

Cairo University

Faculty of Engineering

# Advanced Database Systems Project

CMP2020 Team 11

<b>Name</b>	<b>sec</b>	<b>B.N</b>
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## **System:**

CPU: Intel i7 5700HQ CPU 2.7GHZ 4 cores

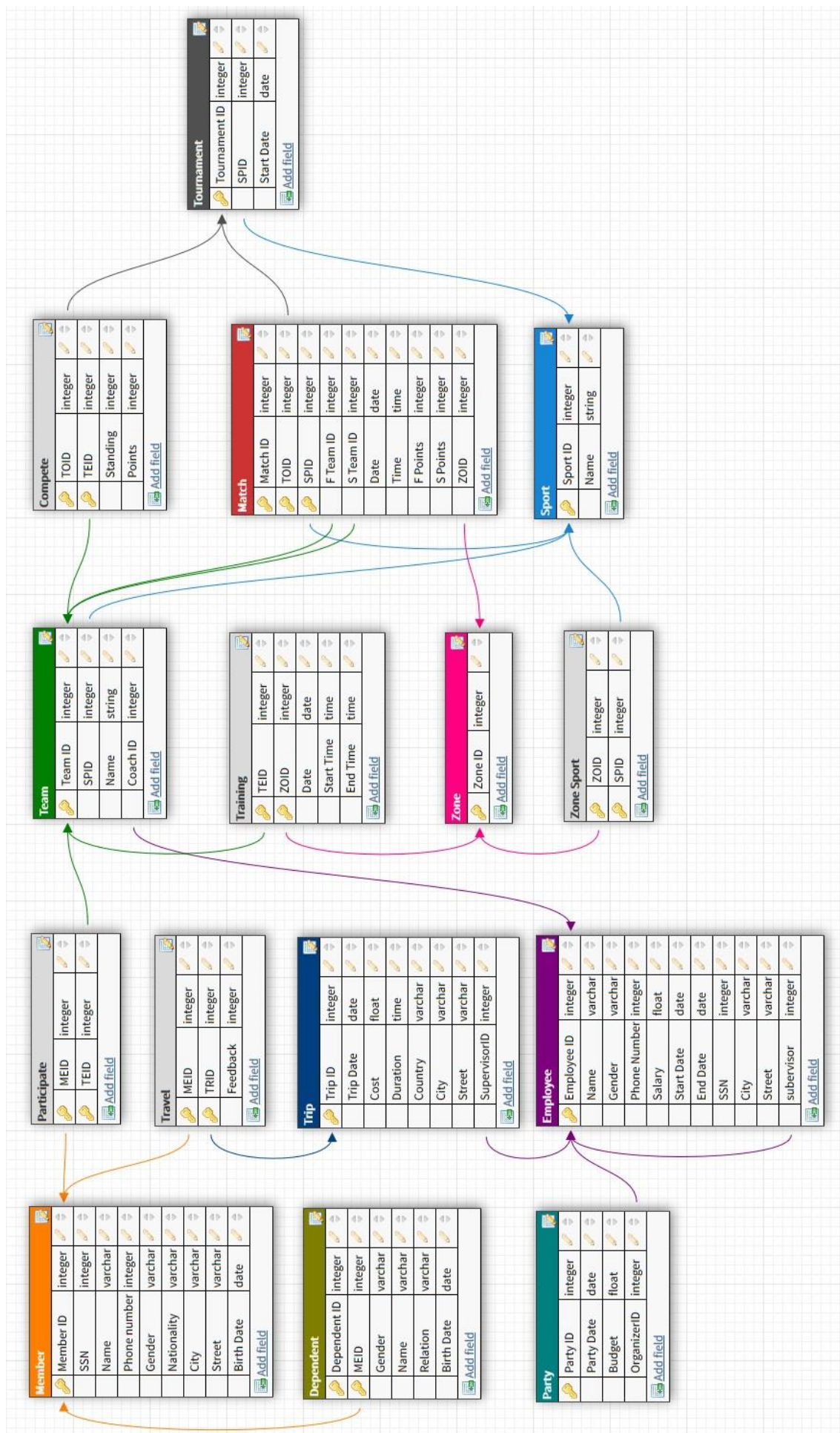
Graphics: NVIDIA GeForce GTX 960M 2GB

RAM: 16GB DDR3 1600MHz

Operating system: Windows 10 Enterprise

Storage: 1TB 7200 RPM hard disk + 500GB SSD

## ER diagram for Database:



## Database report: It's a separate PDF file.

### Schema implementation On NOSQL DATABASE:

#### Member {

"Member ID" : 1,  
"SSN" : 1504474512,  
"Name" : "Leonardo223",  
"Phone number" : 1169375621,  
"Gender" : "U",  
"Nationality" :  
"4BVQEDUCIM6V1K6RMO8PZ2PM7TPAU6OESMH37NIT2HC3ALPS8V11YC71M9JLOJHCXR2E23JY6ENHQLBM4W1Z5  
MFGEGHX4X5I005JIAP5B2VKOQB0XWGRIH6BCL0MMLU894GPFS4U7WO2RVRO4GZ8HD0JTU7XA3IP8MAK9ML5SMK  
LS4JGTIC6LMRW4XVKL7J3DZU4L7EIVUGUSE",  
"City" : "Aurora",  
"Street" :  
"PPBN5AUL93Q82YFLUQ0ZGFETIJUGX77UBKQKZNDMML529QZI3XIDQIRABH5MC04CVIERDOOV3NCTU8R8TYCDZPT  
4JAF2U10MI89JVZLT22EQDYG2QWSDOQC6P9739Y01MQBLY8DUCIBWA3QLTCCX8MYSW3ULRHK42C3NMV3IJY15FG  
VLJLAWM2T0SIOVDR2VY6U",  
"Birth Date" : ISODate("2003-02-21T06:33:46.3Z") }

#### Dependent {

"Dependent ID" : 1,  
"MEID" : 956508,  
"Gender" : "V",  
"Name" : "Melvin678",  
"Relation" : "GBZCXI65CN1BAJ1ZCIDE1Q5GPRNHZP8ORLBKYENPBALW33KK3U1QX1QQ",  
"Birth Date" : ISODate("1972-12-04T00:18:41.09Z") }

#### Training {

"TEID" : 1,  
"ZOID" : 1,  
"Date" : ISODate("1999-07-30T04:09:37.62Z"),  
"Start Time" : Timestamp(86, 708730571),  
"End Time" : Timestamp(158, 2133988161) }

#### Zone {

"Zone ID" : 1 }

**Employee {**

```
"Employee ID" : 1,
"Name" : "Ginger Allen",
