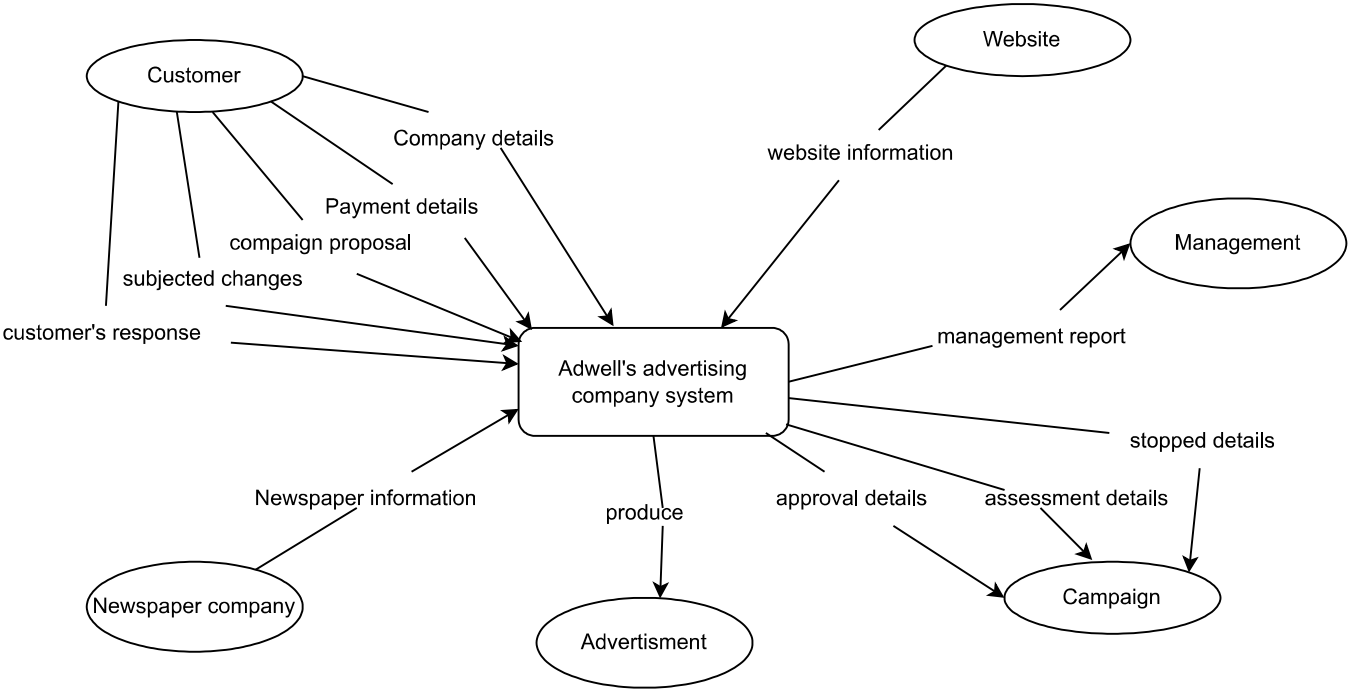CONTEXT DIAGRAM FOR THE ABOVE SCENARIO
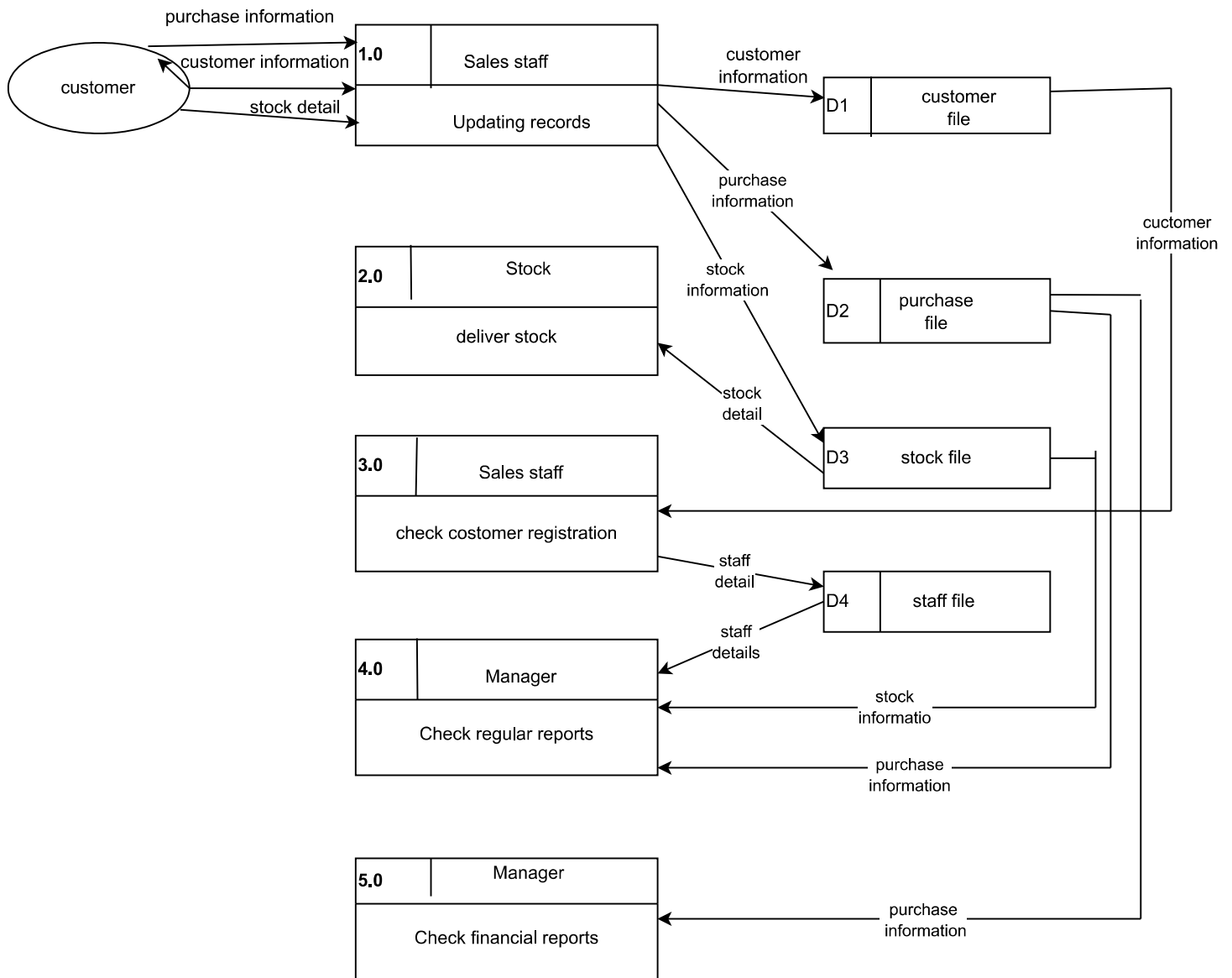
DFD Level 1 FOR THE ABOVE SCENARIO

