E-GOVERNANCE (SWE1012)

PROJECT REPORT

"E SCHOLARSHIP"

Scholarship Portal

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CONTENT

1.Objective:

- Ensure timely disbursement of Scholarships to students.
- Provide a common portal for various Scholarships schemes of Central and State Governments.
- Create a transparent database of scholars.
- Avoid duplication in processing.
- Harmonisation of different Scholarships schemes & norms
- Application of Direct Benefit Transfer
- Simplified process for the students:
  - Common application form for all scholarships
  - Onetime registration of students
  - Based on eligibility criteria, system itself suggests the schemes for which a student is eligible
- Improved Transparency:
  - Elimination of duplicate applications
  - Release of scholarship amount directly to bank accounts of students through DBT
- SMS and E-Mail alerts at every step of scholarship process.
- Serve as a Decision Support System (DSS) as up-to date information is available on demand.
- Scalable and Configurable platform.

2.Abstract:

The initiative aims at providing a Simplified, Mission-oriented, Accountable, Responsive & Transparent **'SMART'** System for faster & effective disposal of Scholarships applications and delivery of funds directly into beneficiaries account without any leakages. Scholarships Portal is one-stop solution through which various services starting from student application, application receipt, processing, sanction and disbursal of various scholarships to Students are enabled. National Scholarships Portal is taken as Mission Mode Project under National e-Governance Plan (NeGP). Currently, the NSP has 9 participating ministry/departments and 21 registered schemes. The application was developed using Hypertext pre-processor (PHP), AJAX, JavaScript, Hyper Text Mark-up Language (HTML) as the front end and

MySQL database as the backend. The E-scholarship system provides online application solutions that save time, and sends notifications using SMS alerts and emails on the progress of application in a timely and transparent manner.

Keywords:
Smart system,save time,benefit to student,mission mode project,National E-governance Plan(Negp).

3.Litertature Review:

[1] Higher Education Scholarships: A review of their impact on workplace retention and career progression by carloyn perry: a literature review was conducted on the effectiveness of higher education scholarship programmes, as a workforce strategy to encourage mental health workers to remain in the community sector and to determine the key elements in the design of a successful scholarship programme.The review focused on whether undertaking tertiary studies influenced workers' intentions to remain in their chosen area of work and their future career plans; however evaluations on the successful provision of higher education scholarships and their influence on workforce retention proved limited.The review resulted in the development of a list of key elements that may contribute to the successful design and delivery of an industry focused, higher education scholarship programme.

[2] Internet has become the means for conducting growing numbers of transactions because of the speed, flexibility, and efficiency that it offers. This technology is required by every organization if it does want to reach out to its customers in this age of globalization.

[3] The term "scholarship" according to is a form of financial assistance that does not require repayment or employment and which is usually offered to students who show potential for distinction, or who possess certain characteristics important to the scholarship provider (such as religious beliefs, hobbies, ethnicity, etc.). A scholarship is a form of financial aid that is specifically geared towards students who are attending college. It is used as a way of financing their education, and it may pay a part of their education, or it may pay the entire cost of a student's tuition.

[4] As point out, Scholarships will require students to meet certain requirements, both before and after they've obtained it. Most of these scholarships will require

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students to have a minimum GPA, and they may also require them to take a certain number of credit hours within the first 12 months of their schooling. While some scholarships are based on gender, others are based on the field the student is majoring in. Scholarship, especially in developing countries, has been considered as a means to improve the access, participation, enrolment and achievement of students from the poor and disadvantaged background.
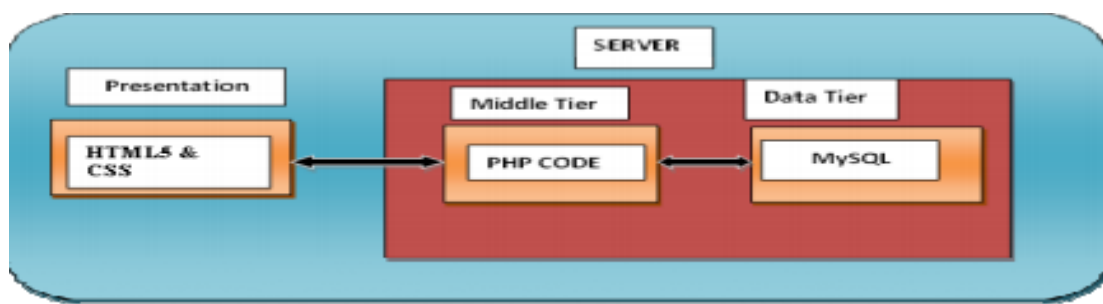
4.Software resources:

