

Project Name & Objective

Design and Develop web application for Student Counselling, Universities registration with course and offer details with a very user friendly, modern and cutting edge design.

The proposed website main objectives are:

1. Easy and simple navigation for users to find the required information in just 2 or 3 clicks
2. Mega menu to make menus (top and sub-menu) look professional and user friendly
3. Smart search and Ajax based result for student registration process and auto save form option.
4. Easy registration process for schools/Universities and Pathways
5. Reports with Pie/line chart with different option and combination of options

6. Mobile responsive to make website readable and good with all smart phone, tablets and iPad
7. Cross browser compatible like with IE 9, IE 10, IE 11, Firefox, Chrome, Safari, Opera mini
8. Easy website management
9. Newsletter Registration
10. SEO friendly website
11. Useful and impressive graphics designing

I have tried to put all features you are looking with your up-coming website. If I missed any specific point or feature, please do let me know.

Website Features

Web Application will be divided into three main modules:

1. **Web Admin**
2. **Schools**
3. **Universities/Pathways**

The web application will contain all features maintain with the PDF document client has provided with name Site Map.

Web Admin will manage the complete website with all features and it have a separate panel to access website admin like: <http://websitename.com/admin>

Website Back-end Panel (Admin) Features:

1. **Login** with website admin panel with option of “Forget Password”
2. **Forgot password**
3. **Stream management** – Add/Edit/Delete stream (like Engineering, Arts, Fine Arts, Finance, Business, Music etc.)
4. **Course management** – Add/Edit/Delete Courses for each Stream
5. **Requirement criteria management** – Add/edit/delete requirement criteria for university and pathways
6. **Add Education stream** (This will appear at time of adding school to select, current education stream)
7. **Fees slab** – Admin can add different fee slab that university will select at time of adding course and the same will be selected by counselor at time of student registration.
8. **Events** – Add/View/Edit/Delete (if required)
9. **School Management** – Add/View/Edit/Delete
10. **University/Pathways management** – Add/View/Edit/Delete
11. **View Students added under each school**
12. **Search student by name or School**

13. View reports of School and University registered with system with date, date range and country option
14. View message submitted by School and respond them
15. View message submitted by universities and respond them
16. CMS for following pages
 - a. About us
 - b. Introduction
 - c. Benefits
 - d. How it works
 - e. Terms and condition
 - f. Policy
 - g. Social media links management
 - h. Home page banner management (Add/Edit/Delete)
 - i. Email id management for contact form (add/edit/delete)
17. View School/University profile deactivation request
18. Activate/Deactivate School/Universities
19. FAQ (if you want this features on website)
20. Newsletter subscription – View all subscriber and manage them
21. Google Analytics implementation
22. Reports
 - a. View students applied (number) for a month or specific date or date range with many filters. The filter can be a combined or can use standalone like:
 - i. Specific university
 - ii. Specific course
 - iii. Specific country
 - iv. Specific school
 - v. Specific nationality
 - b. Healthy Spy
 - i. View list of universities getting application in specific time
 - ii. View number of application sent by a school to specific university
 - iii. View number of application sent by a school for specific course
 - iv. View number of application sent by a school for specific country
23. Print report (PDF or CSV)
24. Generate chart and print

Front End (Design and Presentation):

1. Interactive and User friendly design
2. Eye cool color combination for website designing. Maximum use of three colors
3. JQuery based forms and page management
4. JQuery form validations for quick response and data validation before submitting to server
5. Page scroll Horizontal to give it different presentation
6. All forms pop-up will be full page pop-up
7. Use of Ajax with some search, filter options
8. SEO ready structure

9. Social media links
10. Google friendly footer with links to make easy promotion
11. Mobile responsive design
12. Cross browser friendly (IE 10, IE 11, Chrome, Mozilla, Safari latest versions)
13. Interactive graphics for banner (approx. 15 banners will be supplied to client)

Front End (School):

Schools can access the system from Front End with a very attractive and user friendly system.

1. **Registration/Sign up**
 - a. School name
 - b. Email id
 - c. Country (select from list)
 - d. State (Select from list)
 - e. City (Select from list)
 - f. Phone
 - g. Username
 - h. Password
 - i. Re-enter password
 - j. Captcha test
2. Account verification with email validation before login
3. Login
 - a. Username
 - b. Password
 - c. Forgot password
4. Forgot password
 - a. Submit email id to get password
5. School Profile
 - a. Add/Edit logo
 - b. Add contact details
 - i. Contact person name
 - ii. Contact person email
 - iii. Phone
 - iv. Fax
 - c. About school
 - d. Change address
 - e. Change password
6. School Dashboard
 - a. Students with list of few students and option to view all and option to Add New student
 - b. Registered universities (A list with scroll feature)
 - c. Upcoming Visits/Event (List of all visits for the country school is registered)
 - d. Scholarship (list of scholarships offered by universities for the country school is registered with scroll feature)
 - e. Report (it will take school to report section to get the list of students with different filter options)
7. View Students – view list of students with all details

