High-level Requirements													
Project Name:													
Project Stage:	Build/Unit Test												
High-level Requirement ID	Business Topic	Requirement Name	Description	Priority	Release Number	Requirement Source	Stability		Status	Owner	Change Request ID	Interface Requirement? (Y/N)	Notes
HLR_001	Database Management	Create orderbook	Have an orderbook db to hold information	High		sow		N/A				No	
HLR_002	Database Management	Add Orders to Database	Have 100+ orders in the database	High		sow		HLR_001				No	
HLR 003	Database Management	Add Stock Information	Stock information must include a symbol, price, side, size, and a counterparty	High		sow		HLR 002				No	
HLK_003	Database Management	Add Stock information	Have entities representing data that can	nign		3000		HLK_002		_		NO	
HLR_004	App Format	Have Entities	be persisted to the database	Medium		sow		N/A				No	
HLR_005	App Format	Have Repositories	Have repositories to manage the data	Medium		sow		HLR_005				No	
			Have a service layer to manage business										
HLR_006	App Format	Have a Service Layer	logic	Medium		sow		HLR_005				No	
HLR 007	App Format	Have a Controller	Have a controller to manage system mapping	Medium		sow		HLR 005				No	
	.,,,,		Randomly generated bid based on stock										
HLR_008	Conducting Trades	Get Bid	info must fall within price limits	Low		sow		HLR_002				No	
ooo	Conduction Torder	Contact	Randomly generated ask based on stock	1		cour		UUD 003				N-	
HLR_009	Conducting Trades	Get Ask	info must fall within price limits	Low		sow		HLR_002				No	
HLR_010	Conducting Trades	Match Orders	Bid and ask must match before a trade is made	High				HLR_009				No	
HLR_011	Conducting Trades	Create Trades	Create a trade once the bid and ask match	Medium		sow		HLR_010				No	
HLR_012	Conducting Trades	Delete Orders	Remove the order from the systems	Low		sow		HLR_002				No	
			When an order is made, the size decreases										
HLR_013	Conducting Trades	Change Size	accordingly	High		sow		HLR_010		-		No	
HLR_014	Conducting Trades	Trade Engine	A Trade Engine will match buys to sells, and create trades	High				HLR_011				No	
			Buys are sorted with most expensive on									***	
HLR_015	UI	Sort Buys	the top	Medium		sow		HLR_008				Yes	
HLR_016	UI	Sort Offers	Offers are sorted with the lowest bid on	Medium		sow		HLR 009					
HLK_016	UI	Sort Offers	top List of historic trades displayed through a	Medium		SOW	_	HLK_009		\vdash		Yes	
HLR_017	UI	Display Time/Sales Grid	time/sales grid	Low		sow		HLR_014				Yes	
			UI allows the user to manage orders by										
HLR_018	VI	Manage Orders Interface	matching and deleting orders, or creating trades	High		sow		HLR_014				Yes	
TIER_016	OI .	ivialiage Orders interface	Allow user to view buys and sells with	Iligii		3000		HEN_014				ies	
HLR_019	UI	Create Stock Ticker UI	associated information	High		sow		HLR_014				Yes	
			Allow user to view trades with associated										
HLR_020	UI	Create Trade History UI	information	High		sow		HLR_014				Yes	
HLR_021	UI	Give Feedback	Return appropraite messaging and feedback based on trade activities	Medium		sow		HLR_014				Yes	
110,000	•	0.10.10000001	Orderbook is ordered so buys are on the	- Incaram		33.1		THEN_OR T					
			left with the most expensive bid on the										
HLR_022	UI	View Orderbook	top; offers are on the right with the lowest bid on top	Medium		sow		HLR_016				Yes	
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