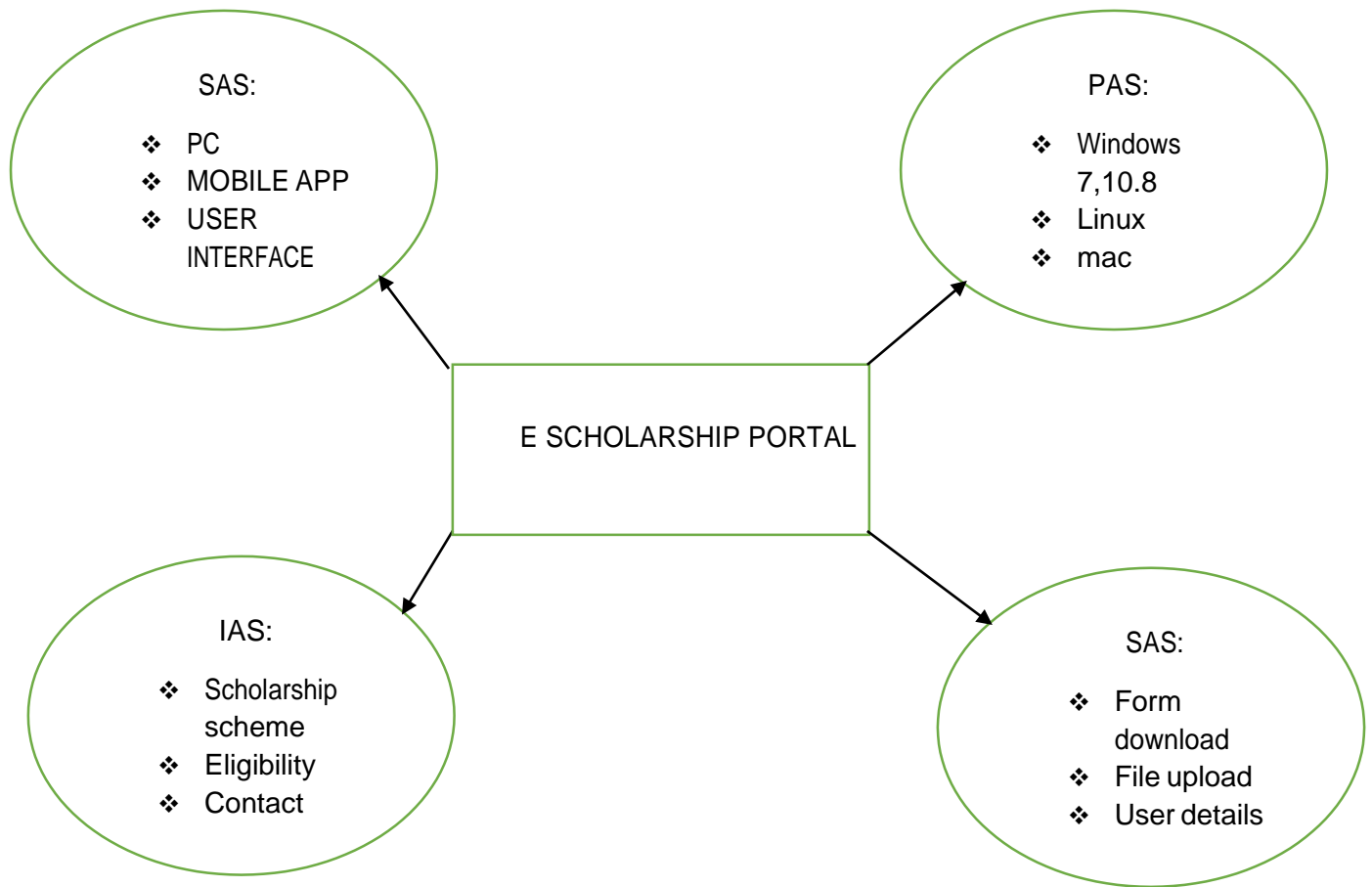- PHP,HTML

- MYSQL

- XAMP SERVER

- GOOGLE CHROME

Hardware resource:

