

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

New Arts, Commerce and Science College, Parner



Department of Computer Science A Project Report On

“LearnWell”

Submitted to Savitribai Phule Pune University for
Bachelor in Computer Science (Semester – VI)

-: Submitted by :-

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Under the guidance of

Prof.V.R.Fand

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University Of Pune ,Pune 2023-2024



CERTIFICATE

Department of Computer Science

This is to certify that **Mr.Wavhal Sandipan Baba** of **Bachelor in Computer Science Sem-VI** has successfully completed the project titled **“LearnWell”** prescribed by Savitribai Phule University, Pune during academic year 2023-24. He is sincere honest and completes the work allotted to him within stipulated time.

His performance is _____

Date: / /2024

Place: Parner

Project Guidance

Prof. V. R. Fand

HOD

Prof. S. P. Gaikwad

Internal Examiner

External Examiner



CERTIFICATE

Department of Computer Science

This is to certify that **Mr. Bobade Kishor Sudarshan** of **Bachelor in Computer Science Sem-VI** has successfully completed the project titled **“LearnWell”** prescribed by Savitribai Phule University, Pune during academic year 2023-24. He is sincere honest and completes the work allotted to him within stipulated time.

His performance is _____

Date: / /2024

Place: Parner

Project Guidance

Prof. V. R. Fand

HOD

Prof. S. P. Gaikwad

Internal Examiner

External Examiner



CERTIFICATE

Department of Computer Science

This is to certify that **Mr. Chaudhari Saurabh Ravsaheb** of **Bachelor in Computer Science Sem-VI** has successfully completed the project titled "**LearnWell**" prescribed by Savitribai Phule University, Pune during academic year 2023-24. He is sincere honest and completes the work allotted to him within stipulated time.

His performance is _____

Date: / /2024

Place: Parner

Project Guidance

Prof. V. R. Fand

HOD

Prof. S. P. Gaikwad

Internal Examiner

External Examiner

Acknowledgement

We would like to express our sincere gratitude to all those who have contributed to the successful completion of the "LearnWell." This endeavor would not have been possible without the support, guidance, and encouragement from various individuals and organizations.

We extend our sincere thanks to our HOD S.P.Gaikwad Sir, for giving us the opportunity to present this mini project. We are also thankful to our respected guide, Prof. V.R.Fand, for providing valuable insights, constructive feedback, and continuous support throughout the development process. Their expertise and mentorship played a crucial role in shaping the project.

We are also grateful to the entire project team for their dedication, hard work, and collaborative spirit. Each member brought unique skills and perspectives to the table, contributing significantly to the success of the "LearnWell" site.

Finally, we want to express our gratitude to the academic institution for providing the necessary resources and an environment conducive to learning and innovation.

Thank you to everyone who played a role, big or small, in making this "LearnWell" Project a reality.

Mr.Sandipan Wavhal

Mr.Kishor Bobade

Mr.Saurabh Chaudhari

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Introduction:

'LearnWell' is created with an intention to lay the fundamentals of learning in kids. This Web-book begins with an introduction to Alphabets that are the crux of language. Each alphabet page represents 12 different examples of words beginning with it through colourful illustrations. The examples chosen are from our immediate environment which makes it easy for kids to relate.

The middle and the most significant part of the book deals with an orientation to the Living World. This chapter is categorized into Fruits, Vegetables, Flowers, Flag, Great Indian's, Vehicles and Animals followed with an introduction to self. The last chapter on General Knowledge familiarizes kids with the key aspects of the community they live in. The entire content is depicted pictorially with meticulous illustrations which would generate curiosity in kids and keeps them attuned to the subject.

We sincerely believe that, this Web-book would prove to be an efficient medium in acquainting kids to the world around them.

Abstract:

Title :- A LearnWell Platform

Our “LearnWell” platform is designed with a user-friendly approach, emphasizing simplicity and ease of use. The platform includes essential features such as user login, a well-organized dictionary of tracks, and names, fostering a minimalist design for enhanced accessibility. Users can create accounts, log in securely, and explore an extensive collection of tracks spanning various genres. The platform's user-centric focus allows for easy navigation, enabling users to discover new thinks a personalized learn experience. This project report provides insights into the development process, covering design choices, technological aspects, and considerations for user experience.

