

# CSC 461 ASMT 6.b

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## Step 1: Mapping of Regular Entity Types

There are three entities in my E/R Diagram. Create relations for each of them with their simple attributes.

```
member(member_id, member_name)
reservation(reservation_id)
court(court_id, court_name, court_location)
```

## Step 2: Mapping of Weak Entity Types

There are no weak entities in my E/R Diagram.

## Step 3: Mapping of Binary 1:1 Relationship Types

There are no binary 1:1 relationship types in my E/R Diagram.

## Step 4: Mapping of Binary 1:N Relationship Types

I am using the foreign key approach.

```
reservation(reservation_id, member_id, time_stamp, type_of_action, court_id, day, time_of_day)
```

## Step 5: Mapping M:N relationship types

I do not have M:N relationship types in my E/R Diagram.

## Step 6: Mapping of multivalued attributes.

I do not have multivalued attributes in my E/R Diagram.

## Step 7: Mapping of Nary Relationship Types.

I do not have Nary relationship types in my E/R Diagram.