- 4GB RAM

- 64 or 32 Bit Operating system

- Windows 7,8,10

- Pc,Laptop,mobile

5. Oriented Architecture of Project:

- **SAS-Software As Service**

- **PAS-PlatForm As Service**

- **IAS-InfraStructure As Service**

- **SAS-Storage As Service**

SAS:

- ❖ PC
- ❖ MOBILE APP
- ❖ USER
  INTERFACE

PAS:

- ❖ Windows
  7,10.8
- ❖ Linux
- ❖ mac

E SCHOLARSHIP PORTAL

IAS:

- ❖ Scholarship
  scheme
- ❖ Eligibility
- ❖ Contact

SAS:

- ❖ Form
  download
- ❖ File upload
- ❖ User details

6.PROJECT LIFECYCLE:

Intiation

Planning and
implementation

Operation

monitoring

Risks
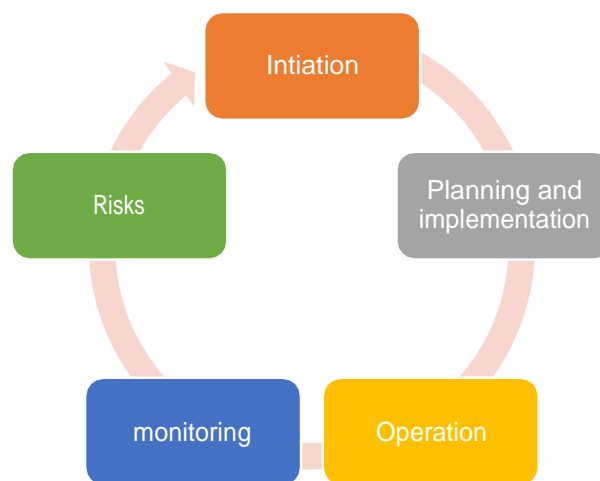
1) Intiation:

Abstract:

- E scholarship comes under the government to citizen (G2C)service model.
- Citizen can apply financial help to government for the educational.

Motivation for developing E scholarship portal:

- Many student cannot complete the educational degree because of financial problem in their house.For this solution we develop the portal.
- In olden days,student apply the scholarship in non-digitalized manner,it implies time andcost waste for the student and student cannot identify that their application received to the government or not.
- For that facilities,we develop portal it reduce time and cost.student can track the application status in portal itself.
- Portal contain scholarship schemes it help students to apply.

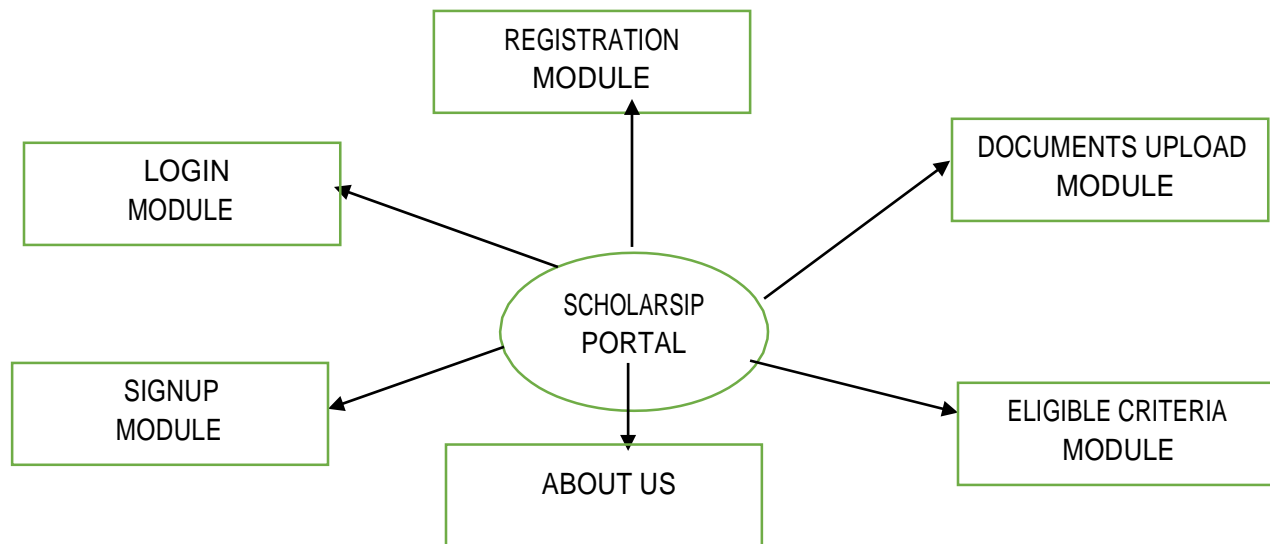## 2) Planning and implementation:

