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|----------------|-------------|-------------|-----------------------|-----------|------------------|
| P | Primary Key | | | | |
| F | Foreign Key | | | | |
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| | | | | | |
| TABLE | P/F | Field Name | Context | Data Type | Data Size/Length |
| Student | P | username | Student Id | TEXT | 8 characters |
| | | email | email | TEXT | 32 characters |
| | | password | password | TEXT | 32 characters |
| | | first_name | First Name | TEXT | 32 characters |
| | | last_name | Last Name | TEXT | 32 characters |
| | | | | | |
| Club | P | club_id | Club Id | INTEGER | 8 bytes |
| | F | admin | admin(Student) Id | TEXT | 8 characters |
| | | name | Club Name | TEXT | 128 characters |
| | | description | description | TEXT | 2048 characters |
| | | image_url | URL of Image | TEXT | |
| | | | | | |
| members | F | username | Student Id | TEXT | 8 characters |
| | F | club_id | Club Id | INTEGER | 8 bytes |
| | | | | | |
| followers | F | username | Student Id | TEXT | 8 characters |
| | F | club_id | Club Id | INTEGER | 8 bytes |
| | | | | | |
| member_request | F | username | Student Id | TEXT | 8 characters |
| | F | club_id | Club Id | INTEGER | 8 bytes |
| | | date_time | date, time of request | date/time | |
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| TABLE | P/F | Field Name | Context | Data Type | Data Size/Length |
| Event | P | event_id | ID | INTEGER | 8 bytes |
| | F | organizer | Club ID | INTEGER | 8 bytes |
| | | title | title | TEXT | 128 characters |
| | | description | description | TEXT | 2048 characters |
| | | details | details | TEXT | 2048 characters |
| | | date_time | date/time of event | date/time | |
| | | open_to_all | scope of event | boolean | 1 bit |
| | | image_url | image of event | TEXT | |
| | | | | | |
| interested | F | username | Student Id | TEXT | 8 characters |
| | F | event_id | Event Id | INTEGER | 8 bytes |
| | | | | | |
| participants | F | username | Student Id | TEXT | 8 characters |
| | F | event_id | Event Id | INTEGER | 8 bytes |
| | | | | | |
| participation_request | F | username | Student Id | TEXT | 8 characters |
| | F | event_id | Event Id | INTEGER | 8 bytes |
| | | date_time | date | date/time | |
| | | | | | |
| Comment | P | comment_id | ID | INTEGER | 8 bytes |
| | | comment_text | content in comment | TEXT | 2048 characters |
| | | date_time | date/time created | date/time | |
| | F | username | Student Id | TEXT | 8 characters |
| | F | event_id | Event Id | INTEGER | 8 bytes |