PROJECT REPORT ON

BLUELINKS
(ONLINE QUERIES AND LINKS SHARING SYSTEM)

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ABSTRACT

This Project is a web-based application that allows users to share links with one another. Any person can request a file or a piece of information in the form of query. Other users from all over the world can reply to the query by sharing the information with explanatory description. The objective of this project is to create an intuitive web-application that is user friendly and where users can not only share links but also resolve queries. A query can be resolved by any number of users, the replies to the query is kept in one spot with subjective matter such as feedback, recommendations, and suggestions, based on the personal perspective or preferences of a person that can filter out the best solution. This project sole purpose is to solve problems through mean of discussion. To make things simpler, all of the queries have been categorized into the appropriate categories. Searching functionality is also provided into the application. The project's backend is made using PHP, the frontend with HTML, CSS, Vanilla JavaScript, Bootstrap, and the database is developed with MySQL.

INTRODUCTION

The "Online Queries and Links Sharing System" has been developed to provide a platform to share and solve queries. This software is supported to eliminate and, in some cases, reduce the hardships faced by this existing system. Moreover, this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.

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REQUIREMENTS:

Software Requirements:

Name of component	Specification
Operating System	Windows 98, Windows XP, Windows7, Linux
Language	PHP Runtime Environment
Database	MySQL Server
Browser	Any of Mozilla, Opera, Chrome etc
Web Server	Apache
Software Development Kit	PHP
Scripting Language Enable	Javascript
Database JDBC Driver	MySQL Jconnector

Hardware Requirements:

Name of component	Specification
Processor	Pentium III 630MHz
RAM	128 MB
Hard disk	20 GB
Monitor	15" color monitor
Keyboard	122 keys

PHP

- You need PHP 5.2.0 or newer, with session support and the Standard PHP Library (SPL) extension.
- To support uploading of ZIP files, you need the PHP zip extension.
- For proper support of multibyte strings (eg. UTF-8, which is currently default), you should install mbstring and ctype extensions.
- You need GD2 support in PHP to display inline thumbnails of JPEGs with their original aspect ratio
- When using the "cookie" authentication method, the mcrypt extension is strongly suggested for most users and is required for 64–bit machines. Not using mcrypt will cause phpMyAdmin to load pages significantly slower**.**

Apache Web server

- Often referred to as simply Apache, a public-domain open source Web server developed by a loosely-knit group of programmers. The first version of Apache, based on the NCSA httpd Web server, was developed in 1995.
- Core development of the Apache Web server is performed by a group of about 20 volunteer programmers, called the Apache Group. However, because the source code is freely available, anyone can adapt the server for specific needs, and there is a large public library of Apache add-ons. In many respects, development of Apache is similar to development of the Linux operating system.

MYSQL

- SQL is a language to operate databases; it includes database creation, deletion, fetching rows, modifying rows, etc. SQL is an ANSI (American National Standards Institute) standard language, but there are many different versions of the SQL language.

MODULE DESCRIPTION

The modules involved in this project are:

1. Users
2. Posts
3. Solutions
4. Categories

User:

- User can signup
- User can login
- User can upload multiple images
- User can choose images from database
- User can add posts/queries
- User can add solutions
- User can select any categories

Posts:

- User can view posts.
- User can add posts.
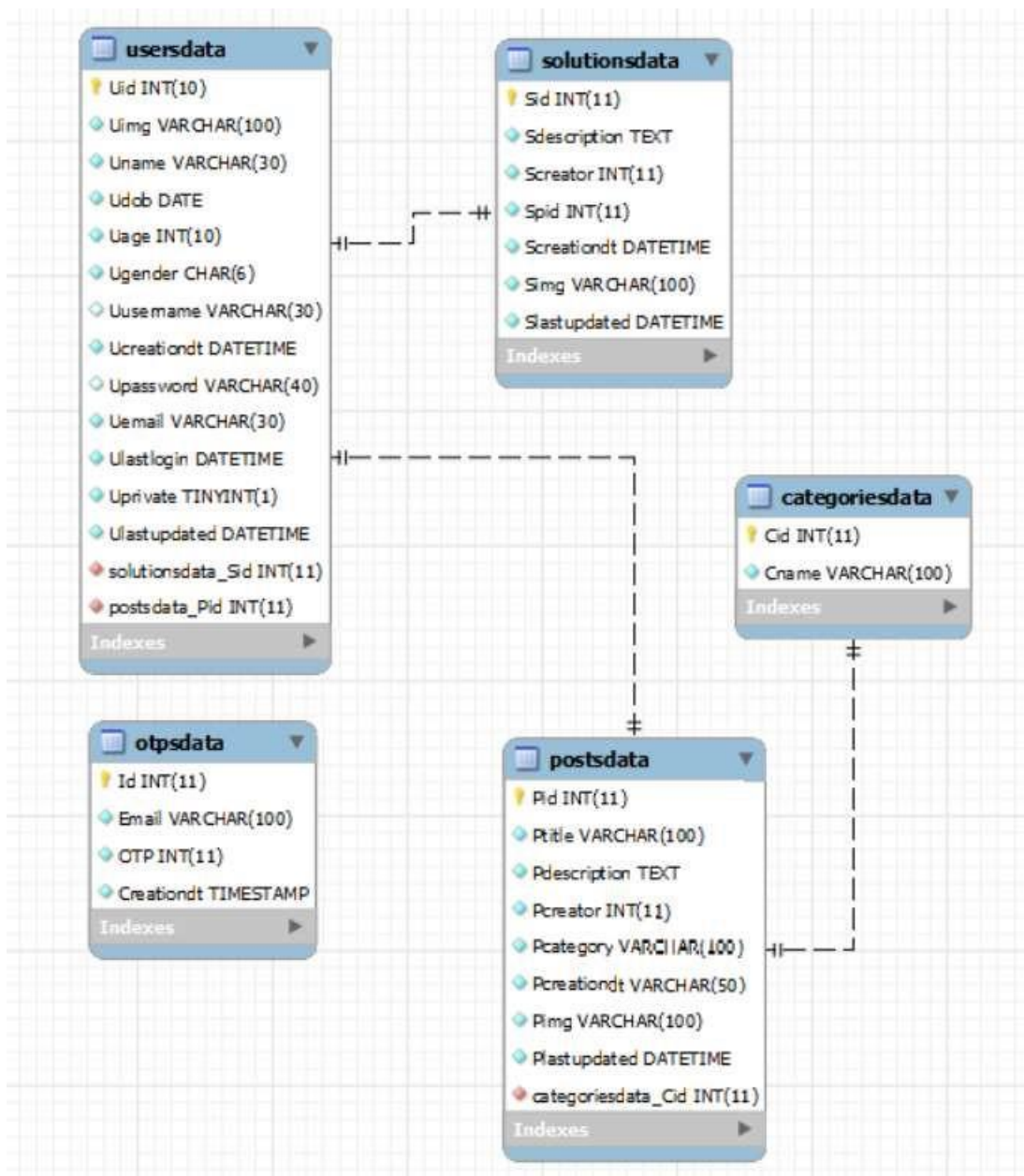- User can upload photos.
- User can edit posts.

Solutions:

- User can view solution posts.
- User can add solution posts.
- User can upload photos.
- User can edit solutions.

Categories:

