Find My Scholarship

A Minor Project Synopsis
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Towards Partial Fulfillment for the Award of

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Abstract

Scholarship Information has always been the need of the hour , be it student pursuing their primary studies, bachelor's degree, master degree, or for further study .

There are excessive & tons and tons of scholarship that are provided under various government schemes , government aided schemes & private institutions for the welfare of the student body entirely.

But the problem arises when the person in need ,lacks about the knowledge of the same even if the individual is eligible or meritorious he/she would not be able to gain any benefit from the scheme.

To address this problem we came up with the idea of a website which will index all the major schemes of each field which will -:

- Increase the knowledge about schemes.
- Provide a more crystal clear insight on eligibility.
- It will motivate the youth to be meritorious in his/her carrier.

INTRODUCTION

This project is developed for scholarship awareness amongst the students. Though via media systems are very popular, majority of students are not aware of various schemes of scholarships applicable to them.

To have a general awareness it will be more convenient if each and every educational institution/sites use and enquire this site by taking active participation in the implementation of various scholarships schemes under their supervision.

At the time of giving application the scholarship officer can add data with regards to the student's parent's income, caste, merit etc concerned with scholarships. Institutions once can very well sort out eligible students for various types of scholarships.

The campus information system here developing will help to get up-to-date information of a student regarding his both academic and non-academic activities. It will be an inducement to improve the quality of study and thereby attaining high standards.

Objective

The project "Find my scholarship" is a software package developed maintaining scholarships for different categories , checking eligibility criteria for each scholarship. The software is very helpful to find the eligible candidates from different colleges.

 The project finds the eligible candidates from students list on the basis of marks, caste, sports and income. And after preparing such list it will send a query mail on the email address provided at the time of registering the site .

Further more on implementation and through updates , the site will index the scholarships on the basis of requirement of the particular id/user.

SCOPE

The scope of the project is that it can be used by any student , or by institution to automate the scholarship departments. Anyone having the access to the internet can access the application and can perform the operations.

In our application we have three modules.

1. Scholarship Information
2. Scholarship Officer
3. Student

- **Scholarship Information**

This module contains all the information related to the scholarship ,like criteria of the scholarship , document required , central government scheme/ state government scheme / private institute scholarship .

Furthermore it will contain the session of application , also upon future addition it may contain features like setting up reminder of scholarships, check status of scholarship , best suited scheme applicable on the individual with caste , religion , merit criteria.

- **Student**

This page stores the information about all the students like caste, marks, father annual income, mail id and address etc. This page generates user name and password to every student.

- **Scholarship Officer**

This module stores all the types of scholarships, and the list of all the students who have applied for scholarship. Scholarships are applied by the college on behalf of the students, which are sanctioned by the Government and trusts. Each and every student scholarship details are monitored by scholarship officer.

Study of Existing System

- **Study of modular system**

In the current scenario the scholarship information is merely based on the discussions of the groups , information through the college groups , also many website provides the insight on scholarship but are scattered which is of mere use to the student, these all condition upon compiling creates a very hard task for an individual to sort out the scholarships.

At present the college maintains manual records, in the form of registers, files, etc. to store the scholarship details of the students. New scholarships to be issued, involves heavy paper work. It also leads to data redundancy.

The analysis part includes a detailed study of the existing system.

Limitations

- Time delay
- Redundancy
- Accuracy
- Information Retrieval
- Storage Media

All these are rectified in the proposed system. Much emphasis is given upon the process of customer servicing.

- # **Study of National Scholarship Portal**

National scholarship portal is a government-driven portal for providing information regarding scholarships in India.

The main aim of this portal is to aware students of all scholarships that they can avail of and complete their studies.

All central and state scholarships are enlisted in this portal.NSP platform also hosts application forms for all the scholarships and ensures effective implementation and disbursement. Students can check the eligibility criteria and terms and conditions of the scholarship that a student must avail themselves of.

Limitations of NSP:

As stated above it's a national scholarship portal and all India-based scholarships are referenced and described by this portal.

As per studies, the total number of Indian students who departed India for higher education in the current year is 1,33,135, while there were 4,44,553 students in 2021 and 2,59,655 in 2020.

Some countries were offering great scholarship opportunities to Indian students also some Indian scholarships are there for students studying abroad . But NSP has no specification for such international scholarships.

