

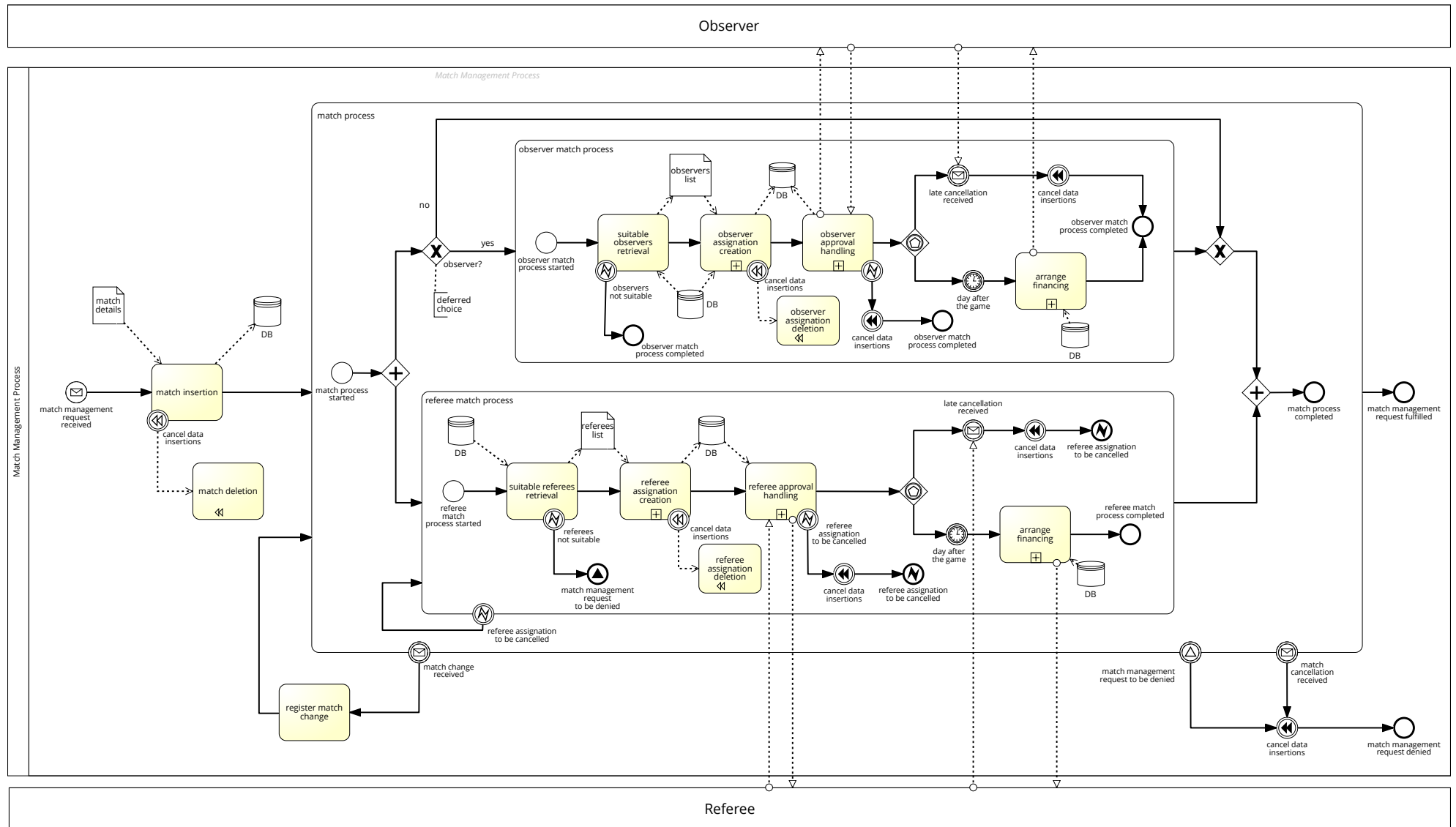
Filosi Davide (22760), Muhammad Kashif  
Modelling and Database Project  
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**Football Referee Club**