Tools:

- **Google**
- **Xamp server**
- **My sql**
- **Php myadmin**
- **Html,php**

Modules:

Escholar ship portal was built for the student educational Benefits.Modules Developed in our project are:

- ❖ UserLogin
- ❖ Signup
- ❖ Registration form
- ❖ Document to be upload
- ❖ Eligible criteria
- ❖ About us

BLOCK DIAGRAM:

```
                    ┌─────────────────┐
                    │  REGISTRATION   │
                    │     MODULE      │
                    └─────────────────┘
                             ▲
                             │
┌──────────────┐             │              ┌──────────────────┐
│    LOGIN      │◄───┐        │        ┌───► │ DOCUMENTS UPLOAD │
│   MODULE      │    │   ╭────┴────╮   │     │     MODULE       │
└──────────────┘    └───┤SCHOLARSIP├───┘     └──────────────────┘
                        │ PORTAL   │
┌──────────────┐    ┌───╰────┬────╯───┐     ┌──────────────────┐
│   SIGNUP     │◄───┘        │        └───► │ ELIGIBLE CRITERIA│
│   MODULE     │             │              │     MODULE       │
└──────────────┘             ▼              └──────────────────┘
                    ┌─────────────────┐
                    │    ABOUT US     │
                    └─────────────────┘
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3) Operation:

Modules and their operation:

UserLogin:

This modules are developed for the user to enter the system.user name and password are required to login the system.

Signup:

This modules are developed for the user to register the system to login the system.user are registered with thelp of username,emailid and password.After registered with the system enter the system and apply the scholarship.

Registration Module:

This module contain the registration forms for the student to apply scholarship in the portal.user should enter the correct in the form details,if they enter the wrong details, student cannot get the scholarship benefits.application status will be automatically upadated in the user's emailid.

Documents to be Uploaded:

In this module,user can upload the documents need for the scholarship application.Uploaded document should be original.

Eligible Criteria:

In this module contain eligible condition list for the student to apply the scholarship.

Contact us:

In this module contain contact details of the portal administrator.user can contact for the dubts and details about the scholarsip apply.

4) Monitoring:

- Complete the portal with the use of tools.
- Monitor the every day to avoid data crash in the database.
- Identify the bugs involvement in the portal(bug like server error)
- Rectify the bug in the every modules.

5) Risks:

- Identify the risk involved in the portal.
- Rectify the risk and resolve in it.

