

## **SESSIONAL ASSIGNMENT**

**Course Title: Database Systems**

**Instructor: Rimsha Khan**

**Total Marks: 20**

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**Draw the following diagrams on paper and take a picture of it. Or create on Lucid chart or on draw.io. Convert to pdf, then upload.**

**Q1: Using the following business rules create your own ERD. (10 Marks)**

**Following requirements for a simple database for the National Hockey League (NHL):**

- the NHL has many teams,
- these teams only belong to NHL
- each team has a name, a city, a coach, a captain, and a set of players,
- each player belongs to only one team,
- each player has a name, a position (such as left wing or goalie), a skill level, and a set of injury records
- NHL has an official website.
- The website has a unique URL and title.

**Q2: Now convert the ERD made in Q1 to Rational Model. (10 Marks)**

\*\*\*\*\* Good Luck 😊 \*\*\*\*\*