To emphasize international scholarships so that Indian students will not find difficulty in applying for such scholarships, our portal clubs national as well as international scholarships on one page. so that finding every scholarship becomes easy and effective.

Find my scholarship is a portal that gives users full access to national as well as international scholarships where national scholarships are divided into central and state scholarships to provide a clear vision.

Some existing systems claim that they are giving the right information regarding the scholarship but they lack in updating their information. To avoid any confusion our page directly linked the user to their selected scholarship's page with one click.

Project Description

System requirement give an idea about what are the necessary things that are needed for the proposed system, which plays a very important role in the development of any system. This chapter deals with what are hardware components that are needed for the system, application, software that is required for the development of the system and the functional requirement of the system. Frontend tools helps to visualize the system, while backend helps in activities which are not visible to the end use.

This project consists of 3 modules

1. Masters/Admin

2. Scholarship Officer

3. Student

Functionalities:

- Master/Admin

  ❖ Adding of college details.
  ❖ Editing of college details.
  ❖ Add Scholarship Officer Specific to college.
  ❖ Set the user name and password to Scholarship Officer.
  ❖ Block Scholarship Officer.
  ❖ Authenticate Student .
  ❖ Add/Update scholarship information.
  ❖ Maintain query and curate the database accordingly.
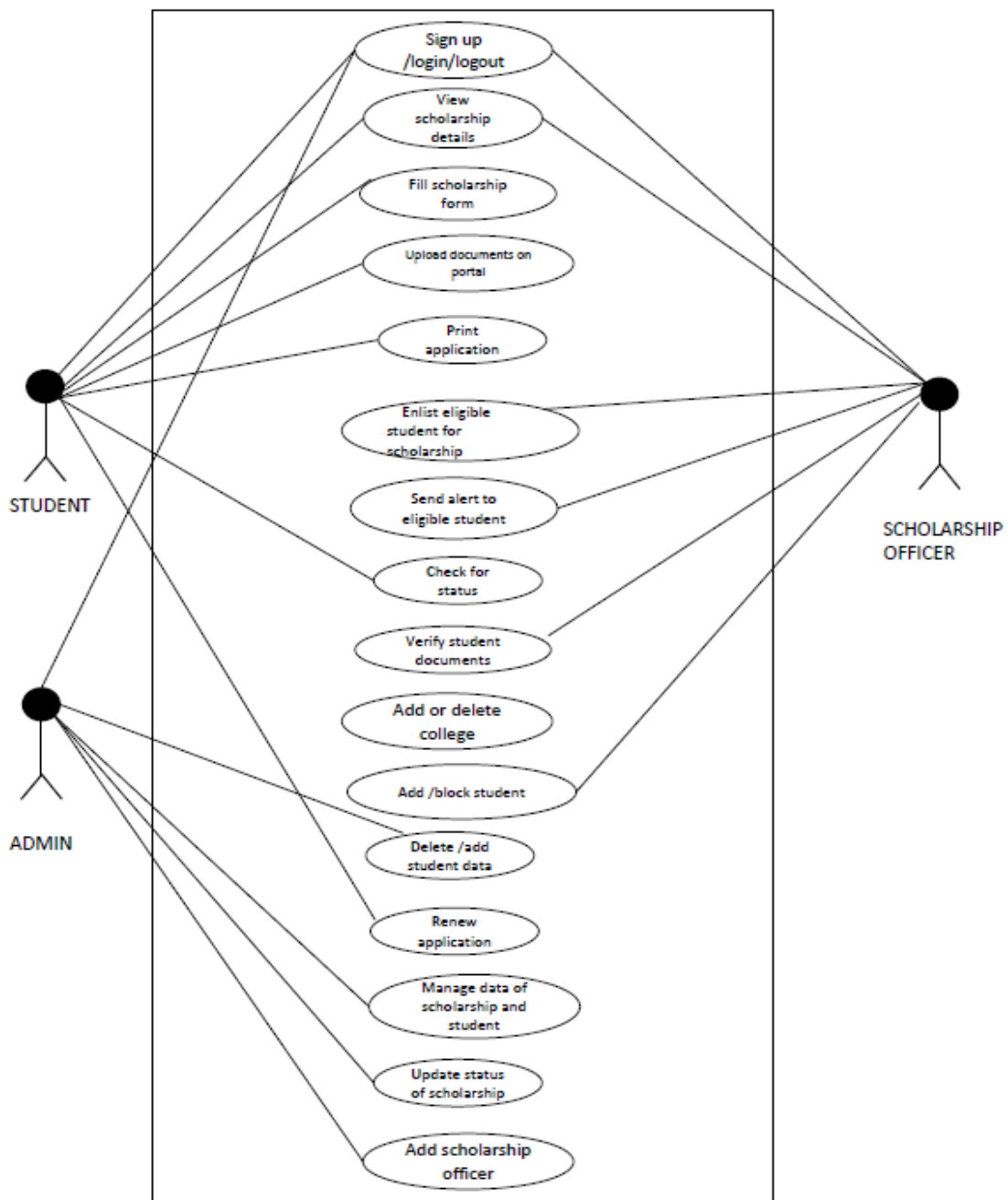 ❖ Master control of student / scholarship officer.

