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## Structure of *aonebrain*

### Main Admin

### Super Admin

1. super admin with all functionality
2. Ability to create new admin users and assign roles.
3. Should be able to group subject-specific content creators into Maths, English, Science, ... groups.
4. Should be able to group Language editors
5. Should be able to assign a language editor to a specific subject-specific content creator
6. Should be able to categorize into primary, secondary, and tertiary
7. Should be able to create a different image of the website for different countries
8. Should be able to see when other admins are logged in and how long they are logged in and how long they are active.

Payment options - switch on premium service Should be able to manage premium users account

When premium users account is active, should be able to set a limit on the number of questions that are allowed for free users per day Even before premium

qualities are put on, people should be able to view a number of questions after which it will prompt them to log in to continue using the service.

Screen lock for printing and copying. Latex enabled for mathematics content typing.

Ability to perform the roles of 2 and 3.

Admin needs to indicate which region the content is meant for. They can indicate more than one region but need to add specific locations. For example, objective numbers need to be specified to link the files to the objectives. Need to record the number of times someone tried a question and number of successful attempts.

## **Curator**

1. Draggable
2. fill in the blanks
3. multiple choice options
4. A text area for contents like language
5. Change layout of a page
6. Tools to add color
7. being able to use latex to type-set equations
8. Preview options
9. Should be able to track changes made by the LANGUAGE editor
10. Add videos
11. Add audios
12. Add animations
13. Add powerpoint slides
14. Ability to embed interactive content
15. Should be able to embed python codes to generate dynamic questions

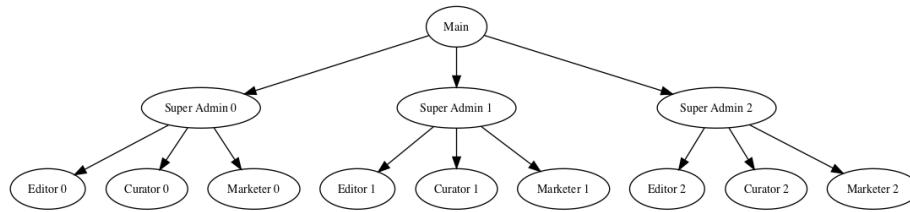
## **Editor**

1. places to edit the content created by the other
2. being able to approve content from the workflow of subject-specific content developer
3. Preview options

## **Marketer**

1. Manage groups, which includes student & parent.
2. Email & phone details
3. Ability to send them all emails, or send target audience
4. See validity of schools and private persons registered under them.

5. Ability to make remarks and send mails to private registered individuals and schools.
6. Ability to write mails to other admins.
7. Ability to give few days of validity to schools or persons during a wait period. ### Career viewpage for admin
  - should be able to see all the submitted CV's with detials in a simple table.
  - Click CV and see content within the same web browser.



## Registration Types

Functionality of the following persons as shown in the flowchart

### Schools

1. Submit request for registration to **aonebrain**
2. Register teachers
3. Ability to customize page - Edit tap - to add logo and name.
4. Ability to assign teachers to classes
5. Ability to view all Teacher's profile and links to students.
6. Approve Teachers list.

### Teachers

- (a) Enroll students in to their class but subject to approval by School management.
- (b) Edit and delete students but subject to school management.
- (c) View all students under their tree
- (d) Should be able to see the questions
- (e)

### Parents

(a) View wards dashboard only

### Student

(a) View dashboard

(b) Attempt questions

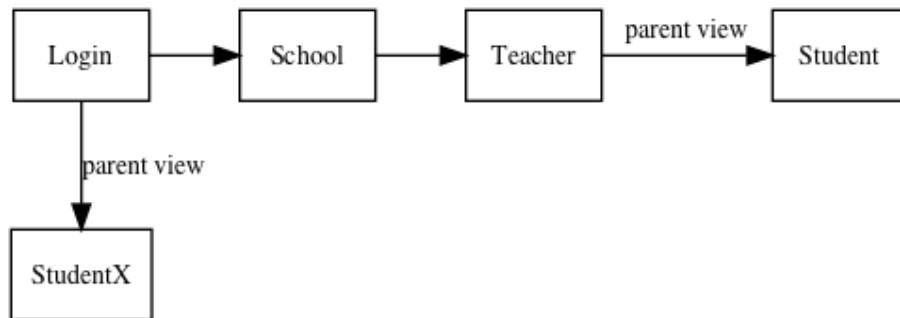
## StudentX

1. View dashboard

2. Attempt questions

### Parents

(a) View wards dashboard only



## Login and Registration procedure

The following names; school, teacher, student, and studentX would be referred to as nodes. The roles of the following nodes is discussed below.

### School

1. schools register either via the marketer or through the website independently
2. schools admin should be able to login; two factor login - password and email notification.
3. schools register teachers
4. generate login details for pupils - same for all courses registered by different teachers.
5. push login details to teachers.

6. password recovery via email and phone number.

### Teacher

- (a) Register students & parents.
- (b) View registered students.

### Student

- (c) login with details generated by school

## StudentX

1. Register via the website
2. Add parents or students email.

## Career

There should a career dashboard inclusive - sort possibility should be enabled.  
CV attachment should be viewable within the server.

1. Upload CV
2. Enter name
3. Enter email
4. Enter phone number
5. Enter WhatsApp number

## Front-end

One question or example per page --> Next and previous button necessary

- [www.ixl.com](http://www.ixl.com)
- <https://nz.mathletics.com>
- <https://readingeggs.co.uk>
- <https://www.khanacademy.org>

Skill mastery -- could offer dynamic questions that are endless Practice exercise  
Progress check exercises Games matched with all level players

## Website Colors

The colors listed below are subject to change (we still need to deliberate on these colors).

- Sky blue #4000ff
- Teal #008080

- Purple-like #b00fa5

## Template

On each of the following templates, Curators should be able to add the following as standard tools. Templates that are restricted to adding the following:

1. Dropdown
2. Drag and Drop
3. Fill the blank
4. It should be possible to use all the above elements in this template.

Standard textboxes, textareas, shapes, standard tools should be available for all templates.

Additionally, developers should be able to upload:

- powerpoints
- videos
- audios
- animations

## Dashboard

This area should be divided into five sections (2 columns and 3 rows). The middle row should be fused. All graphs should be fitted within these sections.

### StudentX and Parent Views

- table1: shows correct/total ratio, percentage of correctness (Accuracy)for each type of question -> subject-wise.
- graph1: Pie chart showing correct, wrong, and un-answered questions.
- table2: average time spent on last 10 sessions,total questions answered and total time spent on app, and average time normalized with the time spent on all questions.
- graph2: comparison bar graph showing time spent on last 10 questions.
- graph3: line graph showing progress of all exercises performed.

### Teacher's View

Besides the teacher's view, the teacher should be able to click on a particular student and see the student's view too.

- table1: View all students name or registration number with their average time spent on the app and average performance.

### **School's View**

School's should be able to view both teacher's and student's view.

- table1: view all teacher's registered classes.
  - ability to enter a teachers class and view all student's performance.
  - a plot showing the average performance of teachers.
- table2: view all the maps