**ABSTRACT**

The aim of University HUB is to computerize Online admission process for higher education courses. Its basic objectives are to extend their reach to geographically scattered students, reducing time in activities, centralized data handling and paperless admission with reduced manpower. Its other factors are cost cutting, operational efficiency, consist view of data and integration with other institutions. Main challenges are effectively sync internal and external operations in such a manner that job can be finished within time limit and integration with different agencies on an agreed upon common data format.

**Existing System:**

* There are no registrations and no profile management.
* Mismanagement of files due to records and excel sheets.
* Searching of colleges is very difficult.
* Authentication is very less due to less security to the data.

**Proposed System:**

* Easy of access due to registration because only registered members can only have accessibility.
* Authentication is provided.
* Centralized database is provided.
* No security problem.
* Easy to search.

**Modules Description:**

**No of Modules:**

The system after careful analysis has been identified to be presented with the following modules:

The Modules involved are

1. Admin/Data Manager
2. Student
3. Counselors
4. Security and authentication
5. Results , news ,magazine, mails
6. Reports

**Admin/Data Manager:-**

1. It provides the information’s about the various college’s and courses .
2. It add the councilor information related to the college
3. It views the information or feedback from the general users about the quality of counseling and also providing some information to the user.
4. It views the discussion forums and gives the detailed suggestions about the forums.
5. It adds the subject details to the each course.
6. It provides online help to all students.
7. It provide syllabus to each course.

**Counselor:-**

1. It view the particular college details
2. It view the discussion forums
3. It adds tips to the discussion forums.
4. It views subject details
5. It provides offline/online solutions to the students
6. Certificates Verification
7. Allot student college

**Student:-**

1. It views all the details of university
2. It views all the course details
3. It views the subject details
4. It views the college details
5. It start discussion forums
6. It views the counselor tips for the discussion topics
7. It gives some response to the administrator or counselor
8. It asks offline/online requests to counselor
9. Fill admission form
10. Download allotment letter

**Security and authentication:-**

1. Change the password
2. Forgot the password
3. Login

4. Counselor registration

5. Student registration

6. Accept student registration

7. Logout.

**Results:**

1. View Results.

2. Download Results File

3. Add news

4. View News

5. View Magazine

6. Compose mails

7. Inbox mails

8. Outbox mails

9. Delete mails

11. Read mails

12. Chatting.

**Reports:-**

Download admission form printable format.

**View Course Information’s:**

The student must able log as student and see all details about course without any constraints.

**Apply for Course:**

The student can able download the application form or register for the course online.

**Advanced Enquiry support:**

Enable the students to ask and clear doubts.

**Online Counseling:**

The administrator can able to send the call letters for the short listed candidates, if the student notable contact directly respective authorized persons, than the system must facilitate the online Counseling.

**Report Generation:**

The system supports generation of reports based on different criteria

Record maintenance:

The system also must keep track the statistical reports of daily activities of the Student Registration Process.

**SOFTWARE REQUIREMENTS**

Operating System : Windows XP/2003 or Linux

User Interface : HTML, CSS

Client-side Scripting : JavaScript

Programming Language : Java

Web Applications : JDBC, Servlets, JSP

IDE/Workbench : My Eclipse 8.6

Database : Oracle 10g

Server Deployment : Tomcat 6.x

**HARDWARE REQUIREMENTS**

Processor : Core 2 Duo

Hard Disk : 40GB

RAM : 1GB or more