Task 1b: L1 DFD

Outlet → Available publications details
Outlet → Order details
Outlet → Invoice details

2.0 Menzies Distribution — Confirm outlet order
- Order Receipt → Outlet

D1 Available publications details
- Available publications details
- Request details on available publications

3.0 Menzies Distribution — Check publication availability
- Publication availability

5.0 Menzies Distribution — Generate invoice
- Outlet payment details
- Confirmed outlet order details
- Returned publication credit

D2 Confirmed outlet orders
- Confirmed outlet order details

D4 Sales reports
- Sales report details
- Outlet order details

6.0 Menzies Distribution — Generate sales report

7.0 Menzies Distribution — Distribute outlet order and invoice details
- Confirmed outlet order details
- Invoice details

Delivery Driver
- Delivery Details
- Details of returned publications

D3 Invoices
- Invoice details

1.0 Menzies Distribution — Order publications
- Bulk order receipt
- Bulk order invoice
- Bulk order details
- Sales data
- Menzies' payment details
- Contract details
- Available publications details

Publisher

Staff
- Order details
- Invoice details
- Sales report details
- Outlet addresses

4.0 Menzies Distribution — Manage publications delivery

Level 0:

- 'Outlet payment details' and 'Menzies' payment details' data flows include any information that the Outlets and Menzies need to provide to pay for the orders they each make.

Level 1:

- DFD is not decomposed.

- 'Staff' external entity can include members from admin, finance, accounts and logistics departments.

- 'Delivery details' data flow received by the 'Delivery driver' includes the address of the Outlets, the publications ordered by each Outlet and the time at which the publications should be delivered.

- Delivery is fulfilled and an invoice is generated before the Outlet provides payments, such that an invoice can be generated that considers the credit for returned publications.

- Not all publications are always available from Menzies Distribution. The 'Check publication availability' process allows the Outlet to see the available publications before making an order.

- Driver's delivery route is generated within the 'Manage publications delivery' process.

- Stock management considered within the 'Manage publications delivery' process.