7.PROJECT DESCRIPTION:

Supporting education through scholarships to students of higher learning is an important aspect of government's effort to assist students at all levels of learning to allow them afford the basic needs that accrue during their studies. It's a government plan to develop a critical mass of professionals who would serve as catalysts of change and agents of scientific and technological advancement, as well as sustainable economic development. However, the cost of education has risen drastically over the past few years hindering the families of low income earners to send their children to school as they can barely afford the cost. Scholarship as defined by [1] is a grant or payment made to support a student's education, awarded on the basis of academic or other achievement. Many scholarships are awarded based on merit. However, some also take into account financial need. Scholarships do not have to be repaid. As a result, Niger State Scholarship Board invites applications from qualified candidates for sponsorship of outstanding students at undergraduate and postgraduate studies levels as part of it effort to develop

professionals who would serve as catalysts of change and agents of scientific and technological advancement. Currently, the procedures of applying for scholarships, managing scholarship and evaluating application forms at Niger State Scholarship Board are all done manually using paper-based processing. Applicants have to fill out their application forms and submit them manually to the office. If there is any problem with their applications while they are processed, it will also take an extra time for both the reviewing committee as well as the applicant to communicate and correct the errors. Therefore, additional paperwork for the review may cause a delay in the entire procedure. The processes of screening the applicant's credentials, evaluation of applicant's form, conducting aptitude test and oral interview are also tedious. This informed the development of an online web-based system (e-scholarship system) which can facilitate the processes of various scholarship applications.

8. Budget plan:

Project Budget

PROJECT DESIGN

PROJECT TASKS	LABOR HOURS	LABOR COST ($)	MATERIAL COST ($)	TRAVEL COST ($)	OTHER COST ($)	TOTAL PER TASK
Develop Functional Specifications	1.0	$1.00	$1.00	$1.00	$1.00	$5.00
Develop System Architecture	1.0	$1.00	$1.00	$1.00	$1.00	$5.00
Develop Preliminary Design Specification	1.0	$1.00	$1.00	$1.00	$1.00	$5.00
Develop Detailed Design Specifications	1.0	$1.00	$1.00	$1.00	$1.00	$5.00
Develop Acceptance Test Plan	1.0	$1.00	$1.00	$1.00	$1.00	$5.00
Subtotal	5.0	$5.00	$5.00	$5.00	$5.00	$25.00

PROJECT DEVELOPMENT

