

```

graph TD
    subgraph Member
        direction TB
        Del[del = Member.delete(MID)]
    end

    subgraph System
        direction TB
        Valid{valid}
        Del2{del}
        Unsuccessful{ }
        Successful[return("successful")]
        Unsuccessful2[return("unsuccessful")]
        Merge{ }
    end

    subgraph Librarian
        direction TB
        Start(( ))
        Process[MID= enterMID()  
LID= enterLID()  
L = Librarian.find(LID)  
M = member.find(MID)  
valid = (L != null & M != null)]
        End((( )))
    end

    Start --> Process
    Process --> Valid
    Valid -- true --> Del
    Valid -- false --> Unsuccessful2
    Del --> Del2
    Del2 -- true --> Successful
    Del2 -- false --> Unsuccessful2
    Successful --> Merge
    Unsuccessful2 --> Merge
    Merge --> End

```

