

Appendix

Table 5.
Data Sample of All Companies

#	ID	Name	Location
1	111111	Supplier 1	City A
2	222222	Supplier 2	City A
3	333333	Supplier 3	City A
4	444444	Customer 1	City B
5	555555	Customer 2	City C
6	666666	Customer 3	City C
7	777777	Courier	City A, B, and C

Table 6.
Data Sample of Products Detail from All Companies

#	ID	Name	Ingredients	Halal Certificate ID	Manufacturer Name
1	111111 000001	Carcass Chicken	Chicken	00111111000001	Supp1
2	222222 000001	Carcass Chicken	Chicken	00222222000001	Supp2
3	333332 000001	Chicken Sausage	Chicken, Salt, Garlic	00333333000001	Supp3

Table 7.
Data Sample of Product Batches Detail from All Companies

#	ID	Product	QTY	Ingredients
1	111111 000001 21010301	ID: 111111 000001 Name: Carcass Chicken Ingredients: Halal Certificate ID: 00011111000001 Manufacturer Name: Supp1	1000	
2	222222 000001 21010301	ID: 222222 000001 Name: Carcass Chicken Ingredients: Halal Certificate ID: 00022222000001 Manufacturer Name: Supp2	1500	
3	333333 000001 21010501	ID: 333333 000001 Name: Chicken Sausage Ingredients: Chicken, Salt, Garlic Halal Certificate ID: 00033333000001 Manufacturer Name: Supp3	2000	222222 000001 21010301

Table 8.
Data Sample of Batches Detail from All Companies

#	ID	Buyer ID	Items
1	111111 210105001	44444	Batch ID: 111111 000001 21010301 QTY: 100
2	222222 210105001	55555	Batch ID: 222222 000001 21010301 QTY: 1000
3	222222 210105002	33333	Batch ID: 222222 000001 21010301 QTY: 500

4	333333 210107001	66666	Batch ID: 333333 000001 21010501 QTY: 800
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Table 9.
Data Sample of Shipments Detail from All Companies

#	ID	Invoices	History
1	777777 2101050001	ID: 111111 210105001 QTY: 100	Date: 2021-05-01 Time: 10:00 Location: Pick up at origin Date: 2021-05-01 Time: 11:00 Location: Arrived at City A Facility Date: 2021-05-01 Time: 12:00 Location: Departed from City A Facility Date: 2021-05-02 Time: 03:00 Location: Arrived at City B Facility Date: 2021-05-02 Time: 08:00 Location: Departed from City B Facility Date: 2021-05-02 Time: 10:00 Location: Arrived at destination
2	777777 2101050002	ID: 222222 210105001 QTY: 1000	Date: 2021-05-01 Time: 16:00 Location: Pick up at origin Date: 2021-05-01 Time: 17:00 Location: Arrived at City A Facility Date: 2021-05-01 Time: 18:00 Location: Departed from City A Facility Date: 2021-05-01 Time: 22:00 Location: Arrived at City C Facility Date: 2021-05-01 Time: 22:00 Location: Departed from City C Facility Date: 2021-05-02 Time: 03:00 Location: Arrived at destination
		ID: 222222 210105002 QTY: 500	Date: 2021-05-01 Time: 16:00 Location: Pick up at origin Date: 2021-05-01 Time: 17:00 Location: Arrived at City A Facility Date: 2021-05-01 Time: 18:00 Location: Departed from City A Facility Date: 2021-05-01 Time: 19:00 Location: Arrived at destination

3 777777 2101070001	ID: 111111210107001 Batch ID: 333333 000001 21010501 QTY: 800	Date: 2021-07-01 Time: 10:00 Location: Pick up at origin
		Date: 2021-07-01 Time: 11:00 Location: Arrived at City A Facility Date: 2021-07-01 Time: 12:00 Location: Departed from City A Facility Date: 2021-07-01 Time: 18:00 Location: Arrived at City C Facility Date: 2021-07-01 Time: 19:00 Location: Departed from City C Facility Date: 2021-07-01 Time: 20:00 Location: Arrived at destination