Anthony Randall

Design Phase Part 2 - 2NF/ 3NF

==2NF== **FOR OLYMPICS:**

Let's break the list down into a few groups…

==**Athlete:**==	==**Event:**==	==**Ticket:**==
Athlete ID	Event ID	Ticket ID
Name	Event Time	Ticket Type
Age	Event Team	Ticket Price
Nationality	Event Name	Ticket Name
Sport	Event Date	Ticket Date
	Event Location	Event ID

==**Stadium:**==	==**Medal:**==
Stadium ID	Medal ID
Ticket ID	Medal Type
Stadium Name	Event ID
Stadium Capacity	Athlete ID
Stadium Location	Medal Date
Stadium Roof (opened, closed, adjustable roof)	

3NF FOR OLYMPICS:

Time to add the keys to our groups…

Athlete:	Event:	Ticket:
Athlete ID (PK)	Event ID (PK)	Ticket ID (PK)
Name	Event Time	Event ID (FK)
Age	Event Team (PK)	Ticket Type
Nationality	Event Name (FK)	Ticket Price
Event Name (FK)	Event Date	Ticket Name
Medal Type		Ticket Date
Medal Year		

Stadium:

Stadium ID (PK)

Ticket ID (FK)

Stadium Name

Stadium Capacity

Stadium Roof (opened, closed, adjustable

roof)

Athlete → Event → Ticket → Stadium