- ScholarshipOfficer

  - ❖ Adding Student details.
  - ❖ Block students
  - ❖ Add Scholarship details and set the criteria for scholarship.
  - ❖ View all students who are fulfilling the scholarship requirement.
  - ❖ Send scholarship details or alerts to the eligible students.
  - ❖ Accept or Reject scholarship for students.
  - ❖ View feedback and send response to the student.
  - ❖ Set the user name and password to Student.
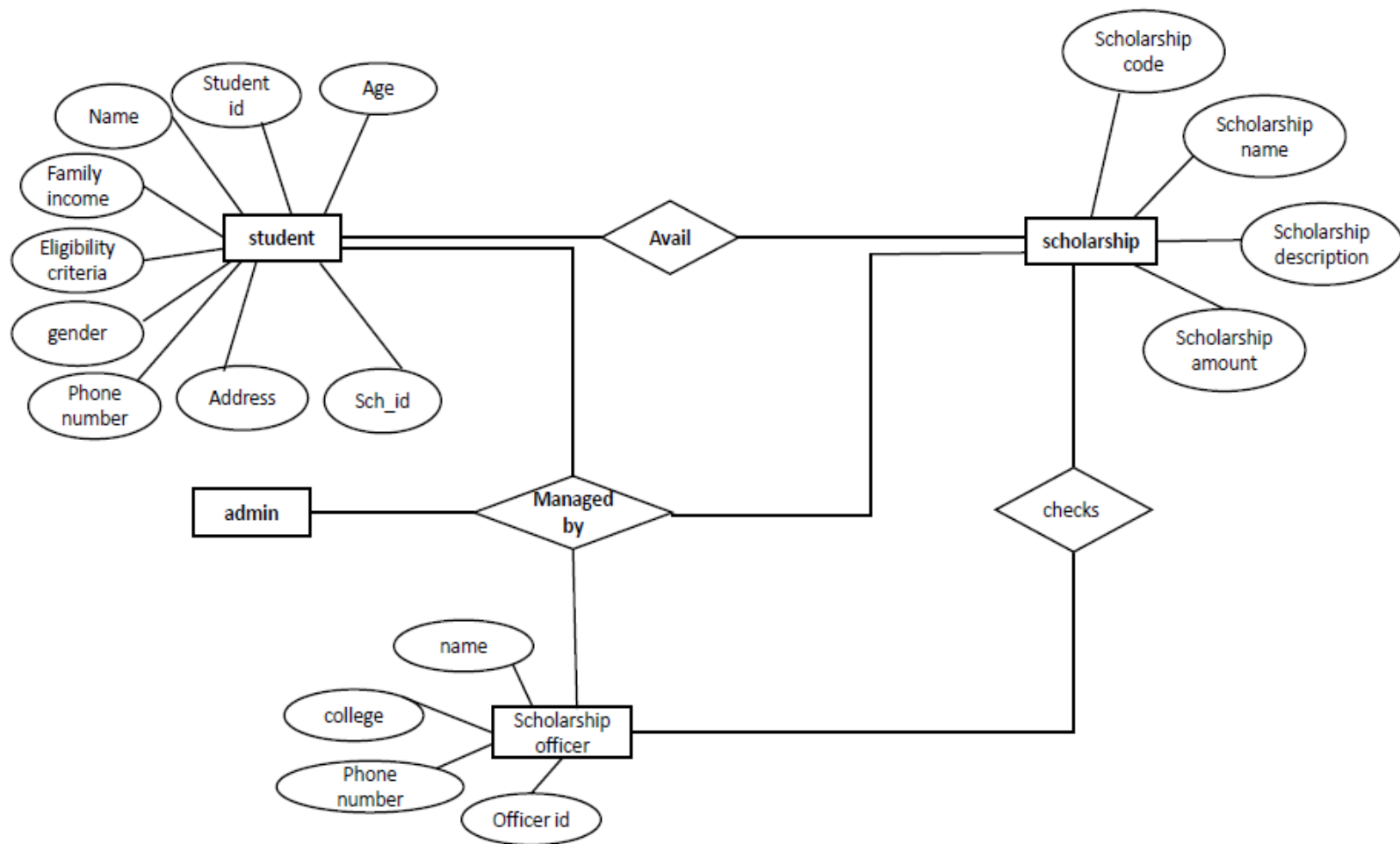 - ❖ Update Profile