Develop Components	0.0	$0.00	$0.00	$0.00	$0.00	$0.00
Procure Software	0.0	$0.00	$0.00	$0.00	$0.00	$0.00
Procure Hardware	0.0	$0.00	$0.00	$0.00	$0.00	$0.00
Development Acceptance Test Package	0.0	$0.00	$0.00	$0.00	$0.00	$0.00
Perform Unit/Integration Test	0.0	$0.00	$0.00	$0.00	$0.00	$0.00

9.**StakeHolders**:

Service offered to the stake holders:

STUDENTS:

- ☐ Check your eligibility for scholarships
- ☐ Student Registration (Fresh and Renewal)
- ☐ Online Submission of Application
- ☐ Application Status Tracking
- ☐ Know your payment status
- ☐ Register Complaint / View Complaint Status

INSTITUTION:

- ☐ Application Verification
- ☐ Forward Applications
- ☐ After verification,deposit the money to the bank.

BANKER:

- ☐ Deposit the money in the student account no.
- ☐ Verify the student account details.

Government officer:

- ☐ Verify the student annual income certificate.
- ☐ Verify the student mark sheet.
- ☐ Verify the students native details

10.**Social Media Engagement:**

Use visual content to increase brand awareness:

Visual content is simply more engaging to the average social media user. Create your own graphics or images and post them on social media. People are more likely to share something on their social networks that is visually appealing than a

post with text only. According to BuzzSumo, Facebook posts that contain images see engagement levels 2.3 times higher than those without images

Use a different tone on different platforms:

On Twitter, you can be much more playful than on LinkedIn. Facebook also calls for a different tone. Certain types of people use different social media channels, and for different reasons. LinkedIn, for example, being a professional social media site, is more serious. On the other hand, you can let your humor come out more on other platforms.

Hashtags, hashtags, hashtags!:

Use hashtags. One more time: use hashtags! Use them freely and liberally. They put your posts in front of numerous different audiences and can vastly expand the reach of your brand on social media. Did I mention that you should use hashtags?

Make and share short videos

Videos are another content type that works incredibly well on social media. Probably better than infographics even. Create how-to-videos, short product demos, animated short clips that explain scholarship and need of education, etc. Get creative and ensure they are not boring. People like to share videos, so video creation will increase your brand awareness considerably.

Targeted social advertising

Social advertising can be a terrific way to increase brand awareness. You can target based on geography, demographics, or other characteristics that are stored in the respective social channels you use. It's a highly effective way to put your brand in front of those who you already know is likely to be a good fit.

