National Board of Accreditation (NBA) Web Application

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Abstract – The *Site makes it a simple to exhibit user, with easy access to all your content like Portion outcomes, Course Outcome, Program- Specific outcome, Internal Attainment, External Attainment Every curriculum. It makes organizational work easy, fast and helps to maintain or prepare audit related work for National board of Accreditation. Maintaining and retrieving of information becomes much easier and effective. The Web Application is built keeping the organizational level, So Security Level Is Also maintained to the professional level. This save lot of manual entry for facilities.*

***Key Words*:** Multipurpose application, Record Maintaining Web Application.

1. INTRODUCTION

The National Board of Accreditation (NBA) is one of the two major bodies responsible for accreditation of higher institutions in India, along with the National Assessment and Accreditation Council (NAAC).

A accredits technical programmers, such engineering and management programmer, While NAAC accredits general colleges and universities. A is a full member of the Washington Accord.

1.1 Goals and Objectives of the Web Application

1. Generates various reports such as Course Outcome, Program Outcome, Program-Specific Outcome mapping, and various attainment reports in single click.

2. Achieving error free attainment calculation.

3. Maintains Course Outcome, Program Outcome, Program-Specific Outcome and relative mapping and attainment calculation of each and every program (Branch) of institute for every curriculum**.**

4. Generates and maintains internal and external attainment for ease of use for user.

1.2 Strategy

Divide-and-conquer

The divide-and-conquer strategy solves a problem by:

1. Breaking it into sub problems that are themselves smaller instances of the same type of problem.

2. Recursively solving these sub problems

3. Appropriately combining their answers The real work is done piecemeal, in three different places: in the partitioning of problems into sub problems; at the very tail end of the recursion, when the sub problems are so small that They are solved outright; and in the gluing together of partial answers. These are held together and coordinated by the algorithm's core recursive structure.

We divide our projects in small modules. Those modules are user, student, teacher, course, result.

All these modules are combine together to form our system.

2. *SRS (Software Requirement Specification)*

Hardware and Software Requirement:

HARDWARE REQUIREMENTS:

- System: Intel I3 Processor and above.

- Hard Disk: 20 GB.

- Monitor: 15 VGA Color.

- Ram: 4 GB.

- Mobile : Android

SOFTWARE REQUIREMENTS:

- Operating system: Windows 7 and above.

- Coding Language: Java 1.8.

- Tool Kit: Android 2.3 and above.

- IDE: Android Studio.

- Database: SQLite, MySQL.

3. Module Descriptions

3.1 Login model.

This is first page or the home page of the web Application. Here the user have to login to access the further Application.

3.2 All facilities of the Applications

This are the facilities provided by your Application like portion outcome Portion outcomes, Course Outcome, Program- Specific outcome, Internal Attainment, External Attainment.
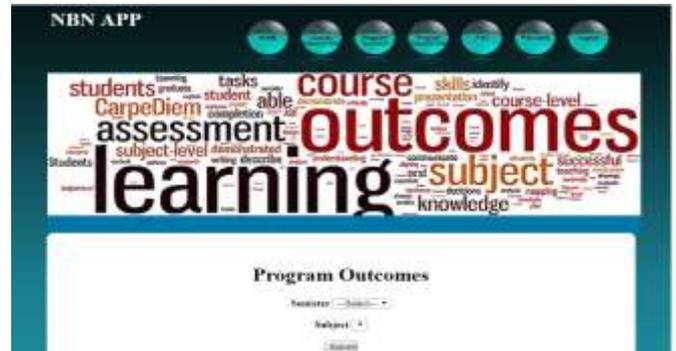
3.3 Course Outcome Module. (co)
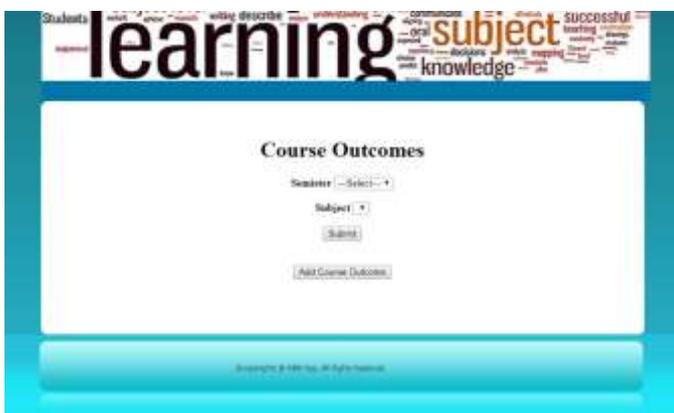
Here the client or user will enter the Course Outcome which will be stored in your database will be reflected
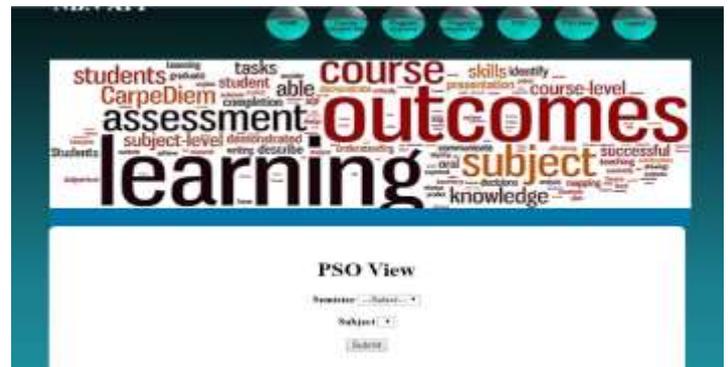
Further when required for print under single click.

3.4 Program Outcome Module. (po)

Here the client or user will enter the Program Outcome which will be stored in your database will be reflected

Further when required for print under single click.

3.5 Program Specific Outcome (pso) Module.

Here the client or user will enter the Program Specific Outcome which will be stored in your database will be reflected further when required for print under single click.

3.6 Program Specific Outcome.

All the above data which was entered by user or client are reflected here and they all are combined under single table known as **PO-CO-PSO mapping** and they can be printed.

3.7 Other Modules of Web Application.

There are more two modules which handle the same two important Function of Your project which Are

- Internal Attainment.

- External Attainment.

Internal Attainment : It consist of Marks which are obtained by student in there internal exam like Class test 1,Class Test 2,The Term Work which they have obtained by the respective Subject teacher.

External Attainment:

It consist of Marks which are obtained by student in there External exam like Oral , practical, Theory This All information will be Entered into your application by the respected subject teacher . The Application will automatically return the Attainment Level for particular subject.

4. CONCLUSION

In this web Application we have to implement different facilities related for Nation board of Accreditation Audit .The Site makes it a simple to exhibit user, with easy access to all your content for Portion outcomes , Course Outcome , Program- Specific outcome ,Internal Attainment ,External Attainment .

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