

# elixirEdu: Curriculum Module

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## Overview:

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elixirEdu provides a complete all-in-one solution to manage all aspects of a student in an academic institution.

## Modules:

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### 1. Base Module:

- **User Profile Picture:** Create, Update and Delete (*deletion allowed?*)

### 2. Curriculum Management:

A Generic module which can accomodate any kind of curriculum. Be it of School, College or Graduate or PG.

- **Course Module:**

- **Common:** Update/Delete(Archival) require a password.

- **Course Creation, Updation and View**

- Course is the top level abstraction of any degree or scheme
- A role will be created by the name of the course.
  - This role can be assigned to whomsoever who needs high level info of this course.
- Ex: BA, CBSE
- UI: A Form wizard and Table (with filters and search), Popup for delete

- **Grade Creation, Updation, Deletion and View**

- Grade is the division of a course.
- A Grade can be deleted only if it does not have any terms
- A role will be created by the name of the course.
  - This role can be assigned to whomsoever who needs high level info of this grade.
- Ex: BA-1, BA-2, 1St Standard, Class1-12, etc.
- UI: A form wizard and Table (with filters and search), Popup for delete

## ■ Term Creation, Updation, Deletion and View

- Term is a duration based division of the Grade.
- A Term can be deleted only if it does not have any students
- Ex: Sem1, Sem2, Year1
- UI: A Form wizard and Table (with filters and search), Popup for delete
- Questions:
  - *Should the term start automatically based on start date? / should it be manually started?*

## ■ Subject Creation, Updation & Deletion

- Subject/lectures are independent assets which can be mapped to any term.
- A teacher will not be mapped to a subject at this stage.
- A role will be automatically created on creation of a subject.
  - *This role can later be assigned to a Teaching staff? / Teachers for this role must be chosen now ??*
  - Ex: Role:Sub\_Maths
- A subject can be mapped to many terms across courses.
- A Subject can be deleted only if it does not have any terms/teachers associated with it.
- Ex: Science, Mathematics, PE
- UI: A Form wizard and Table (with filters and search), Popup for delete

## ■ Assigning Subjects and Teachers to a Term (and removing)

- A subject will be assigned to a term
- A teacher needs to be selected for a this assigned subject.
- A Dropdown of teachers with this particular subject role can be provided or a different teacher can be selected (In which scenario the subject role will be automatically assigned to this teacher)
- Removing/Updating will invalidate the time table (future module) and new time table needs to be generated.
- UI: A Form wizard and Table (with filters and search), Popup for delete

## ■ Assigning/Updating/Removing students to first term.

- Students will be allowed to be assigned to any of the terms.
- *Can one student belong to multiple terms at the same time?*
- Later students can be promoted to the next term (Manually) or a new Student can be added/removed to the current term at anytime.
- UI: A Form wizard and Table (with filters and search), Popup for delete

## ○ Examination Module:

- Creating an examination for a particular subject in a particular term

- UI: A form wizard where admin will select one or more subjects add a category (existing or new).
- UI: listing will be a table with advanced filtering (based on Grade, Course, Term, Time, Category etc)
- *Question: Hall ticket generation required?*
- An Exam will belong to a category (for easier tracking later)
  - Ex: Class test, weekly test, mid-term, Finals etc.
- Examination details will be tracked individually.
  - Minimum marks, total marks,
  - *Question: An option to upload question paper pdf for future reference?*
- Examination results will be tracked individually.
  - A role will be assigned to the teacher and he/she can update the results
  - An option to generate a report card based on results?
- An examination can be deleted only if it does not have any results

## Permissions:

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Curriculum module will bring in 23 more permissions to the elixirEdu system:

Course	Grade	Term	Subject	Examination
Register	Register	Register	Register	Register
View All	View All	View All	View All	View All
Update	Update	Update	Update	Update
Archive/Delete	Archive/Delete	Archive/Delete	Archive/Delete	Archive/Delete
		Assign Subjects		Publish Results
		Assign Teachers		