- Student Module
  - ❖ View all scholarship details and eligibility criteria. ⬚
  - ❖ Upload scholarship documents.
  - ❖ View scholarship status.
  - ❖ Update profile
  - ❖ Send feedback
  - ❖ View response for feedback
  - ❖ Send query for improvement

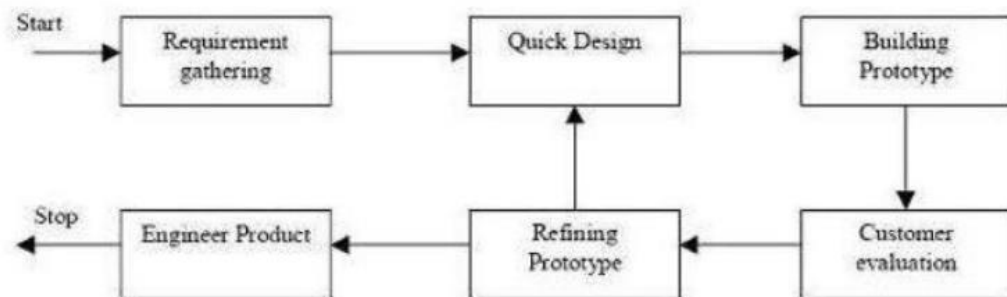- USE CASE DIAGRAM

- ENTITY RELATION DIAGRAM

Methodology

- ## Process Model

In this Process model we using Prototype Model The Prototyping Model is a systems development method (SDM) in which a Prototype (an early approximation of a final system or product) is built, tested, and then reworked as necessary until an acceptable prototype is finally achieved from which the complete system or product can now be developed.
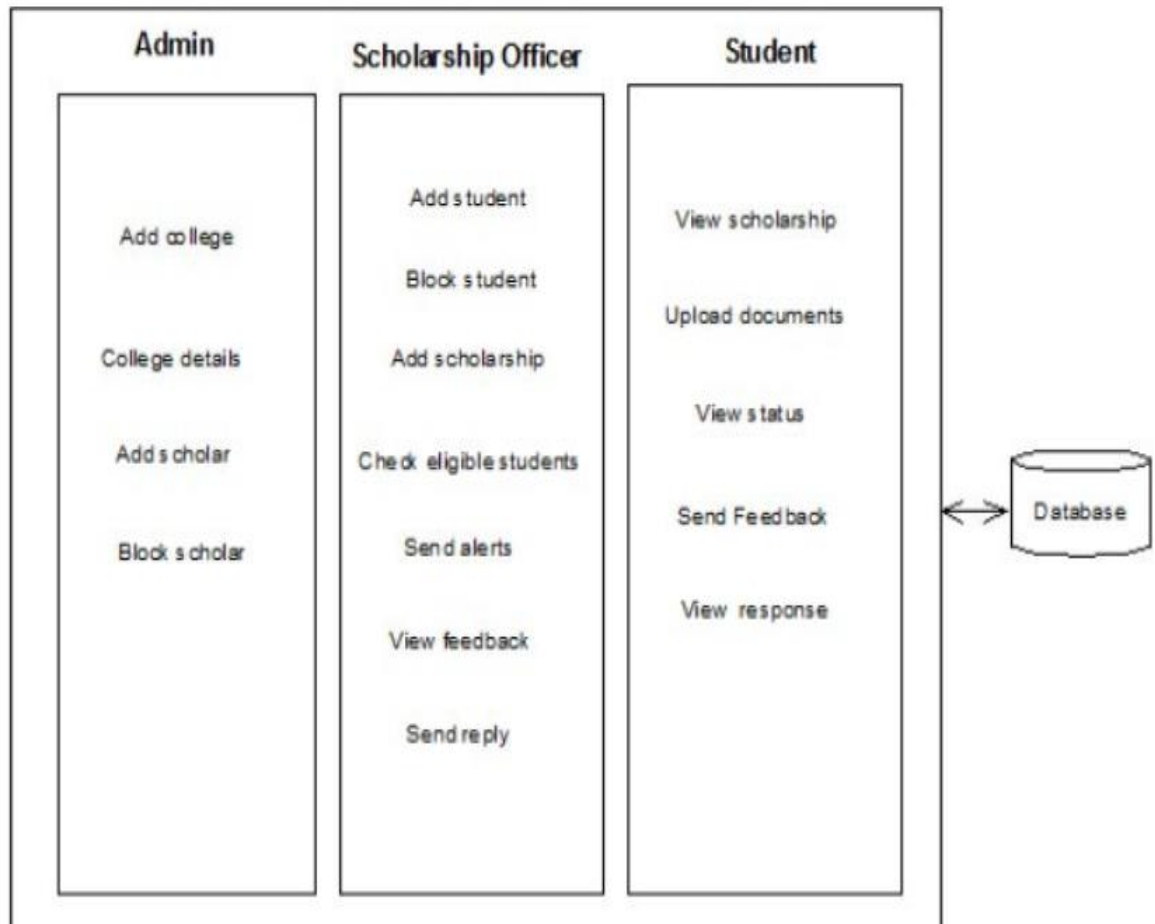
This model works best in scenarios where not all of the project requirements are known in detail ahead of time.

It is an iterative, trial-and-error process that takes place between the developers and the users.

Prototyping Model

- ## Software Architecture

Admin	Scholarship Officer	Student
Add college	Add student	View scholarship
College details	Block student	Upload documents
Add scholar	Add scholarship	View status
Block scholar	Check eligible students	Send Feedback
	Send alerts	View response
	View feedback	
	Send reply	

Database

Resources and Limitations

Software Requirement

OPERATING SYSTEM : Windows

ENVIRONMENT : Visual Studio

LANGUAGE : HTML,CSS,JAVASCRIPT

LIBRARIES: BOOTSTRAP,REACT JS, NODE JS

BACKEND : SQL ,PHP

Hardware Requirement

PROCESSOR : Intel Pentium

RAM : 1 GB or more

MONITOR : COLOUR 720p

HARD DISK : 128Gb

KEYBOARD : STANDARD 102 KEYS

MOUSE : 3 BUTTONS

LIMITATIONS

- Needs Proper Internet connection