8. Search student by name or phone number
9. Edit Student detail
10. Add new student – **Student account** will have generated as soon personal details get submitted with system.
 - a. **Personal details**
 - i. First name
 - ii. Last name
 - iii. Date of birth
 - iv. Email
 - v. Phone
 - vi. Parents
 1. Father's name
 2. Farther email
 3. Father phone
 4. Mother's name
 5. Mother email
 6. Mother phone
 - vii. Parents Email
 - viii. Parents phone
 - ix. Address line 1
 - x. Address line 2
 - xi. Country (Select from list)
 - xii. State (Select from list)
 - xiii. City (Select from list)
 - b. Academic details
 - i. Graduate/Under Graduate (radio button)
 - ii. Stream (select from list)
 - iii. Current or expected GPA
 - iv. IELTS level/CBSE/SABIS or others. The list will come from system and will be filled by counselor
 - c. Course of Interest
 - i. Select the list of course added with system (a list of universities will be shown at right side offering these courses. This will be Ajax based search)
 - d. Country of Interest
 - i. Select list of countries (multiple select) student is interested. The university list will get filter with the selection of country
 - e. Fees Average
 - i. Select fee slabs (available within system)
 - ii. Currency converter (**we will use Yahoo money or Xe.com API. If this is going to be paid client need to pay for this**). On basis of fee slab the university list get shorted again
 - f. Level of Course
 - i. Radio button selection with three options. On basis of this selection the universities list get filter again.
 1. Foundation year – Only Pathways will show in list
 2. Bachelor – Only University will show in list
 3. Not sure – No changes with filtered list

- g. University listing view as per filter
 - i. It will show in specific box for each university with the course that student has selected
 - ii. For Foundation, the list will be show in different view as a list with name of universities and selected courses available with them
 - h. Save the details
 - i. The system will auto save the form in every 2 minutes to make sure no loss of data due to any reason
 - j. If no university will come into list as per set filters, a option will appear to submit details and get help from alpha
 - i. Ask Alpha for Recommendation”
 - ii. With this selection, an email will go to Admin or emails set for this notification
 - k. Interested to check exclusive offers from other countries, if ticked yes, a pop-up will come with list of all university offering selected course with any offer.
 - l. Upload documents (support file format, PDF, Doc, Docx, Excel, JPEG, PNG)
 - m. Select option for “Gifted students”, if yes
 - i. A new text box will appear to write some details
 - n. Submit form free (Yes/No)
 - o. Add counselor comments
 - p. Save and create student profile
11. View Student profile – View one student all details with all details
 - a. The profile can be viewed for each section with toggle feature
 - b. A summary of university replies an comments will generated as form of table that will show all applied course, university and comments from universities.
 12. Send message to Admin
 13. Send message to Universities (by selecting university name from the list)
 14. Help (send specific help request to admin)
 15. Logout
 16. Deactivate request (if a school want to deactivate, they need to submit it with reason)
 17. Delete account

Front End (Universities/Pathways):

1. **Registration/Sign up**
 - a. **Select type (University or Pathway)**
 - b. University name
 - c. Email id
 - d. Country (select from list)
 - e. State (Select from list)
 - f. City (Select from list)
 - g. Phone
 - h. Username
 - i. Password
 - j. Re-enter password
 - k. Captcha test
 - l. Online payment with help of gateway provided by client**
2. Account verification with email validation before login

3. Login
 - a. Username
 - b. Password
 - c. Forgot password
4. Forgot password
 - a. Submit email id to get password
5. University/Pathways Profile
 - a. Add/Edit logo
 - b. Add contact details
 - i. Contact person name
 - ii. Contact person email
 - iii. Phone
 - iv. Fax
 - c. About school
 - d. Change address
 - e. Change password
6. University/Pathways Dashboard
 - a. Add/Edit courses
 - b. Add required qualification for the matrix. The matrix option will come from system and manageable from admin
 - c. Add visit/Event
 - d. Add scholarship offers
 - e. View applicant (view list of student's applications from different school)
 - f. Q & A section
7. Add/Edit courses – Multiple selection to select course. The list will come from sytem
8. Add/Edit Required qualification – Fill the matrix as per type of university/pathway. The requirement option will be managed from admin
9. Add/Edit visits
 - a. Select country
 - b. Select from date
 - c. Select to date
 - d. Select opening time
 - e. Select closing time
 - f. Add address
 - g. Add contact person name
 - h. Add phone
 - i. Add email
10. Add Scholarship offers
 - a. Add offers for students. The offer can be added for all courses or can be for specific courses
 - i. Select course/s
 - ii. Add offer details
 - iii. Offer start date
 - iv. Offer end date
 - v. Offer for countries (select countries from the list)
 - b. At a time only two offer will be active
 - c. University/Pathways can add many offers and can set offer as Active (maximum 2)

11. View Applicant

- a. View the list of students applied for course
- b. View student detail profile
- c. Download documents
- d. Send message to school
- e. Application reply (approved/Decline/Under observation)
 - i. Add/Edit comment that a school can view
- f. Filter applicant students profile with following option. Filter can be a combination of value or Single value:
 - i. Country (Single select)
 - ii. Courses (Single select)
 - iii. Nationality (Single select option)
 - iv. School (Single select)
 - v. School system (single select)
 - vi. Fees slab
 - vii. Required element values
- g. Send message to school
- h. Help (Send message to admin)
- i. Take part in Q & A Section (forum)
 - i. Start a new discussion
 - ii. Reply for a discussion

Project Development Technology

We will develop the website in **CI (CodeIgniter) framework**. This is one of the best framework available in PHP.

Development environment: CodeIgniter, JQuery, Ajax
Designing – Photoshop
HTML – HTML 5, CSS 3, Bootstrap

Project Development Process

1. Requirement finalization with client
2. Sign final requirement document
3. Create database and finalize tables with fields
4. Get client confirmation for each table and fields
5. Start designing of front end
6. Get feedback on design and finalize pages
7. Start Backed (admin) panel development
8. HTML conversion of final design and testing for responsive and cross browser with client
9. Front end development
10. Testing of modules
11. Beta testing release
12. Final release of application