# University Clubs — UML Class Diagram

**Leader**
- +Name: String
- +Email: String
- +StudentID: Integer
- +Studies: String
- +Status: String
- +ClubName: String
- +ClubID: Integer

**VicePresident**
- +Name: String
- +Email: String
- +StudentID: Integer
- +Studies: String
- +Status: String
- +ClubName: String
- +ClubID: Integer

**Student**
- +Name: String
- +Email: String
- +StudentID: Integer
- +Studies: String
- +Status: String

**Member**
- +Name: String
- +Email: String
- +StudentID: Integer
- +Studies: String
- +Status: String
- +ClubName: String

**Club**
- +ClubName: String
- +ClubID: Integer
- +Description: String
- +SlotsAvailable: Integer

**Event**
- +Name: String
- +Description: String
- +Date: Date
- +Location: String
- +ClubName: String
- +ClubID: Integer

Relationships:
- Leader 1 — manages — 0..* VicePresident
- Leader 1 — creates — 1 Club
- Leader 1 — approves — 0..* Event
- VicePresident 1 — manages — 0..* Member
- VicePresident 0..* — organizes — 0..* Event
- Student 0..* — enrolls — 1 Club
- Member 0..* — reviews/comments — 0..* Club
- Member 0..* — participates in — 0..* Event