- Needs a second authorized person

- Cost of maintanence would be high

- Listing all the scholarships from every state and updating it is very time consuming task.

Conclusion

Apart from the other facilities it also provides ease of data entry for the user. It has been found that the new system has overcome most of the limitations of the existing system and works according to the design specification given. The developed systems dispense the problems and the meets the need by providing reliable and comprehensive information. All the requirements projected by the user have been met by the system. The newly developed system consumes less processing time and all the details are updated and processed immediately. Since the screen provides real time help messages and is very user friendly, any user can get familiarized.

Future Enhancements:

Every application has its own merits and demerits. The project has covered almost all the requirements. Further requirements and improvements can easily be done since the coding is mainly structured or modular in nature. Changing the existing modules or adding new modules can append improvements. Further enhancements can be made to the application, so that the web site functions very attractive and useful manner than the present one.

References

Textbook References:

XML - XML complete reference by Aaron Skonnard & Martin Gudgin

HTML - Steven Holzner AJAX - JavaScript and Ajax for the web, Sixth Edition(Visual Quick Start Guide)

Modern Web Design Using JavaScript and DOM by Stuart Landgridge

Websites:

www.google.com

www.asp.net

www.ajaxprojects.com

www.w3schools.com

www.programmingtutorials.com

www.youtube.com