Solution Assignment CS403

KHAN CS ACADEMY

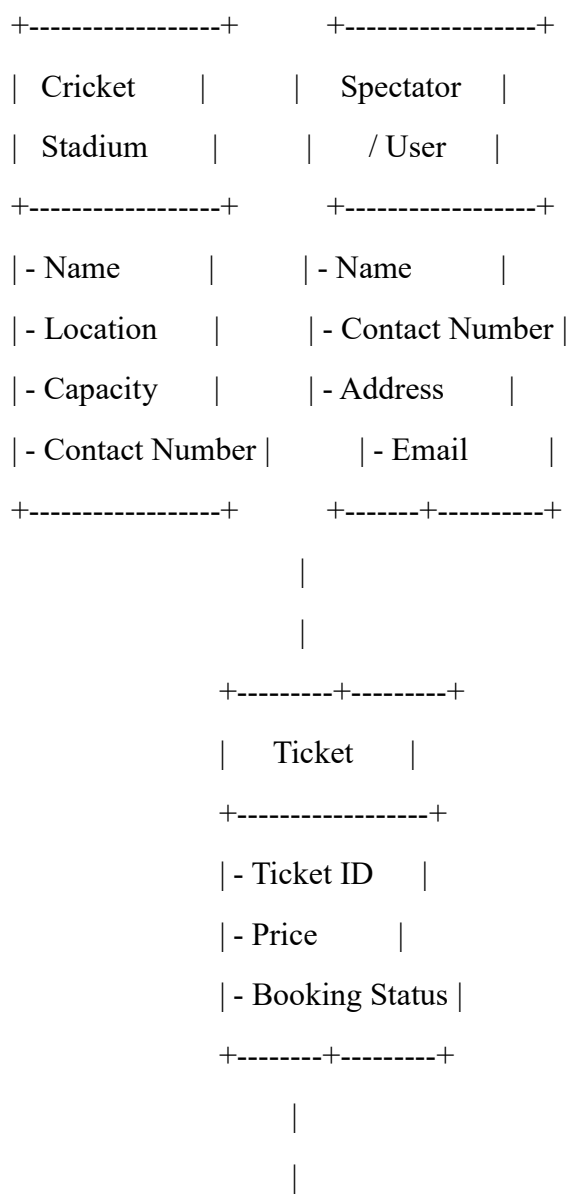
Task 1:

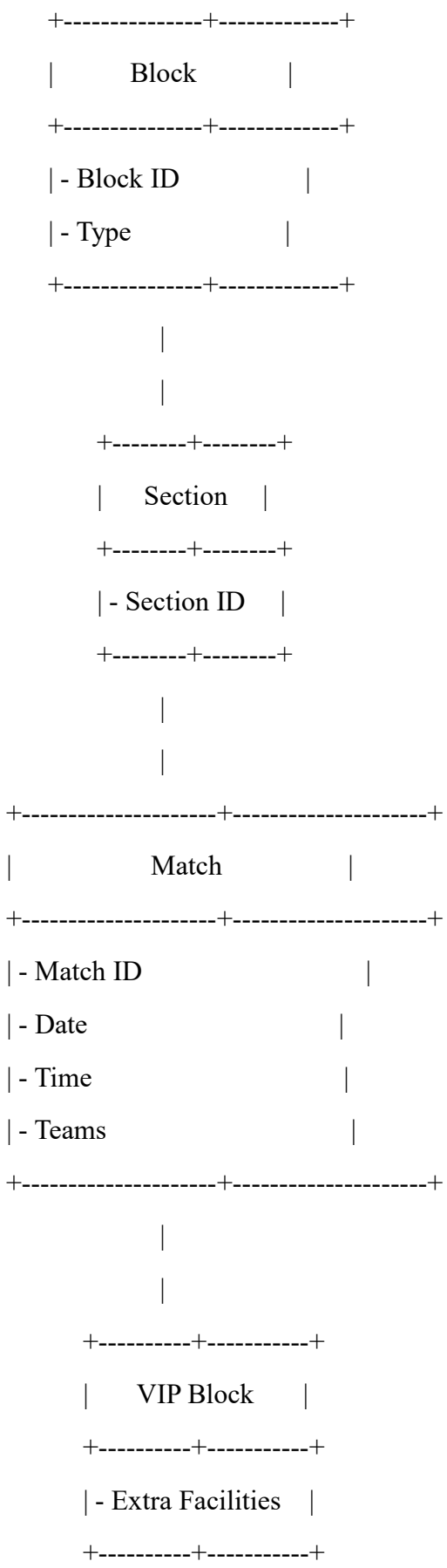
1) Entities	2) Super Type and Subtype Entities:	3) Attributes:	4) Relationships:
Spectator/User		Simple Type entity: Attributes: Name, Contact Number, Address	User - Ticket: Minimum Cardinality: 0 Maximum Cardinality: 1
Cricket Stadium			Cricket Stadium - Block: Minimum Cardinality: 1 Maximum Cardinality: Many
Ticket	Ticket Super Type: Ticket Sub Types: VIP Ticket, General Ticket		User - Ticket: Minimum Cardinality: 0 Maximum Cardinality: 1
Parking Slot	Super Type: Parking Slot Sub Types: VIP Parking Slot, General Parking Slot		Block - Parking Slot: Minimum Cardinality: 0 Maximum Cardinality: Many
Block	Block Super Type: Block Sub Types: VIP Block, General Block	Super Type entity: Attributes: Ticket ID, Price, Booking Status	Block - Section: Minimum Cardinality: 1 Maximum Cardinality: Many
Section			Section - Match: Minimum Cardinality: 1 Maximum Cardinality: Many
Match			
VIP Block		Sub Type Entities: VIP Block:	VIP Block - VIP Ticket:

