**3. System Design**

**3.1 ER Diagram**

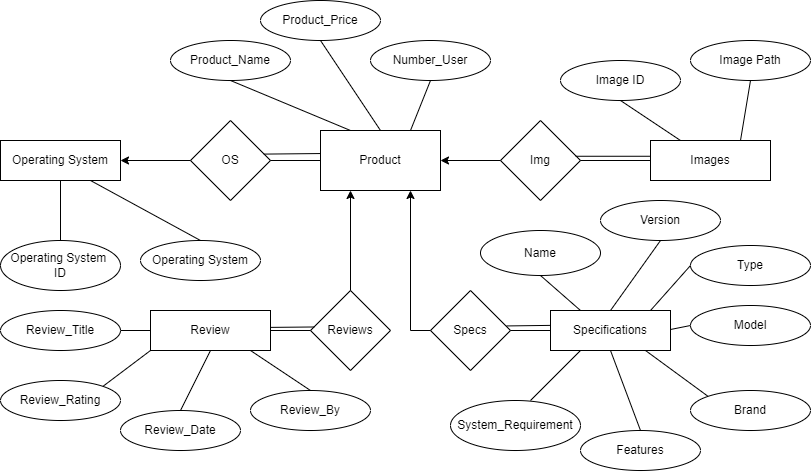
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Fig. 3.1 Entity Relationship Diagram

**3.2 Data Flow Diagram**

**DFD Context Level**

****

Fig. 3.2 0-Level Data Flow Diagram

**DFD First Level**

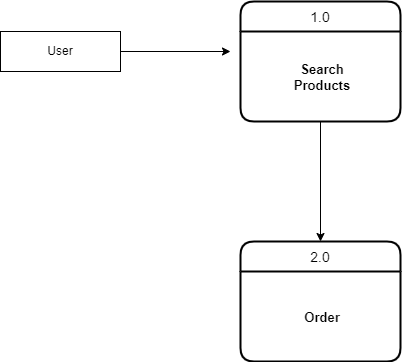


Fig. 3.3 1-Level Data Flow Diagram

**DFD Second Level**

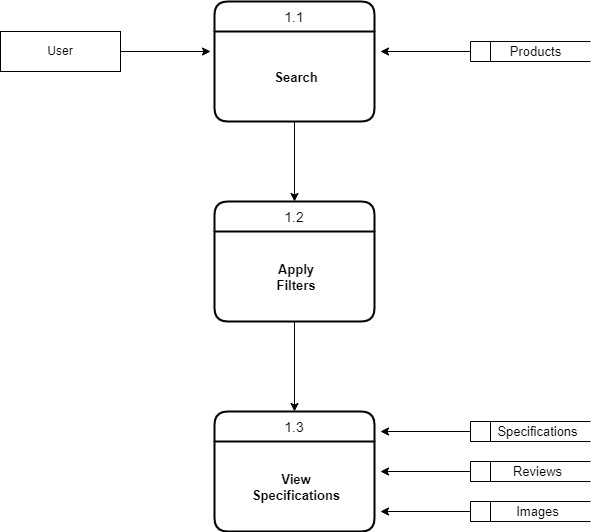


Fig. 3.4 2-Level Data Flow Diagram

**DFD Second Level**

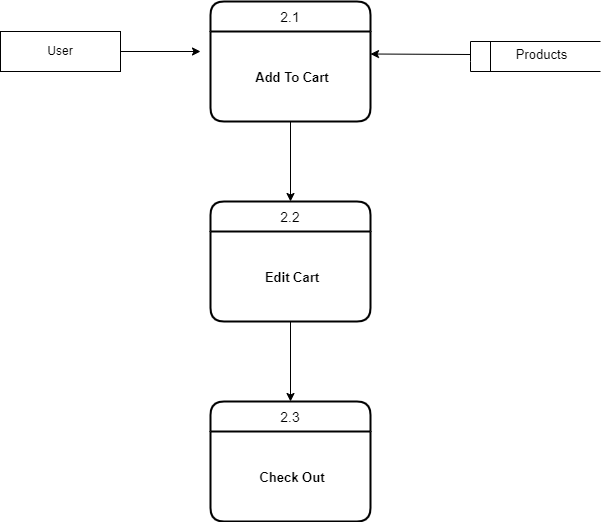
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Fig. 3.5 2-Level Data Flow Diagram

**3.3 Use Case Diagram**

Use Case Diagram

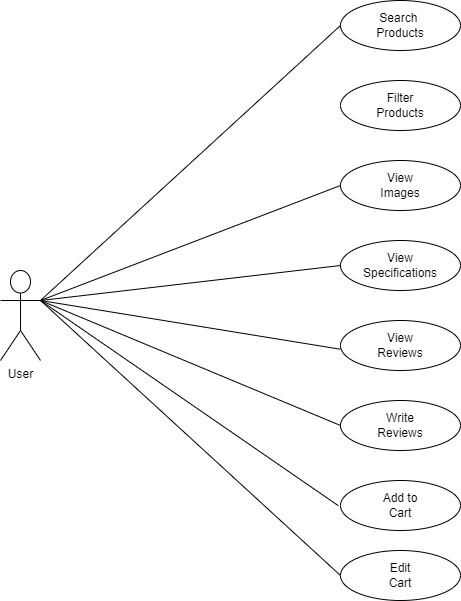
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Fig. 3.6 Use Case Diagram