11. Governance and services on demand

The Mission Mode Project (MMP) of National Scholarships Portal under the National e-Governance Plan aims at providing common electronic portal for implementing various Scholarships schemes launched by Union Government, State Government and Union Territories across the country. The initiative aims at providing a Simplified, Mission-oriented, Accountable, Responsive & Transparent **'SMART'** System for faster & effective disposal of Scholarships applications and delivery of funds directly into beneficiaries account without any leakages.

- Scheme Eligibility- External Website that opens in a new window
- Student Registration, Institutional/College Registration- External Website that opens in a new window
- Student Status tracking & Grievance Redressal- External Website that opens in a new window
- Verification/Scrutiny of student applications
- Merit list generation wherever applicable
- Scheme configuration
- Integration with Public Financial Management system of CGA & with state treasuries and Banking system (in future)

12. Utility to citizen

- ❖ Simplified process for the students
- ❖ Common application form for all scholarships
- ❖ Onetime registration of students
- ❖ Based on eligibility criteria, system itself suggests the schemes for which a student is eligible
- ❖ Improved Transparency
- ❖ Elimination of duplicate applications
- ❖ Release of scholarship amount directly to bank accounts of students through DBT
- ❖ SMS and E-Mail alerts at every step of scholarship process
- ❖ Serve as a Decision Support System (DSS) as up-to date information is available on demand
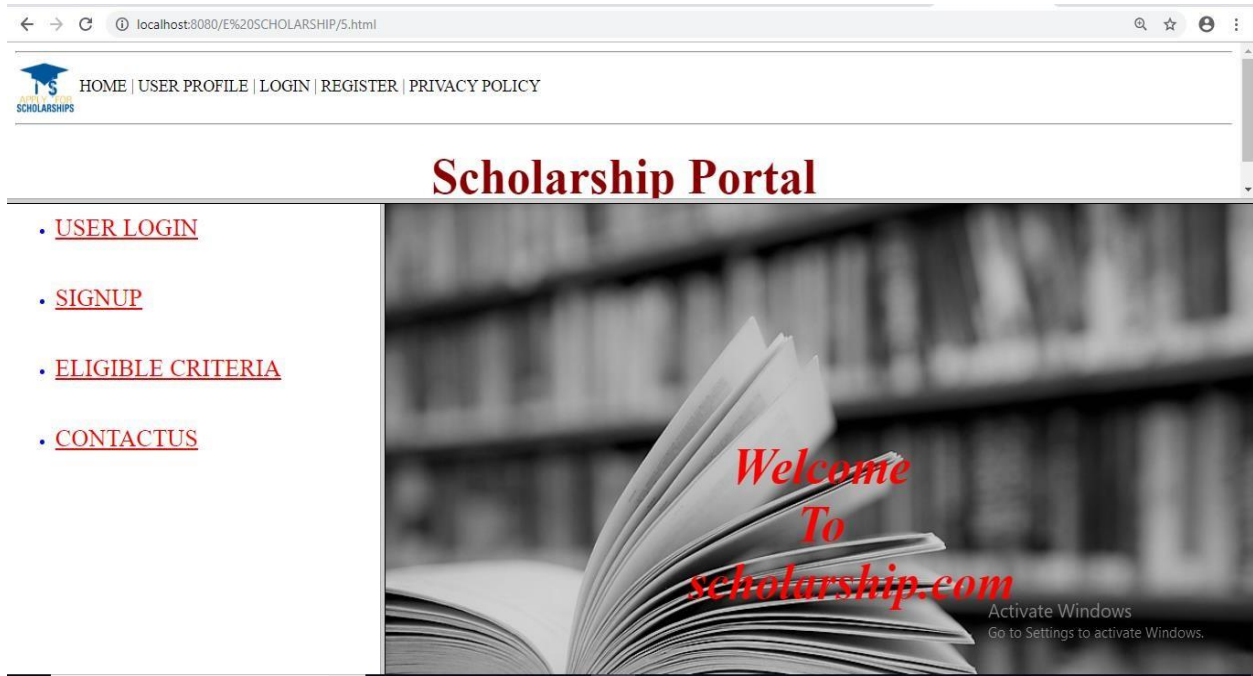- ❖ Scalable and Configurable platform

13. References:

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[2] C.W. F. Anthony, S. Andrea, G. Kappel, R. Werner, E. Kimmerstor, et al, "Ubiquitous Web Application Development – A Framework for Understanding", Hagenberg, Austria, Pp.1-7, 2000. Available: http://www0.cs.ucl.ac.uk/staff/A.Finkelstein/papers/uwa.pdf.

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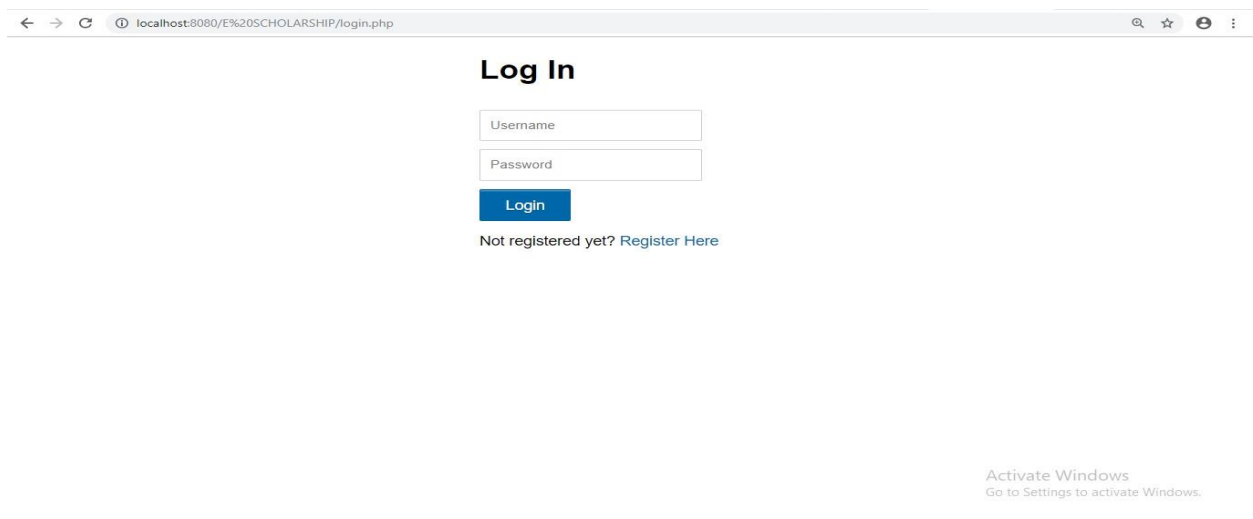
14. IMPLEMENTATION:

MODULE WISE IMPLEMENTATION:

1) HOMEPAGE:

2) LOGIN PAGE:

3) SIGNUP PAGE:

4) REGISTER FORM:

------REGISTRATION---*---*

name:
gender:
address:

phone:
emailid:
father name:
fatheroccupation:
mothername:
motheroccupation:
annualincome:
mark:
attendance:
sslcpercentage:
hscpercentage:
diplomapercentage:

BACK   NEXT

------DOCUMENT TO BE UPLOADED---*---*

PHOTO: Choose File No file chosen   Submit

HSC MARKSHEET: Choose File No file chosen   Submit

SSLC MARKSHEET: Choose File No file chosen   Submit