It also addresses challenges faced during development and outlines potential future enhancements, positioning our platform as a scalable and evolving solution in the dynamic landscape of online Learning.

Scope:

The scope of this “LearnWell” platform project is to create a focused and minimalist digital space for users to access, explore, and enjoy Learning. By limiting the platform's features to user login, track availability, and General Knowledge details, we aim to streamline the user experience, making it accessible to a wide audience. The platform's scope includes the development of a secure and user-friendly interface, ensuring that users can seamlessly navigate through an extensive library of tracks while gaining insights into the Learning.

Key Features:

☐ **Search Functionality:**

- ☐ Robust and intuitive search capabilities to enable users to easily discover their favourite Thinks, Living Animal, and General Knowledge.

☐ **User Profile:**

- Option to update profile information and change password for enhanced security.
- Hassle-free logout functionality for quick and convenient account

☐ **Playlist Management:**

- Creation and management of custom playlists for users to curate their own Learning journeys.
- Collaborative Learn list features, allowing users to share and collaborate on Learn lists with friends.

❖ **Explore Section:**

- Curated and algorithm-driven recommendations for discovering Living Animals, General Knowledge and Thinks.
- Genre-specific exploration options for users to dive into their preferred Thinks categories.
- Dedicated sections for singles and multiple, providing users with easy access to individual tracks or entire collections.
- Detailed information about each single and multiple, including release Living Animals, General Knowledge and Thinks credits.

Technology Stack

□ Frontend:

- HTML/CSS: The fundamental building blocks for structuring and styling the web pages, providing a user-friendly interface.
- JavaScript: Enhancing interactivity, enabling dynamic content updates, and handling client-side functionalities for a responsive and engaging user experience.

□ Backend:

- PHP: Serving as the server-side scripting language to handle user requests, process data, and interact with the database.
- MySQL: A relational database management system used to efficiently store and retrieve user data, playlists, track information, and other relevant content.

□ Web Server:

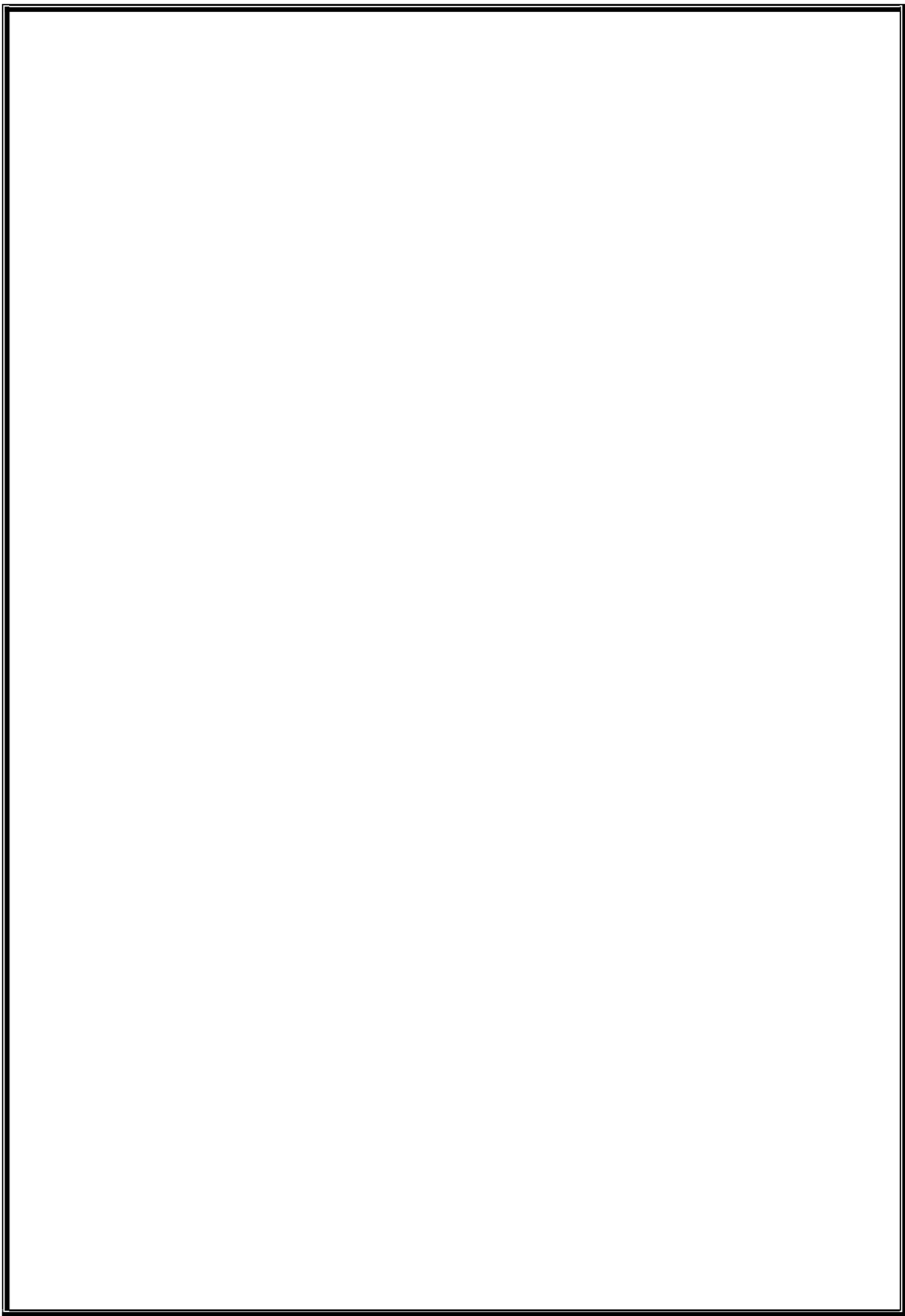
- Apache: Providing a reliable web server environment to host and serve the PHP-based web application.