"Gender" : "B",
"Phone Number" : 2011229429,
"Salary" : 1485.9759721374026,
"Start Date" : ISODate("1970-07-08T15:54:08.87Z"),
"End Date" : ISODate("2004-12-29T18:23:42.83Z"),
"SSN" : 1103946678,
"City" : "Grand Rapids",
"Street" :
"DLLW6KEGSQEPMTJCCS4IMMAJG7PPLAGKWWY8LXN701F96O33ETKJ2UQYBCPCOR7GX5QWQBQF5XHL70DS4MB
RPWH15ZW88BI9UYCOY6D234E4D5QAZW72FFQ0OOQQE7TF7Q8ODUX98OLHCO09M9B3FTE7BC9FNOLXLP5",
"supervisor" : 1
}
```

**Trip {**

```
"Trip ID" : 1,
"Trip Date" : null,
"Cost" : 666.70930882296966,
"Duration" : Timestamp(172, 659517958),
"Country" : "Haiti",
"City" : "Garland",
"Street" :
"34MR9B5YPNK5HFWR9HMB0QWKT5B6UR07GKRQPKA3IQD0164PMD3TED81YD6USUVKY1V41JY11X857STY7G8E
WD16IOR5EFBOVT20BZO2F1RH43U5J7NBMHKNK0OMCSSNLMKADQTM7R5ZUMK2FU",
"SupervisorID" : 264268
}
```

**Travel {**

```
"MEID" : 1,
"TRID" : 700622,
"Feedback" : -1937235333
}
```

**Tournament {**

```
"Tournament ID" : 1,
"SPID" : 727,
"Start Date" : ISODate("1982-03-23T08:33:41.47Z") }
```

**Team {**

"Team ID" : 1,  
"SPID" : 727,  
"Name" : "Patrice256",  
"Coach ID" : 264268

}

**Sport {**

"Sport ID" : 1,  
"Name" : "Ramona641"

}

**Party {**

"Party ID" : 1,  
"Party Date" : ISODate("1954-12-20T05:17:44.18Z"),  
"Budget" : 1104.4485527577103,  
"OrganizerID" : 264268

}

**Match {**

"Match ID" : 1,  
"TOID" : 727,  
"SPID" : 727,  
"F Team ID" : 727,  
"S Team ID" : 727,  
"Date" : ISODate("1968-02-10T09:29:36.65Z"),  
"Time" : Timestamp(151, 635275622),  
"F Points" : 587950223,  
"S Points" : -1709850045,  
"ZOID" : 727

}

**Compete {**

"TOID" : 1,  
"TEID" : 1,  
"Standing" : 712666107,  
"Points" : 1214999976

}

**Participate {**

"MEID" : 1,  
"TEID" : 700622

}

**Zone Sport {**

"ZOID" : 1,  
"SPID" : 1

}