INCOME CERTIFICATE: Choose File No file chosen   Submit

BACK SUBMIT

Note:***UPLOAD CERTIFICATE SHOULD BE XEROX COPY OF ORIGINAL CERTIFICATE***

LOGOUT:

DATA SUBMITTED SUCCESSFULLY!!!!!!

LOGOUT

Note:***APPLICATION STATUS UPDATED IN YOUR EMAIL,SO ENTER CORRECT EMAILADDRESS***
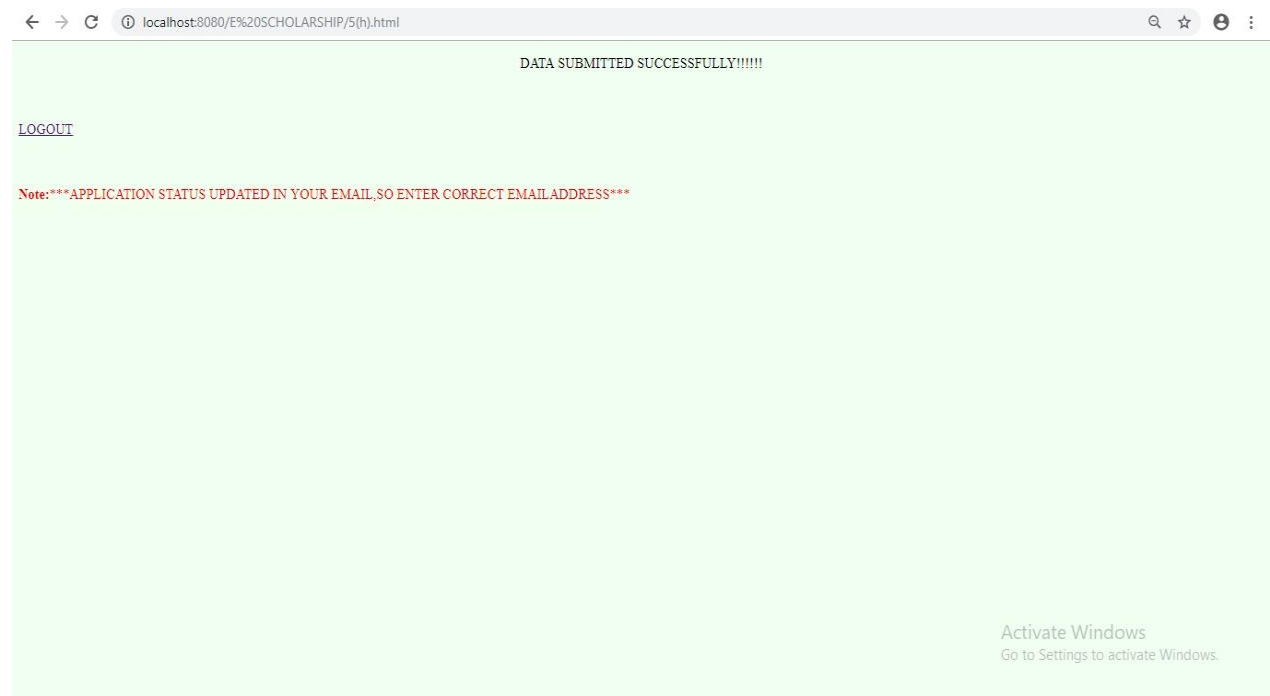
ELIGIBLE CRITERIA:

ELIGIBLE CRITERIA FOR SCHOLARSHIP

Eligibility Criteria for Post-Matric

Ministry/Department	Parental Income	Primary Supporting Doc	Amount Variation	Previous Year Percentage	Quota
Disabilities	2.5 lakh	Disability(>40%) Certificate	1. Course Group & Hosteller/Day Scholar 2. Degree of Disability	Applicable	16650
Higher Education	6.0 lakh (4.5 lakh non-creamy)	SC/ST/OBC Disability Certificate	NA	Applicable	82000 (50% girls, SC 15%, ST 7.5%, OBC 27%, Disability 3%)
Minority Affairs	2.0 lakh	Parental Income/Religion Certificate	Hosteller/Day Scholar	Applicable	30% girls
Labor	1.0 to 1.2 lakh	Worker's ID Card	Gender	NA	NA

Eligibility Criteria for Pre-Matric

Ministry/Department	Parental Income	Primary Supporting Doc	Amount Variation	Previous Year Percentage	Quota
Disabilities	2.0 lakh	Disability(>40%) Certificate	1. Hosteller/Day Scholar 2. Degree of Disability	Applicable	46000
Minority Affairs	1.0 lakh	Parental Income/Religion Certificate	Hosteller/Day Scholar	Applicable	40% girls
Labor	1.0 to 1.2 lakh	Worker's ID Card	Gender	NA	NA
School Education	1.5 lakh	Parental Income Written Test	NA	Applicable	100000

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Eligibility Criteria for Top Class						
Ministry/Department	Notified Institute	Parental Income	Primary Supporting Doc	Amount Variation	Previous Year Percentage	Quota
Disabilities	197	6.0 lakh	Disability(>40%) Certificate	1. Hosteller/Day Scholar 2. Degree of Disability	Applicable	160(50% girl)
Social Justice & Empowerment	207	4.5 lakh	1. SC Certificate 2. Parental Income	Gov/Private Institute	Applicable	1250(Institute wise Quota)
Minority Affairs	85 (For full reimbursement)	2.5 lakh	Parental Income/Religion Certificate	Hosteller/Day Scholar	Applicable	60000(State/Community Wise Quota) & 30% girls
Labor	All Professional Courses	1.0 to 1.2 lakh	Worker's ID Card	Fixed	NA	NA
Tribal Affairs	146	4.5 lakh	ST Certificate	GOV/Private Institute	Applicable	1000
PMSS-WARB	All Professional Courses	NA	1. Parental Office ID Card & Docs. 2. Previous Year % Certificate	Gender	Applicable	3000(Category Wise Preference)

HOME

CONTACT US:

localhost:8080/E%20SCHOLARSHIP/contact.html

About Us

Your valuable suggestions are always accepted...............

Please contact for further details :

EDUCATIONAL TRUST
ADDRESS:131A kumaranstreet,Gandhinagar
VELLORE-632006
PHONENO:9876543210
Emailid:educationaltrust@gmail.com