Self-Notes:

column can be one of {date, time\_start, time\_end, title, location, description, speaker}

**Requirements**

* Your program should look for sessions and sub-sessions
* If one of the matched sessions has any sub-session, you should return all the sub-sessions belonging to that session as well
* We do not expect any specific output. We just want all the information about the right sessions.
* We are looking for an exact match for **date, time\_start, time\_end, title, location, description, and speaker**
* For speaker, we will only pass one name at a time.

My design plans:

Date – Return all matches at session table, if match has SubSession (SS) ID, return matching ID from SS table

TimeStart – Return all matches at session table, if match has SS ID return matching ID from SS table. Then return all matches from SS; this will cause duplicate returns

TimeEnd – same as TimeStart

Title – same as TimeStart

Location – same as TimeStart

Description – same as TmeStart

Speaker – same as TimeStart, but instead of exact match look for “substring” in “string”

|  |  |
| --- | --- |
| Session Id | date, time\_start, time\_end, title, location, description, speaker |
| 1 |  |
| 1 |  |
| 2 |  |

Sessions Only SubSessions Only

|  |  |
| --- | --- |
| date, time\_start, time\_end, title, location, description, speaker | SS Id |
|  | 1 |
|  |  |
|  |  |
|  |  |

1 table

|  |  |  |
| --- | --- | --- |
| date, time\_start, time\_end, title, location, description, speaker | SS ID | Parent Session ID |
| Session | 1 |  |
| Sub-session |  | 1 |

Select Distinct SS\_ID:

* + SELECT all matching StartDate and if it has PS\_ID select all matching ss ID

Distinct