**CURRICULUM DESIGN**

This application will help the institutions / universities to design their course curriculum with required subject wise Credits.

**SUPER ADMIN LOGIN**

1. **CRUD Operations** for the following (8 hrs)
2. **Program**: (Under Graduate / Post Graduate etc.)
3. **Course**: (Ex: B.Tech. / B.A./B.Com. Etc.)
   * 1. Course Short Code (Ex: B.Tech.)
     2. Course Name (Ex: Bachelor of Technology)
     3. Minimum Credits (Ex: 150)
     4. Maximum Credits (Ex: 180)
4. **Subject Category**: (Ex: Basic Science / Humanities etc.)
5. **Subject**: (Ex: Physics / Chemistry etc.)
6. **Semester**: (I, II, III, IV etc.)
7. Facility to **link / de-link** the following (4 hrs)
   1. **Subject** to **Subject Category**
   2. **Subject Category** to **Course**
   3. **Course** to **Program**
8. **Search** Facility for all the screens in the application (2 hrs)
9. Need **Data Export** to Excel facility for all tables in the application (2 hrs)
10. **Filter / Sort** Facility to all the tables in the application (2 hrs)
11. **Reports (3 hrs)**
    1. Registered Institutions List with a search (all columns) facility.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.No.** | **Date of Registration** | **Name of the Institution** | **Username (Email ID)** | **Address** | **Name of the Contact Person** | **Contact Person’s Mobile Number** | **Contact Person’s Email ID** | **Actions** |
|  |  |  |  |  |  |  |  | Change / Reset Password  Resend Verification E-mail  Activate/De-Activate Account  Edit Profile |

Show Number of Records

* 1. Institution wise courses and their curriculum designs (6 hrs)

Note: All the above fields will be used in institution login to design the curriculum and assign the credits to the selected subjects.

**INSTITUTION:**

1. **Institution Registration Form: (6 hrs)**
   1. Name of the Institution:
   2. Institution Email ID (Username): (Send account activation mail for verification)
   3. Create Password:
   4. Confirm Password:
   5. Address for Correspondence:
   6. Name of the Contact Person:
   7. Contact Person’s Mobile No.: (Send OTP for verification here only, resend facility after 5mins)
   8. Contact Person’s Email ID:
   9. Terms & Conditions check box
   10. Submit Button

**INSTITUTION LOGIN:**

**Screen 1: (3 hrs)**

1. Upon selection of a Program>Course: it should show the Subject Categories with a selection (or add button - Ex: left to right) box and text box to enter the weightage (%), Total % to be displayed by calculating the entered weightages, after submission with a Save button, it should go to another page (Screen 2).

**Screen 2:**

1. Display the Program, Course, Minimum Credits, Maximum Credits and Credits Assigned (this will be displayed by calculating the credits as mentioned below). (1 hrs)
2. Display the Subject categories, if we click on a category, the list of subjects should be displayed with the following columns with a check box to select and text boxes to enter the details, these columns should be enabled for the selected subjects only. (6 hrs)
   1. Lecture Hours per Week
   2. Tutorial Hours per Week
   3. Practical / Lab Hours per Week
   4. Credits (=a+b+(c X .5))
   5. Select Semester (Drop down)

Example:

**Subject Category: Basic Sciences**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Subject** | **Lecture Hours per Week** | **Tutorial Hours per Week** | **Practicals/ Lab Hours per Week** | **Credits** | **Select Semister** |
| Physics | 1 | 1 | 3 | 3.5 | I |
| Chemistry | 1 | 1 | 2 | 3 | II |

1. There must be two Special Columns called Electives, Open Electives (Ex: Elective-I, Elective-II, Open Elective-I, Open Elective-II etc.) (2 hrs)
2. These elective / open elective subjects are common for all subject categories and showing in all the subject categories but unique, for example if Elective-I is selected in Subject Category 1, then it should not be shown in another subject categories drop down. (2 hrs)
3. It must be implemented similarly for all the subject categories.
4. Total Credits must be calculated immediately as and when we enter the values in the text boxes and displayed on top as mentioned in point no.I. (2 hrs)
5. There must be a Save button to save this and a Reset Button to clear all with an alert message in popup. (1 hr)
6. A facility must be there to export to as excel and pdf. (2 hrs)
7. Print facility to the final saved curriculum design. (2 hrs)
8. Reports: Created courses and their curriculum designs (6 hrs)
9. Update profile for institutions and super admin (2 hrs)
10. Change password for institutions and super (2 hrs)
11. Forgot password for Institutions (2 hrs)
12. About, Contact Us, Terms & Conditions, Disclaimer Pages. (4 hrs)
13. **I will add the points later if I miss any thing.**
14. **Add course/branch name while creating curriculum design (1 hr)**
15. **Add ideal credits column in subjects (1 hr)**