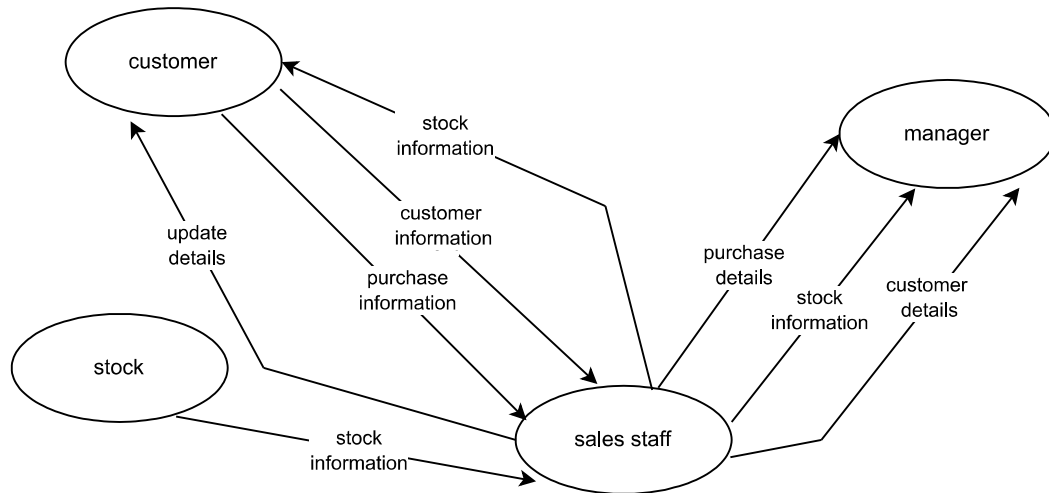Customer —customer requirement→ | Technical staff / Design and implementation of requirement | —Customer requirement→ | D1 Requirement file |

