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Assignment 4/5

Section I: Data Documentation

Your description will be a commented JSON schema describing the format and expected value of each field, which fields are required, and a note on which fields you will use for keys for each schema.

Description of JSON Schema:

User

- Name of user
- User ID
- Email of user
- Password
- Teams user is a part of
 - Each team ID
- Busy Times
 - Time intervals of classes

Team

- Team name
- Team ID
- Emails of users in team
- IDs of users in team

Voting

- Available Times Object
 - Time ID
 - Time Frame Available
 - Total votes for that time frame
 - User IDs of those votes
- Best Time
 - Time ID with most amount of votes

JSON Schema:

```
[
{
  "Name": "Tom Corcoran",
  "User_ID": 1,
  "Email": "tcorc@bu.edu",
  "Password": "1234",
  "Teams": [
    "Team_ID_1",
    "Team_ID_2"
  ],
}
```

```
"Busy_Times": [
  "Tuesday 1-2",
  "Tuesday 3-4",
  "Wednesday 11-12"
],
},{
  "Team_Name": "Team 1",
  "Team_ID": 1,
  "Emails": [
    "tcorc@bu.edu",
    "tomcorc@bu.edu",
    "thomascorc@bu.edu"
  ],
  "User_IDs": [
    "User_ID_1",
    "User_ID_2"
  ],
  "Available_Times_Objjs": [
    {
      "Time_ID": 1,
      "Time": "Tuesday 1-2",
      "Total_Votes": 5,
      "Voters": [
        "User_ID_1",
        "User_ID_2",
        "User_ID_3",
        "User_ID_4",
        "User_ID_5"
      ]
    },
    {
      "Time_ID": 2,
      "Time": "Tuesday 3-4",
      "Total_Votes": 2,
      "Voters": [
        "User_ID_6",
        "User_ID_7"
      ]
    }
  ],
  "Best_Time": 1
}
]
```