# Student Side (Distinct Tables)

## Student (Joy)

1. ID → auto increment ID
2. Student\_ID: → string (starts with U)
3. First Name: → String
4. Last Name: → String
5. Date of Birth: → Date-String
6. Email address: → String
7. Password: → md5
8. Validated → Int (0 = False, 1 = True, 2 = Inactive) (not validated, validated)
9. Nationality → Boolean (‘SA Citizen’ = True, ‘Non-SA Citizen’ = False)
10. Contact number: → String
11. City → String
12. Province → String (Dropdown)
13. Disability → Boolean (‘Yes’ = True, ‘No’ = False)
14. Current Academic Level → String (Dropdown -> High School, Undergrad, Postgrad)
15. Grade: → String (Dropdown)
16. Syllabus: → String (Dropdown) (CAPS, IEB, DBE, Cambridge)
17. Average → Float (calculated from function)
18. Currently\_studying → String (NULL if student is in high school)
19. Year\_of\_Study → String (Dropdown, NULL if student is in high school)
20. Study Institution → String (Dropdown) (NULL if student is in high school)
21. Continue Studies → Boolean (Do you want to do postgrad or not, NULL if student is in high school)
22. GPA → Real/Float
23. Description of Student → Long String (can go into student bio on student home page)
    1. Give a description of yourself...examples (skills, achievements, passions, service awards)
24. Registered\_date → auto date
25. Bursarred → Boolean (True or False) (Will you have bursary for the intended duration)
    1. if true CurrentBursary/ies →String
26. Workback? → Boolean (‘Yes’ or ‘No’)
27. Filters → String (Based off of common fields in student/bursaries table, filtered by ‘Age/GPA/Subject Requirements/Workback/etc..) (Use cookies)
28. Website → String
29. Last\_login → auto date
30. Number\_of\_Reports → integer
31. Banned → Boolean (Yes = True, No = False)

## Field/s of Interest: (Joy)

* SFieldID: int
* StudentID: string
* Field name: string

## Subjects: (Benis)

* SubjectID: int
* SubjectName: string

## Subjects+Marks: (Nong)

* SubMark: int (Primary Key)
* StudentID: string (Foreign Key)
* SubjectName: string
* Mark: int
* #Flag: Minimum of 7 subjects (NOT NULL)
* #Mark the table be able to take 15 subjects (DEFAULT NULL)

# Sponsor Side (Distinct Tables)

## Company (Tumelo)

* company\_id : int → Primary key (counter)
* company\_name : string \*
* company\_logo : blob
* company\_industry : string (dropdown: IT, …, others) \*
* company\_description : string
* company\_URL : string
* date\_created : date → automatic (backend)
* number\_of\_reports : int
  + >3 → cannot login anymore!

## Reported (Leave out just for now)

Work on it at the end (after the entire app is completed)!

* id : int → Primary key (counter)
* Reporting\_user\_id : string → can only be a student
  + - ID: STU (Student)
* Reported\_user\_id : string → can only be a sponsor wouldn't reporting a bursary be a valid option aswell idk just something i thought of… like if it was created badly or inappropriately maybe something worth considering for future iterations
  + - ID: SPO (Sponsor)
* reason : string
* Date\_reported : date

## Sponsor\_Users (Tumelo)

* id : int → Primary key (counter) : number
* sponsor\_id : string (starts with letter S)
* first\_name\_of\_user : string
* last\_name\_of\_user : string
* email\_address : string \*
* password : string (8+) \*
* company\_id (linked to company table) : integer→ backend (Foreign Key)
* isSuperAdmin : boolean
* manageBursaries : boolean
* manageApplications : boolean
* inactive : boolean
  + Inactive = false as default
  + Inactive = true if Super Admin removes the employees rights
* isVerified (email verification) : boolean
  + isVerified = false as default
  + isVerified = true when email verification has been completed
* registered\_date : date
* last\_login : date

## 

## Bursaries (Benis)

* id : int → Primary key (counter)
* bursary\_ID: string
* company\_ID: integers
* bursary\_Name: string \*\*
* bursary\_start\_date: date(Day created) -> in the database it is called **Date Created**
* bursary\_type: string \*\*
  + Bursary
  + Work Back bursary
  + Full Bursary
  + Partial Bursary
* work\_back\_duration: int \*\*(db name **WB\_Duration**)
* offer\_expiration\_date: date \*\*(db name used **closing date**)
* age\_min : int \*\* (db name **Minimum\_Age**)
* age\_max : int \*\*(db name **Maximum\_Age**)
* Academic Level: string (dropdown) \*\* (db name **Academic\_Level)**
  + Post grad
  + High school
  + Under grad
  + College
  + Any
* field\_of\_study : string (dropdown) \*\*(db name **Study\_field**)
* current\_year\_of\_study : string (dropdown) \*\*
  + Matric student
  + Year 1
  + Year 2
  + Year 3
  + Year 4
  + Any
* bursary\_duration: int \*\*
* latest\_average\_above : float \*\*(db name **Minimum\_Average)**
* RSA\_citizen\_needed: boolean \*\*(db name **RSA\_Citizen)**
  + True = want a RSA citizen
  + False = any citizen
* for\_financial\_assistance : boolean \*\*(db name **Financial\_Need)**
  + True = for students in need of financial assistance
  + False = all students
* study\_further (Does the student intend to do a Post Grad) : boolean \*\*
  + True = sponsor wants someone who will study further
  + False = any student
* disability : boolean
  + True = only for students with disability
  + False = for all students
* province\_in\_SA: string (dropdown) \*\*(??)(db name **Province**)
* bursary\_covers\_for : string (checkbox) \*\*(db name **Bursary\_Covers)**
  + Full payment of registration
  + Tuition
  + Accommodation fees
  + Meals
  + Books allowance
  + Laptop
  + Transport
* email\_address : string → more information email
* date\_for\_further\_communication : date \*\*(db name **Shortlist\_Date)**
* number\_of\_views: int ?? → confirm tomorrow (General meeting) → version 2
* isVisible : boolean
  + True = default deleted
  + False = if sponsor deactivate it

Check we have a counter for the accepted bursaries??

Filter by:

* Work back or not
* Type of degree
* Study Further

# Tables in both Student and Sponsor Sides

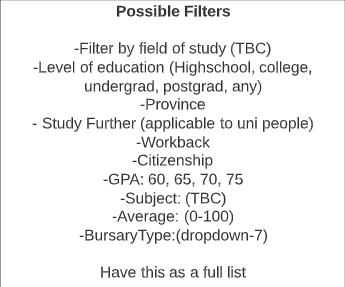
## All\_users (Nong)

* Id: int → Primary key (counter)
* user\_id : string
  + Student = “U”
  + Sponsor = “S”
* email \_address : string

## student\_bursary (Nong)

1. id : int → Primary key (counter)
2. Bursary\_ID: string
3. Student\_ID: string
4. application\_date: date
5. shortlisted : boolean (Accepted / Denied)
6. Status
   1. Accepted = true
   2. Denied = false
   3. Not looked at = NULL

## List of filters

* 
* Filter by Company Name