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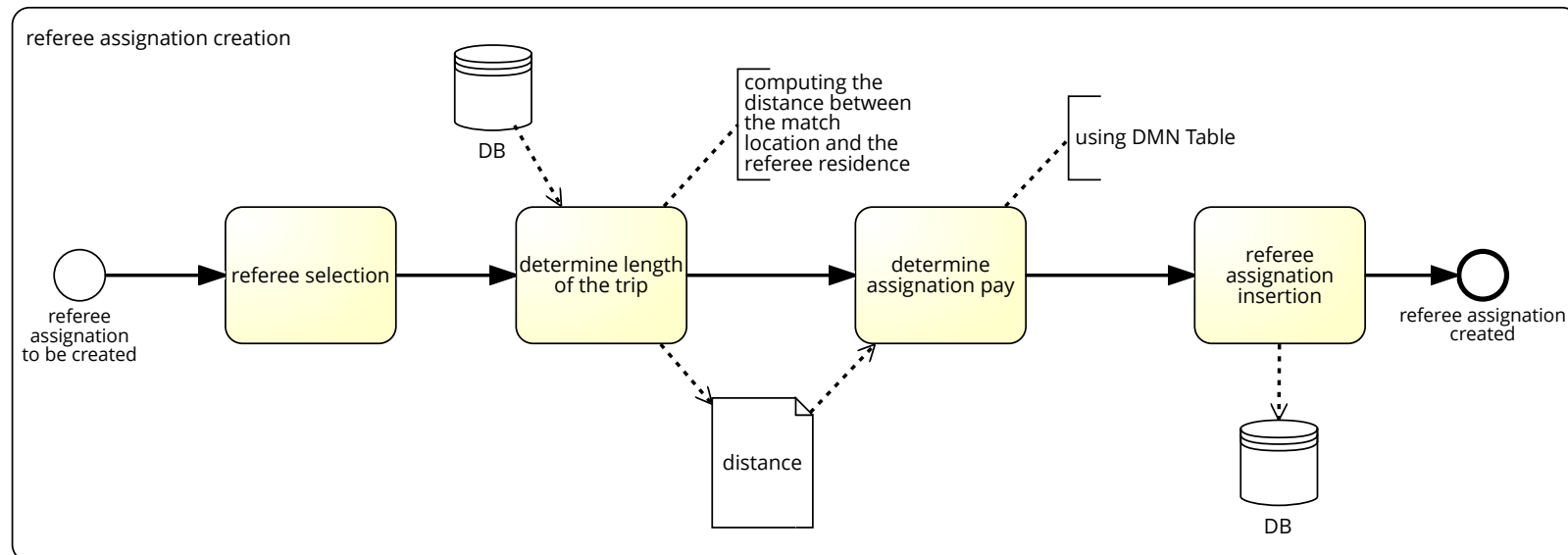
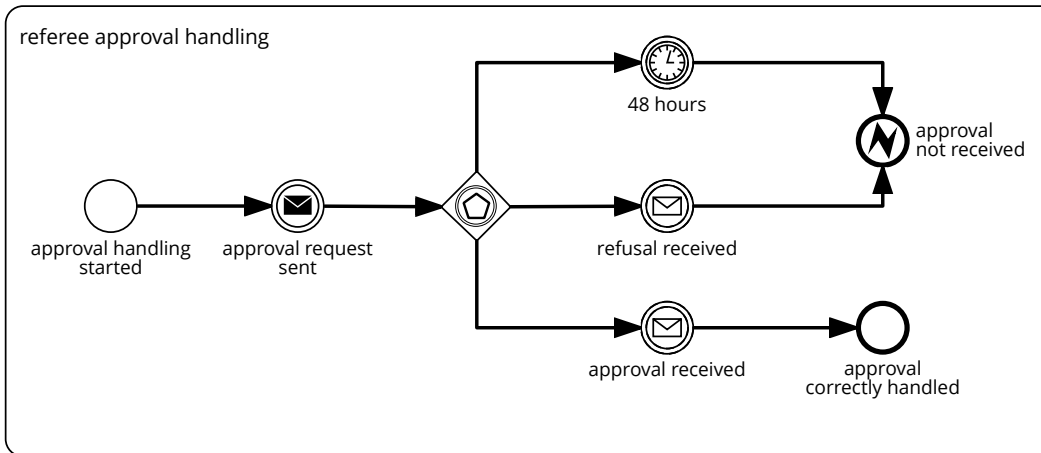
## High-Level Activities Table

Activity	Responsibility	Condition	Requirements	End States
Match insertion	Managerial member	N	Match details received	Match inserted
Match deletion	Managerial member	Y	Cancel data insertions	Match deleted
Suitable observers retrieval	Managerial member	Y	Observer match process started	Suitable observers retrieved
Observer assignation creation	Managerial member	Y	Suitable observers retrieved	Observer assignation created
Observer assignation deletion	Managerial member	Y	Cancel data insertions	Observer assignation deleted
Observer approval handling	Managerial member	Y	Observer assignation created	Observer assignation approved
Suitable referees retrieval	Managerial member	N	Referee match process started	Suitable referees retrieved
Referee assignation creation	Managerial member	N	Suitable referees retrieved	Referee assignation created
Referee assignation deletion	Managerial member	Y	Cancel data insertions	Referee assignation deleted
Referee approval handling	Managerial member	N	Referee assignation created	Referee assignation approved
Register match change	Managerial member	Y	Match change received	Match change registered
Arrange financing	Treasurer	N	Day after the game	Financing arranged

# Main Process



# Sub-processes



## DMN table

Determine assignation pay				
U	Role	Category	Distance	Pay
	Referee, Observer	Junior, Senior	> 0	> 0
1	Referee	Junior	(0;25]	36
2	Referee	Junior	(25;50]	44
3	Referee	Junior	(50;75]	47
4	Referee	Junior	(75;100]	57
5	Referee	Senior	(0;25]	43
6	Referee	Senior	(25;50]	58
7	Referee	Senior	(50;75]	68
8	Referee	Senior	(75;100]	74
9	Observer	Junior, Senior	(0;75]	37
10	Observer	Junior, Senior	(75;100]	41

### Notes:

- The referee club receives requests from a bigger institution to manage some matches, or in other words provide "refereeing service".
- A referee is always required for the match to be played, meanwhile an observer is not required. Therefore for example when an observer does not approve an assignation, there is no need to find a substitute.