Code To Connect: Group 20 Neo Zhi Xuan, Nurin Insyirah, Tan Jing Jie

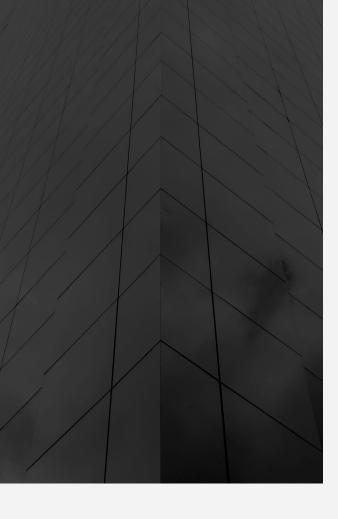
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Overview

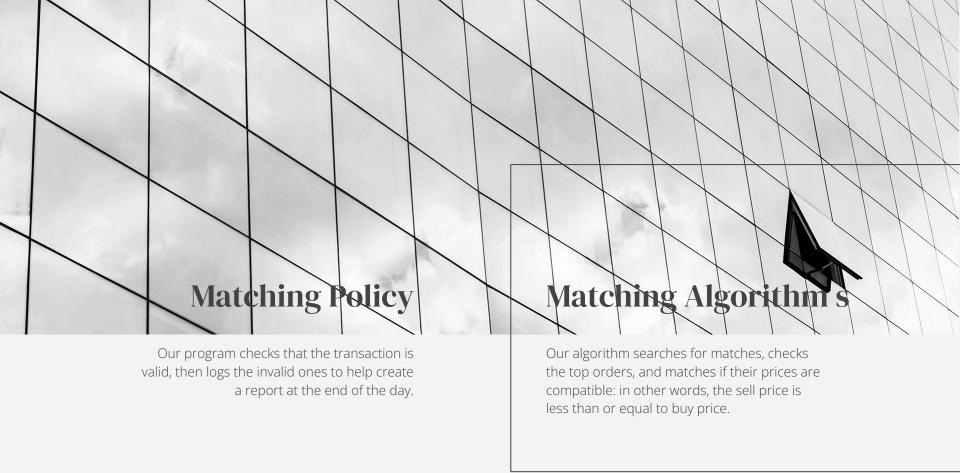
Design and architecture

Consolidated reports



Our Approach

Prioritising efficiency and readable code, we wrote a program in Java to validate, match, and collect information on orders.





In order, our program prioritises price, rating, and arrival time in determining who gets matched first.



Consolidated Reports

1	CLIENT_105	INST_000	98879
2	CLIENT_105	INST_002	123
3	CLIENT_105	INST_001	3601
4	CLIENT_105	INST_008	43093
5	CLIENT_105	INST_007	34
6	CLIENT_105	INST_009	712
7	CLIENT_105	INST_004	12793
8	CLIENT_105	INST_003	49
9	CLIENT_105	INST_006	148
10	CLIENT_105	INST_005	343405
11	CLIENT_104	INST_001	8705
12	CLIENT_104	INST_000	170542

ORDER_4226	POSITION_CHECK_FAILED
ORDER_9917	POSITION_CHECK_FAILED
ORDER_5559	POSITION_CHECK_FAILED
ORDER_4225	POSITION_CHECK_FAILED
ORDER_7736	POSITION_CHECK_FAILED
ORDER_9915	POSITION_CHECK_FAILED
ORDER_9913	POSITION_CHECK_FAILED
ORDER_9910	MISMATCHED_CURRENCY
ORDER_4228	POSITION_CHECK_FAILED
ORDER_7735	MISMATCHED_CURRENCY

INST_002	null	null	10229	100.79458402580897	101.0	0.0
INST_001	null	null	1043800	100.74974746119948	101.0	0.0
INST_004	null	null	937100	100.79089531533454	101.0	0.0
INST_003	null	null	10615	100.8185209609044	101.0	0.0
INST_006	null	null	12675	100.78190927021696	101.0	0.0
INST_005	null	null	12547000	100.71941654578785	101.0	0.0
INST_008	null	null	7806999	100.73172892682578	101.0	0.0

