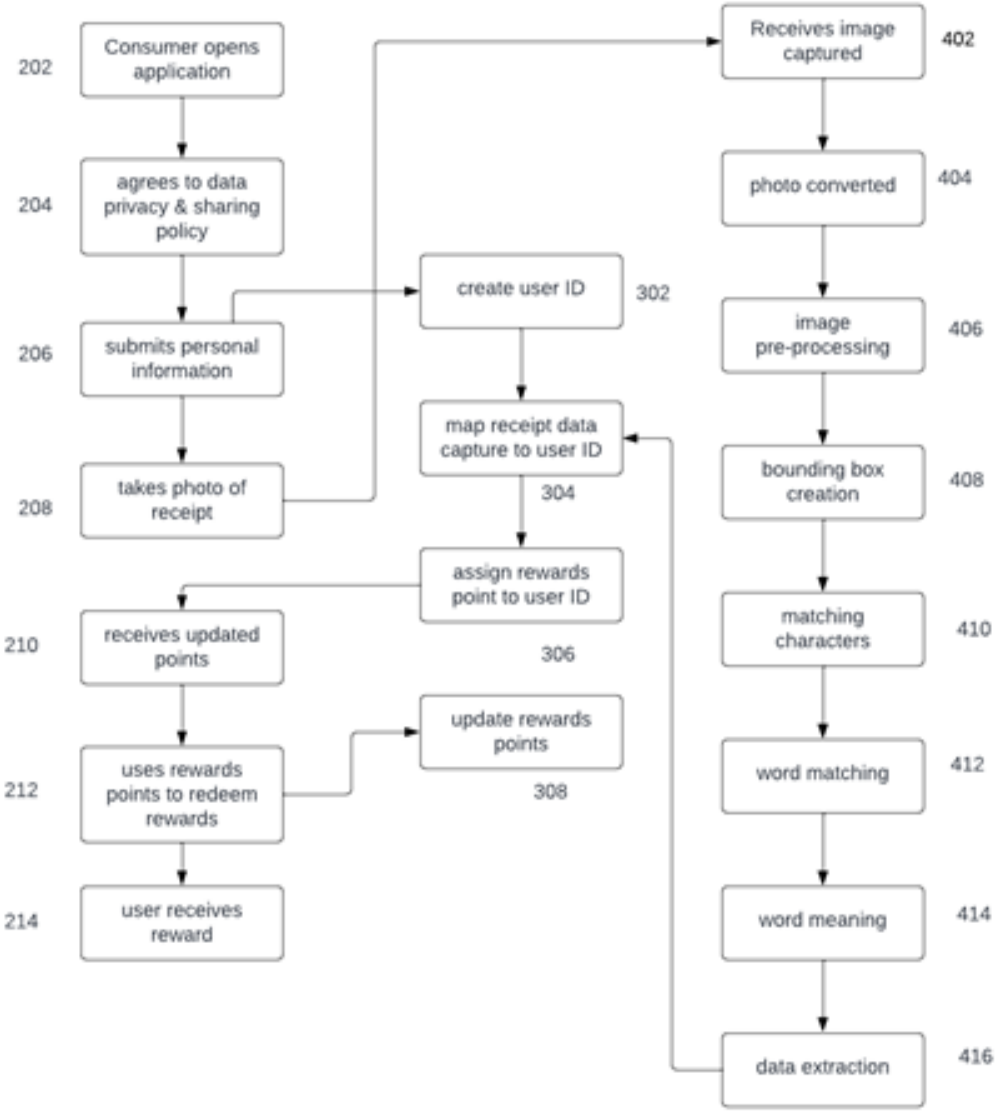

202
Consumer opens application
204
agrees to data privacy & sharing policy
206
submits personal information
208
takes photo of receipt
210
receives updated points
212
uses rewards points to redeem rewards
214
user receives reward
create user ID
302
map receipt data capture to user ID
304
assign rewards point to user ID
306
update rewards points
308
Receives image captured
402
photo converted
404
image pre-processing
406
bounding box creation
408
matching characters
410
word matching
412
word meaning
414
data extraction
416

Figure 2