**SCHEMA DESIGN FOR UNIVERSITY ELECTION SYSTEM**

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|  |  |  |
| --- | --- | --- |
| **Column Name** | **Data type** | **PK** |
| post | VARCHAR(45) | Y |

**\* Post table**

**\* Student table (**all choices must exist in **Person table)**

|  |  |  |
| --- | --- | --- |
| **Column Name** | **Data type** | **PK** |
| name | VARCHAR(45) | Y |
| choiceForPresident | VARCHAR(45) | - |
| choiceForVicePresident | VARCHAR(45) | - |
| choiceForSecretary | VARCHAR(45) | - |

**\* Person table (** post must exist in **Post Table )**

|  |  |  |
| --- | --- | --- |
| **Column Name** | **Data type** | **PK** |
| name | VARCHAR(45) | Y |
| post | VARCHAR(45) | - |

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**\* Person table (** post must exist in **Post Table )**

**\* Student table (** all choices must exist in **Person table )**

**\* Student table is dependent on Person table and Person table is dependent on Post table**

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