

- root:
  - App\_settings:
    - min\_version:
      - ios: STRING (“2.0.0”)
      - android: STRING (“2.0.0”)
    - under\_maintenance: BOOLEAN
    - api\_keys:
      - APIKEY
        - calls: INT
        - owner: STRING
        - email: STRING
        - auth: INT
    - allowed\_domains:
      - school\_identifier (e.g. “duke”):
        - full\_name: STRING e.g. “Duke University”
        - domain: STRING (e.g “duke.edu”)
      - etc.
  - schools:
    - school\_identifier (ex: duke):
      - name: STRING (e.g. “Duke”)
      - full\_name: STRING (e.g. “Duke University”)
      - domain: STRING (e.g. “duke.edu”)
      - school\_identifier : STRING (e.g. “duke”)
      - activities:AUID (AUTO\_GENERATED\_KEY):
      - - activity\_id: AUTO\_GENERATED\_KEY
        - start\_time: TIME\_SINCE\_1970 (seconds)
        - end\_time: TIME\_SINCE\_1970 (seconds)
        - title: STRING
        - location:
          - name: STRING
          - address: STRING
          - lat: DOUBLE
          - long: DOUBLE
        - public: BOOLEAN
        - interests:
          - 0: STRING
          - 1: STRING (optional)
        - host: UID

- details: STRING
  - replies:
    - UID: STRING (e.g. “going”, “interested”)
  - host\_group: GUID
  - host\_group\_name: STRING
  - host\_group\_short\_name: STRING
  - invited\_users:
    - UID: TIME\_SINCE\_1970 (seconds)
    - etc.
  - invited\_groups:
    - UID: TIME\_SINCE\_1970 (seconds)
    - Etc.
    - can\_others\_invite: BOOLEAN
  - etc.
- reported\_activities:
  - AUID:
    - count: INT
    - reporters:
      - UID: TIME\_SINCE\_1970 (seconds)
      - etc.
  - etc.
- groups:
  - GUID:
    - group\_id: STRING
    - name: STRING
    - short\_name: STRING
    - color: HEX
    - details: STRING
    - activities:
      - AUID: TIME\_SINCE\_1970 (seconds)
      - etc.
    - members:
      - UID: TIME\_SINCE\_1970 (seconds)
      - etc.
  - etc.
- users:
  - UID:

- User\_id: AUTO\_GENERATED\_KEY
- first\_name: STRING
- last\_name: STRING
- email: STRING
- verified: BOOL
- hometown: STRING
- description: STRING
- academic\_level: STRING (“grad” || “undergrad”)
- major: STRING
- graduation\_year: INT
- profile\_image\_url: STRING
- time\_created: TIME\_SINCE\_1970 (seconds)
- last\_logon: TIME\_SINCE\_1970 (seconds)
- friends:
  - UID: TIME\_SINCE\_1970 (seconds)
  - etc.
- groups:
  - GUID: TIME\_SINCE\_1970 (seconds)
  - etc.
- interests:
  - 0: STRING
  - 1: STRING
  - etc.
- activities:
  - AUID: TIME\_SINCE\_1970 (seconds)
  - etc.
- calendar:
  - AUID: TIME\_SINCE\_1970 (seconds)
  - etc.
- received\_friend\_requests:
  - UID (incoming): time\_requested: TIME\_SINCE\_1970 (seconds)
  - Etc.
- sent\_friend\_requests:

- UID (incoming): time\_requested: TIME\_SINCE\_1970 (seconds)
    - etc.
  - notification\_tokens:
    - STRING: TIME\_SINCE\_1970 (seconds)
  - etc.
- reported\_users:
  - UID:
    - count: INT
    - reporters:
      - UID: TIME\_SINCE\_1970 (seconds)
      - etc.
  - etc.
- discussions:
  - AUID:
    - 0: ut
      - user: UID
      - comment: STRING
      - time: TIME\_SINCE\_1970 (seconds)
    - Etc.
- search\_users\_array:
  - UID: STRING (e.g. "John Smith")
  - etc.
- search\_groups\_array:
  - GUID: STRING (e.g. "RA Residence Assistant")
  - Etc.
- notifications:
  - uid:
    - notification\_id:
      - time\_created: TIME\_SINCE\_1970 (seconds)
      - text: STRING
      - type: STRING
      - sender: UID
      - activity\_id: AUID
      - read: BOOLEAN
      - profile\_image\_url: STRING

- notification\_id: String
- etc.
- templates:
  - apikey:
    - template: HTML
  - emailverification:
    - template: HTML