- User can view categories.
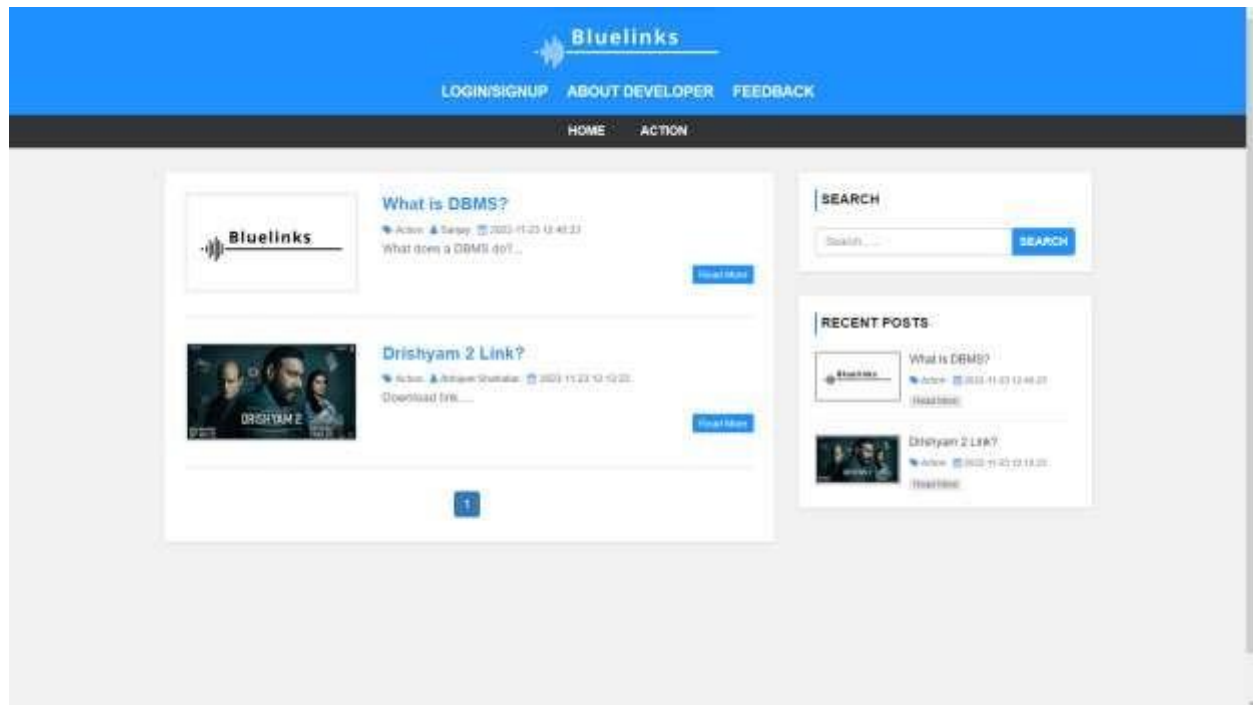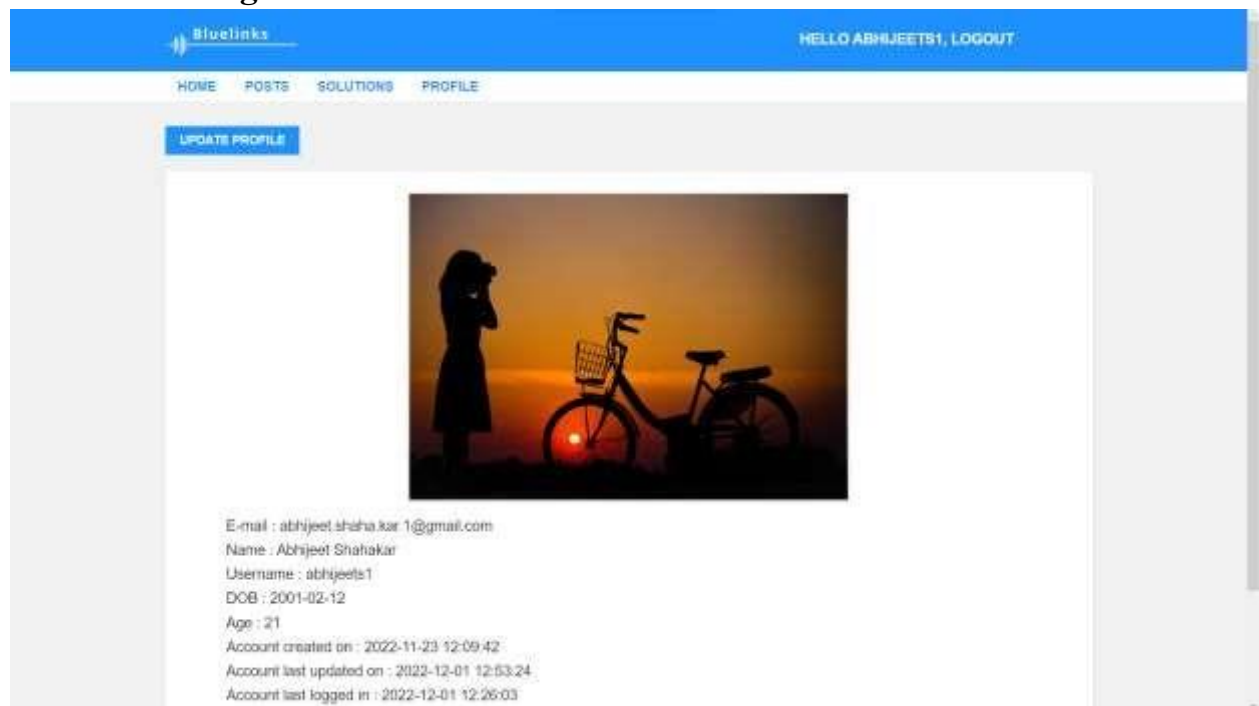- User can add posts related to any categories.

DATA FLOW DIAGRAM:

usersdata
- Uid INT(10)
- Uimg VARCHAR(100)
- Uname VARCHAR(30)
- Udob DATE
- Uage INT(10)
- Ugender CHAR(6)
- Uusername VARCHAR(30)
- Ucreationdt DATETIME
- Upassword VARCHAR(40)
- Uemail VARCHAR(30)
- Ulastlogin DATETIME
- Uprivate TINYINT(1)
- Ulastupdated DATETIME
- solutionsdata_Sid INT(11)
- postsdata_Pid INT(11)
- Indexes

solutionsdata
- Sid INT(11)
- Sdescription TEXT
- Screator INT(11)
- Spid INT(11)
- Screationdt DATETIME
- Simg VARCHAR(100)
- Slastupdated DATETIME
- Indexes

categoriesdata
- Cid INT(11)
- Cname VARCHAR(100)
- Indexes

otpsdata
- Id INT(11)
- Email VARCHAR(100)
- OTP INT(11)
- Creationdt TIMESTAMP
- Indexes

postsdata
- Pid INT(11)
- Ptitle VARCHAR(100)
- Pdescription TEXT
- Pcreator INT(11)
- Pcategory VARCHAR(100)
- Pcreationdt VARCHAR(50)
- Pimg VARCHAR(100)
- Plastupdated DATETIME
- categoriesdata_Cid INT(11)
- Indexes

ER DIAGRAM

OUTPUT

Home page:

Login Page:

User Dashboard Page:

User Profile Page:

E-mail : abhijeet.shaha.kar.1@gmail.com
Name : Abhijeet Shahakar
Username : abhijeets1
DOB : 2001-02-12
Age : 21
Account created on : 2022-11-23 12:09:42
Account last updated on : 2022-12-01 12:53:24
Account last logged in : 2022-12-01 12:26:03

Signup Page:

Solutions Dashboard Page:

CONCLUSION

Our project is only a humble venture to satisfy the needs to manage their project work. Several user-friendly coding have also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the school. The objective of software planning is to provide a frame work that enables the manger to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.

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