EXPERIMENT – 1

ER DIAGRAM OF COLLEGE DATABASE

AIM: Draw an ER diagram of a college database.

Components of an ER Diagram:

Entity: Object that is relevant to given system. Represented as rectangle.

Weak Entity: An entity that depends on another entity. Represented as double rectangle.

Attribute: Trait of an entity, relationship or other attribute. Represented by oval.

Multivalued Attributes: Attributes that have more than one value. Represented as double oval.

Derived Attribute: Attribute derived from another attribute. Represented as dotted oval.

Relationship: Described how entities interact. Represented by rhombus.