Customer —Campaign details→ | administrative staff / control compain | —Compaign details→ | D2 Compaign file |

—compaign details→ | employee / keep employee's record | ←Employee's records— | D3 Employee file |

| administrative staff / record compain | ←compaign details—

Newspaper —Newspaper information→ | employee / placement availability | —Advertisment information→ | D4 Placement file |

Website —Website information→

compaign —Campaign details→ | technical staff / assessment for satisfactory |

| technical staff / revision | —Revised campaign→ | D2 Campaign file |

Subject changes

customer —costumer response→ | employee / underway compaign | —Stopped campaign details—

customer —Payment details→ | employee / payment |

Completed campaign details

Assessment details

Employee's details

Customer requirement

| management / managment reports | ←

Attribute ←management report— | managment reports |

advertisement information

Text

DFD LEVEL 1 OF THE SCENARIO

purchase information

customer information

customer

stock detail

1.0	Sales staff
	Updating records

customer
information

D1	customer file

purchase
information

cuctomer
information

2.0	Stock
	deliver stock

stock
information

D2	purchase file

stock
detail

3.0	Sales staff
	check costomer registration

D3	stock file

staff
detail

D4	staff file

4.0	Manager
	Check regular reports

staff
details

stock
informatio

purchase
information

5.0	Manager
	Check financial reports

purchase
information

DOCUMENT FLOW DIAGRAM

customer

stock
information

manager

update
details

customer
information

purchase
details

purchase
information

stock
information

customer
details

stock

stock
information

sales staff
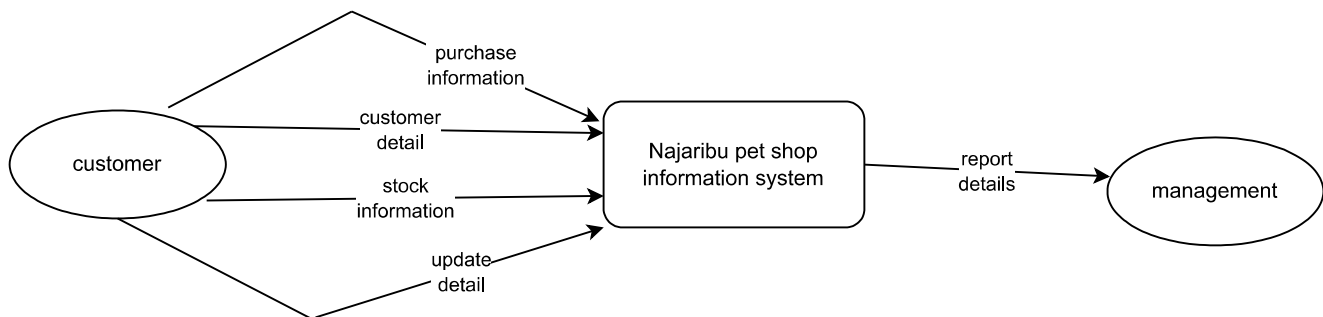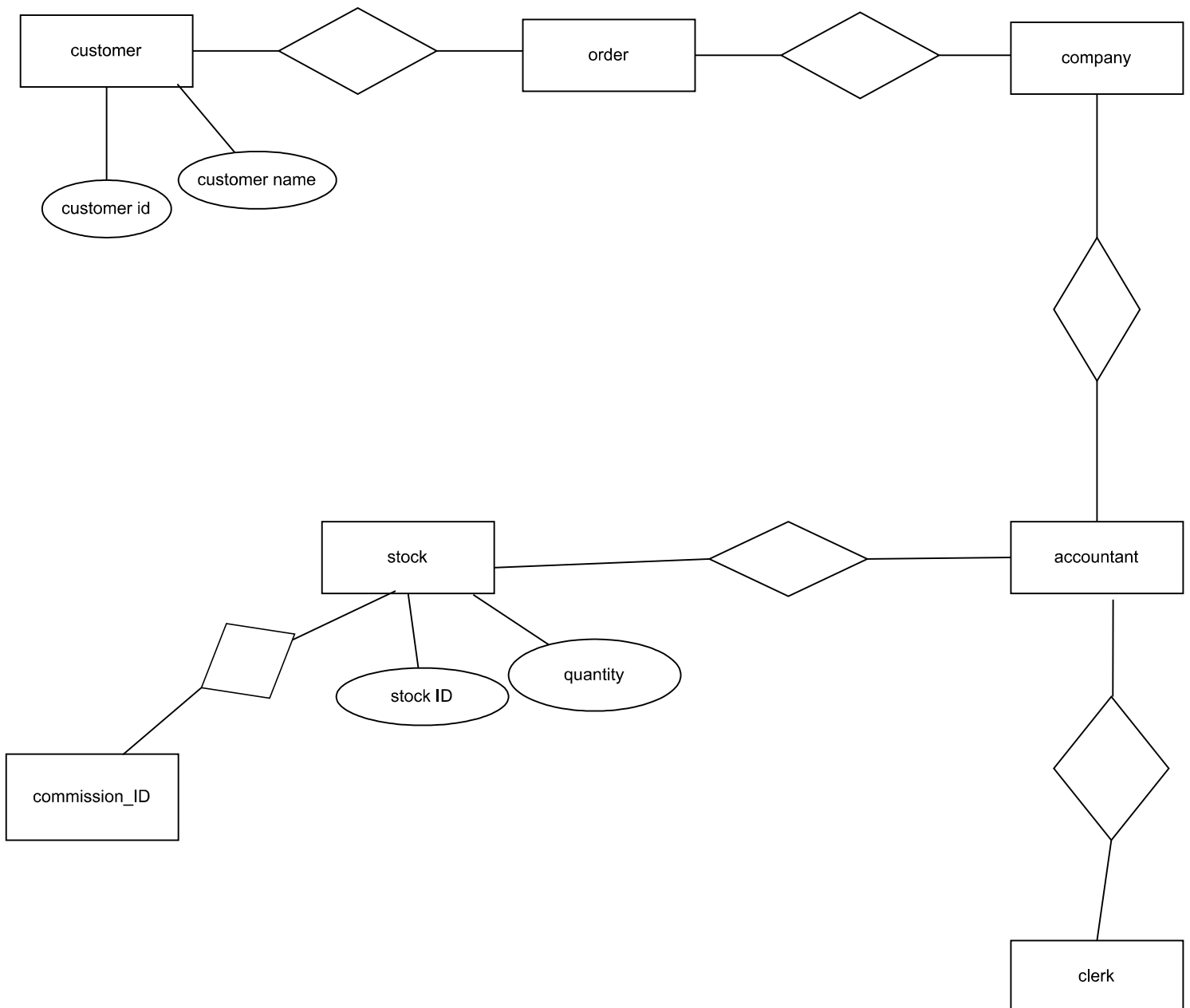
Some of the details here have been assumed and would need to
be checked with the user to make sure they are true reflection of what is
happening. By producing this diagram the analyst is gaining an understanding of
how the current system is working in terms of the information that is being
used and how it is being passed around the system. Here we assume the system to
be produced will include all the functions provided by the different functional
areas but the customer is regarded as being outside the system.

