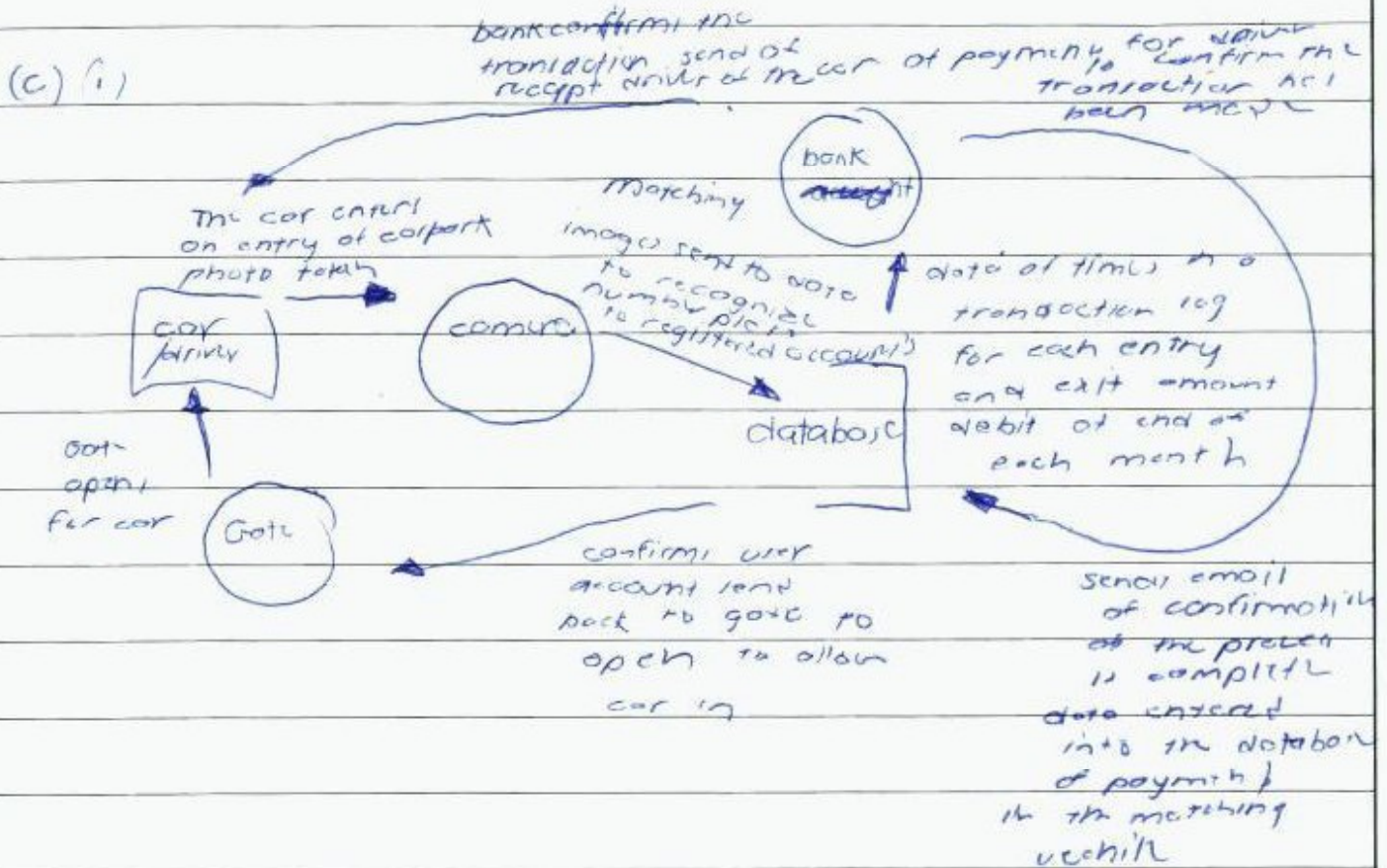Start here.

(a) (i) A radio frequency identification (RFID) tag is a unique code that can be scanned by a barcode reader or gun it allows it to collect information of the transaction

(ii) The use of transaction logs in a transaction processing system help record transaction that are made within a TPS system it ensures that transaction is complete such as an ATM (Automatic teller machine) a log of the transaction such as money, date of transaction in chronological order it correct transaction has been made, it makes transaction processing system more efficient

(b) (i) Real-time processing is an transaction of data processed immediately through an online database which always available. An appropriate use of transaction process system that uses real-time processing is a library loan system, members card are scanned and books barcode is immediate process on the database

(ii) Batch processing is an transaction of data in a group or batch, is nol a time schedule delay which process all at once. It is the best solution when processing transaction as its more centralized compared to real-time such as a example that uses batch processing is payroll s

and checks processing them all at a group con help

save on errors with the systems its cheaper processic

compared to real-time but has some relatively advantages

and disadvantages.

(c) (i)

bankconfirms the
transaction send of
receipt driver of the car of payment to confirm the
transaction has
been made

The car enters
on entry of carpark
photo taken

bank

Matching
image sent to note
to recognise
number plate
to registered accounts

data of times in a
transaction log
for each entry
and exit amount
debit of end of
each month

car
entry

camera

database

not-
open
for car

Gate

confirms user
account sent
back to gate to
open to allow
car in

sends email
of confirmation
of the process
is complete
data entered
into the database
of payments
is the matching
vechile

(ii) The information processes of this parking system is that

the data collected via a camera the system operates

by taking a photo of vehicles on entry to the

carpork, compares the plate number to that of account

holders it is in the database, the images on collected

and stored onto a database of the car vehicles details

using a DBMS (database management system)

to collect, storing/ retrieving its information, it can

stored on a relational data which tables are related

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/informaton

enabling quicker access to flow data that they need.
DBMS allows them to create schemas to quick find
peoples account numbers, for register quick it save time

(iii)   The changing nature work of using a TPS system
such as its automated job it uses machine/information
technology to do its job, it takes over a humans operation
it conducts the information process automatically. But automatic
jobs need to be efficient when work, person or expert
is used to maintenance the information technology. A
future application of the technology used in this can
be used people access banks of a photo taken it scans
for possible match of photo or accessing buildings and
authorised place. Another one is the purchasing of goods.
Consideration of security needs to be consider such
as the databases needs to secure not enabling hackers
to access the TPS system to use the data for bad purpose
such as stealing peoples bank account details making not
necessary bank account transactions therefore security is
important such as encryption of data to secure using
asrychronov, which uses two keys one their
public that is widely available and a private key which
is secret