**Data Structure Project**

**Inter-Planetary File System (IPFS)**

**Group Members:**

1. Hussnain Ul Abidin 22i-1102

2. Hamdan Sajid 22i-0872

3. Muhammad Sohaib 22i-0879

Classes:

1. Ring Distributed Hash Table
2. Machine
3. B-Tree
4. B-Tree Node
5. File Data
6. Path List
7. Path Node
8. Routing Table

Classes Relations:

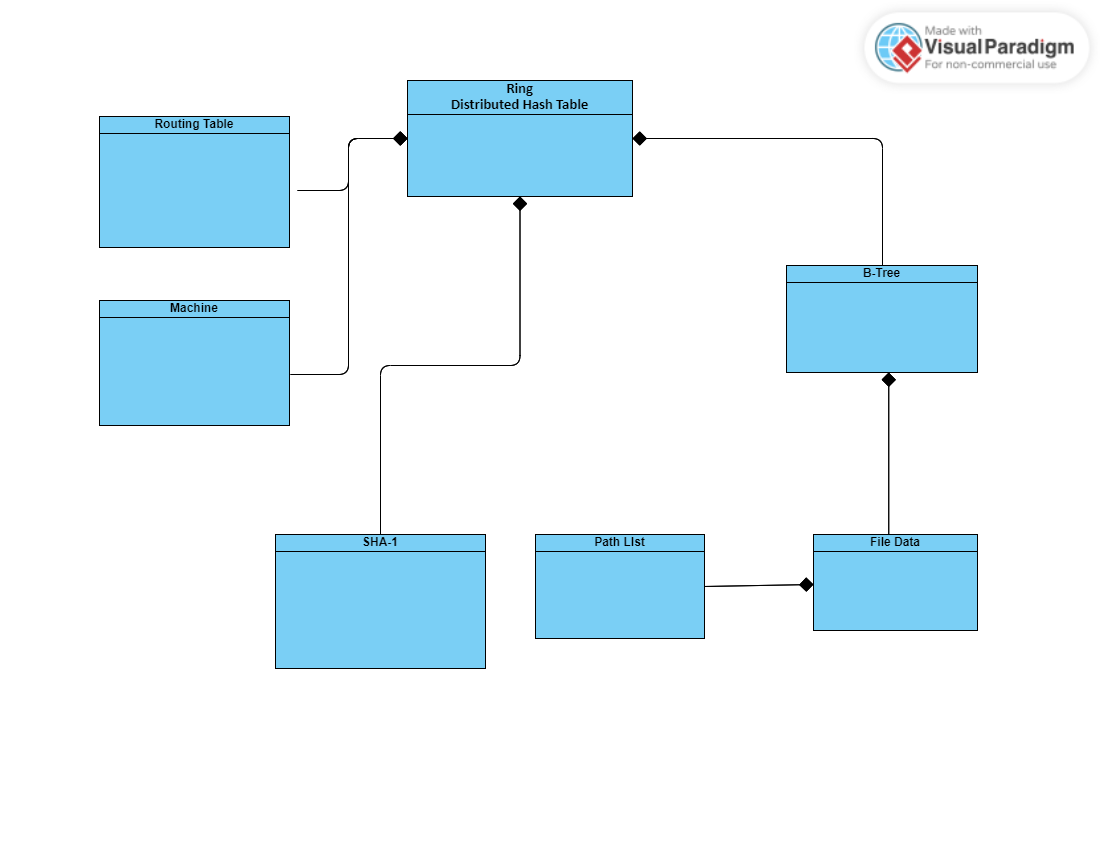
**Ring Distributed Hash Table** has a **Machine**

**Ring Distributed Hash Table** has a **B-Tree**

**Ring Distributed Hash Table** has a **Routing Table**

**Ring Distributed Hash Table** has **SHA-1**

**File Data** has a **Path List**

****