From the
document flow diagram we may construct diagram. This will show the information
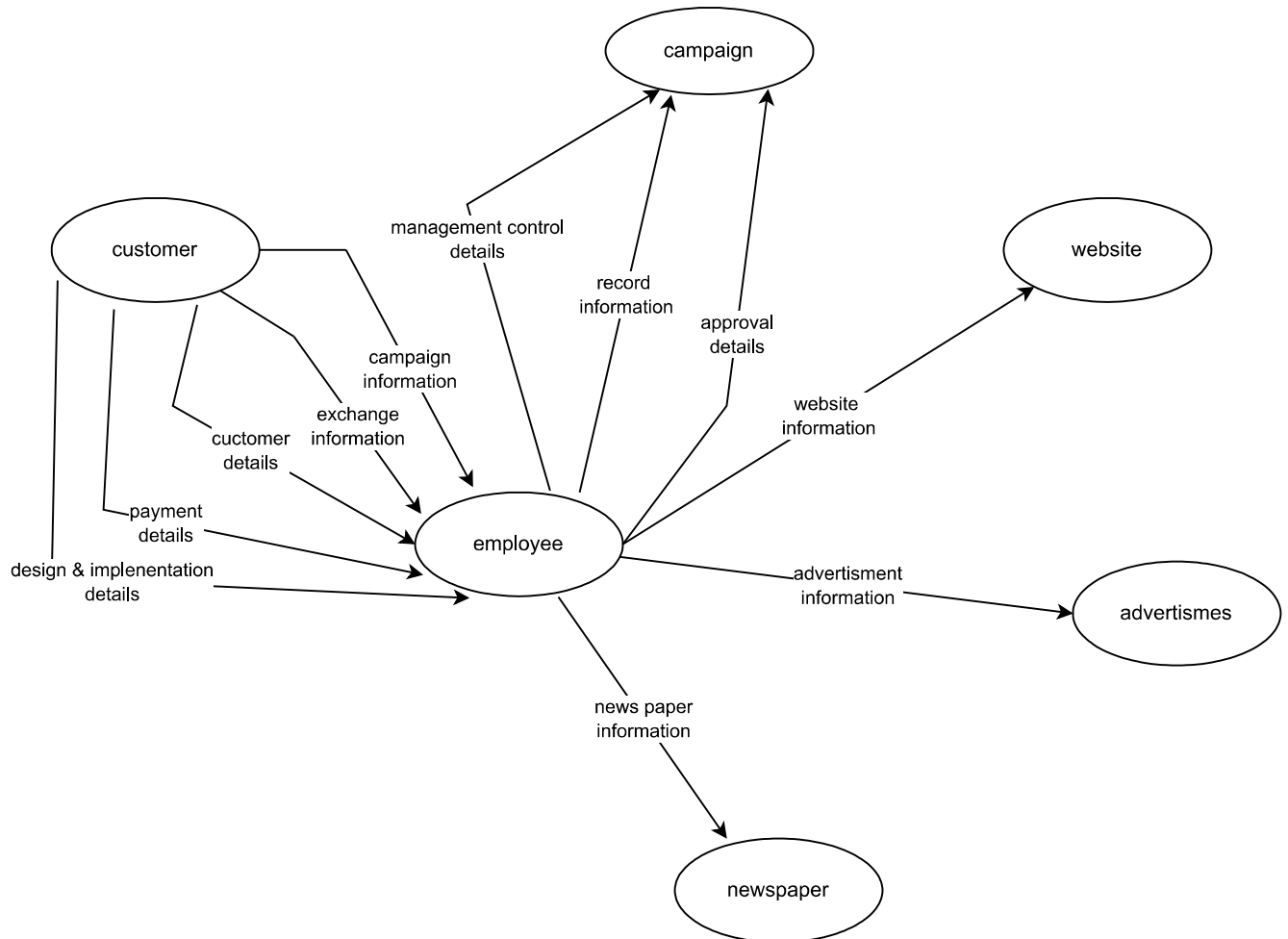entering and leaving the system.

CONTEXT DIAGRAM OF THE SCENARIO

purchase
information

customer
detail

customer

stock
information

Najaribu pet shop
information system

report
details

management

update
detail

ENTITY RELATIONSHIP DIAGRAM (ERD) OF THE SCENARIO

DOCUMENT FLOW DIAGRAM

campaign

customer

website

management control
details

record
information

approval
details

campaign
information

exchange
information

website
information

cuctomer
details

payment
details

employee

advertisment
information

advertismes

design & implenentation
details

news paper
information

newspaper

Some of the details here have been assumed and would need to
be checked with the user to make sure they are true reflection of what is
happening. By producing this diagram the analyst is gaining an understanding of
how the current system is working in terms of the information that is being
used and how it is being passed around the system. Here we assume the system to
be produced will include all the functions provided by the different functional
areas but the customer, website, management, campaign, advertisement and
newspaper are   regarded as being outside
the system.

From the document
flow diagram we may construct diagram. This will show the information entering
and leaving the system.

ENTITY RELATIONSHIP DIAGRAM

student#

courseCode

student

noCredit

stdName

student#

course

moduleCode

courseTittle

moduleTittle

appraisal

gradePoint

result

module

result

resultCode

courseCode

moduleCode

resultCode

1

1

M

M

M

M

1

1

AWS S3

Frontend

HTML,
CSS,
JavaScript

**Web
Server**

Ngnx

Backend

Django

Database

MySQL

Actor

Browser