Alumni Website Database

<u>Table: Account</u>

    Columns:

        <u>Email_id</u>

        User_id[Foreign Key; references **User_id** of **User**]

        Password

        Account_Type_id[Foreign Key; references **Account_Type_id** of **Account_Type**]

Highest normalization level: <1NF/2NF/3NF/**4NF**>

<u>Table: Account_Type</u>

    Columns:

        <u>Account_Type_id</u>

        Account_Type

Highest normalization level: <1NF/2NF/3NF/**4NF**>

<u>Table: User</u>

    Columns:

        <u>User_id</u>

        First_name

        Last_name

        Address_line_1

        Address_line_2

        City

        State

        Zip_Code

        Contact_Number

Highest normalization level: <1NF/2NF/**3NF**/4NF>

<u>Table: Alumni</u>

    Columns:

        <u>Alumni_id</u> [Foreign Key; references User_id of Account]

        Current_work_place

        Prior_work_place

        Industry

        Experience

        Graduation_year

Highest normalization level: <1NF/2NF/3NF/**4NF**>

Table: Student
    Columns:

        Student_id [Foreign Key; references User_id of Account]
        Department
        Year
        Credits_till_date
        GPA
        Stream
        Degree
    Highest normalization level: <1NF/2NF/3NF/**4NF**>

Table: Administrator
    Columns:

        Admin_id [Foreign Key; references User_id of Account]
    Highest normalization level: <1NF/2NF/3NF/**4NF**>

Table: Clubs
    Columns:

        Club_id
        Club_name
        Club_Leader [Foreign Key; references **Alumni_id** of **Alumni**]
        Club_Description
        Created_by [Foreign Key; references **Admin_id** of **Administrator**]
    Highest normalization level: <1NF/2NF/3NF/**4NF**>

Table: Job postings
    Columns:

        Job_id
        Job_name
        Description
        Company
        Contact_number
        Website
        JP_Due_date
        JP_last_modified
        Publisher[Foreign Key; references **Alumni_id** of **Alumni**]
Highest normalization level: <1NF/2NF/3NF/**4NF**>

Table: Event

    Columns:

        Event_id

        Event_name

        Event_Description

        Organizing_Club [Foreign Key; references **Club_id** of **Club**]

        Event_date

    Highest normalization level: <1NF/2NF/3NF/**4NF**>

Table: Club Members

    Columns:

        Club_id [Foreign Key; references **Club_id** of **Club**]

        Alumni_id [Foreign Key; references **Alumni_id** of **Alumni**]

    Primary Key: Combination of Club_id and Alumni_id

    Highest normalization level: <1NF/2NF/3NF/**4NF**>

Table: Follow

    Columns:

        Follower_id[Foreign Key; references **User_id** of **User**]

        Following_id [Foreign Key; references **User_id** of **User**]

    Primary Key: Combination of Follower_id and Following_id

    Highest normalization level: <1NF/2NF/3NF/**4NF**

Table: Participants

    Columns:

        Event_id[Foreign Key; references **Event_id** of **Event**]

        User_id[Foreign Key; references **User_id** of **User**]

    Primary Key: Combination of Event_id and User_id

    Highest normalization level: <1NF/2NF/3NF/**4NF**>