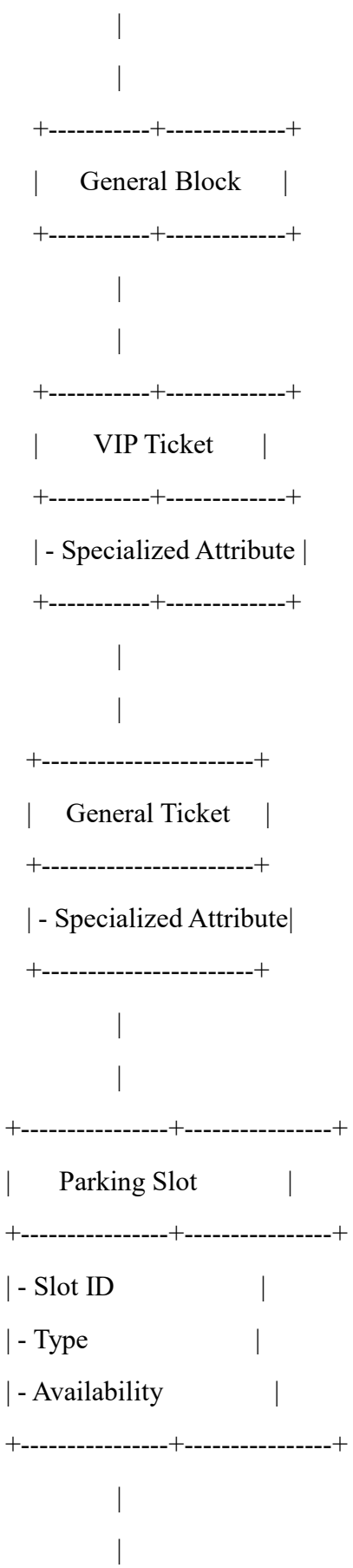
		Specialized Attribute: Extra Facilities	Minimum Cardinality: 0 Maximum Cardinality: Many
General Block			General Block - General Ticket: Minimum Cardinality: 0 Maximum Cardinality: Many

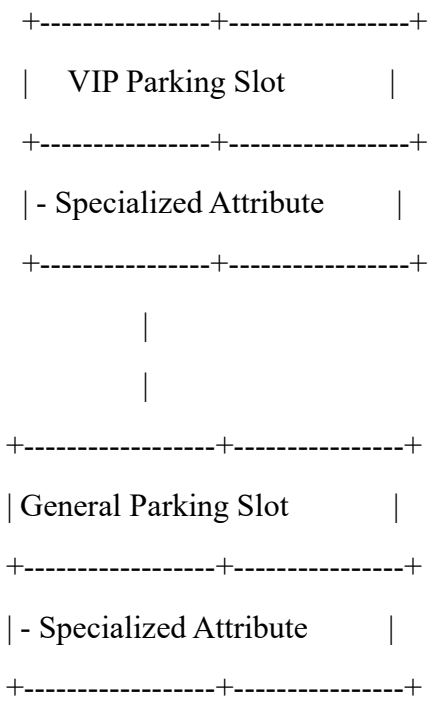
Task 2:

This Diagram is just for concept, after considering it you have to make your diagram in MS VISIO, MS WORD, PAINT otherwise your assignment will be marked as zero.




Block
- Block ID
- Type
Section
- Section ID
Match
- Match ID
- Date
- Time
- Teams
VIP Block
- Extra Facilities


General Block
VIP Ticket
- Specialized Attribute
General Ticket
- Specialized Attribute
Parking Slot
- Slot ID
- Type
- Availability


VIP Parking Slot
- Specialized Attribute
General Parking Slot
- Specialized Attribute