□ Development Tools:

- Code Editor (Visual Studio Code): Providing a feature-rich environment for writing, editing, and managing code files.
- Database Management Tool (phpMyAdmin): Facilitating database administration, allowing for efficient data manipulation and maintenance.

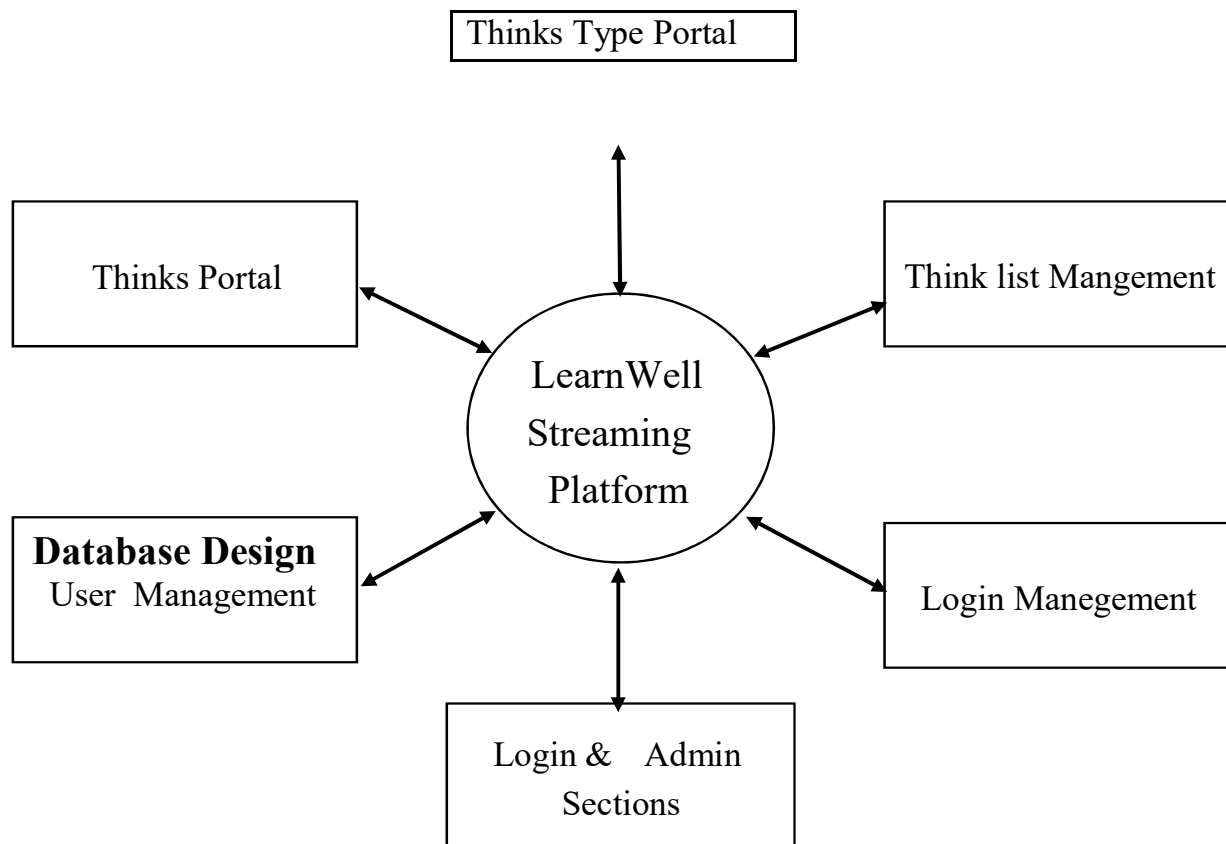
□ JavaScript Libraries/Frameworks:

- jQuery: Simplifying JavaScript programming tasks, enhancing DOM manipulation, and facilitating AJAX for seamless data retrieval.



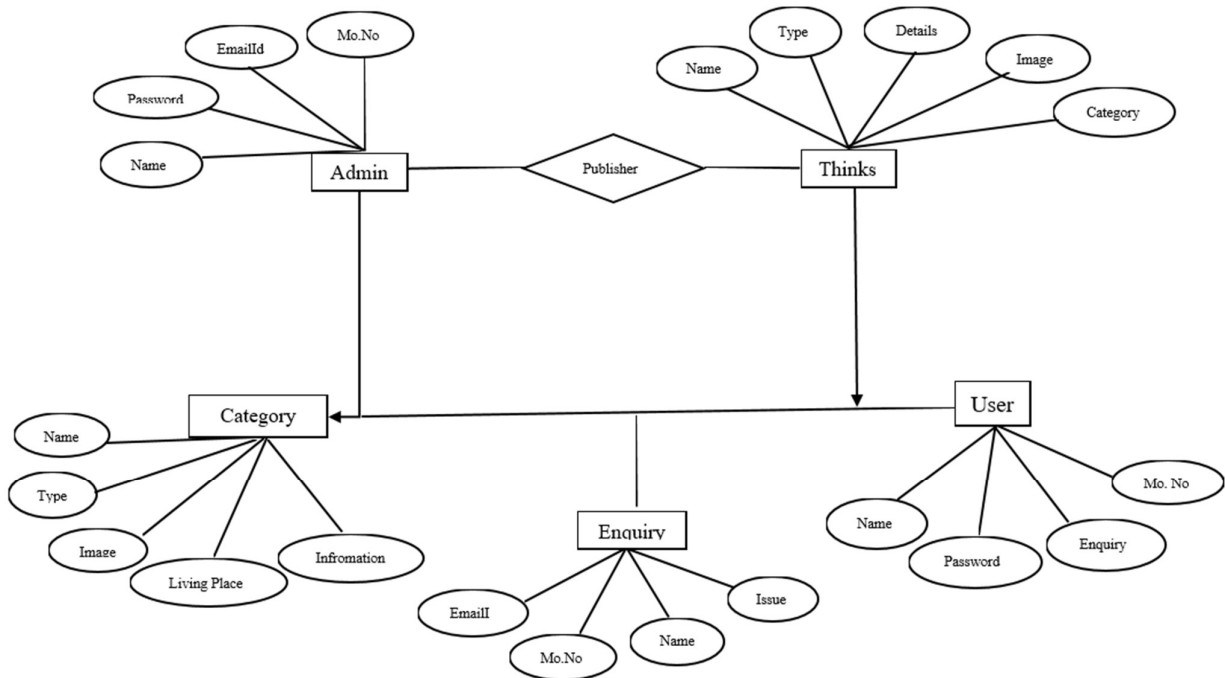
System Design:

1. DFD Diagram



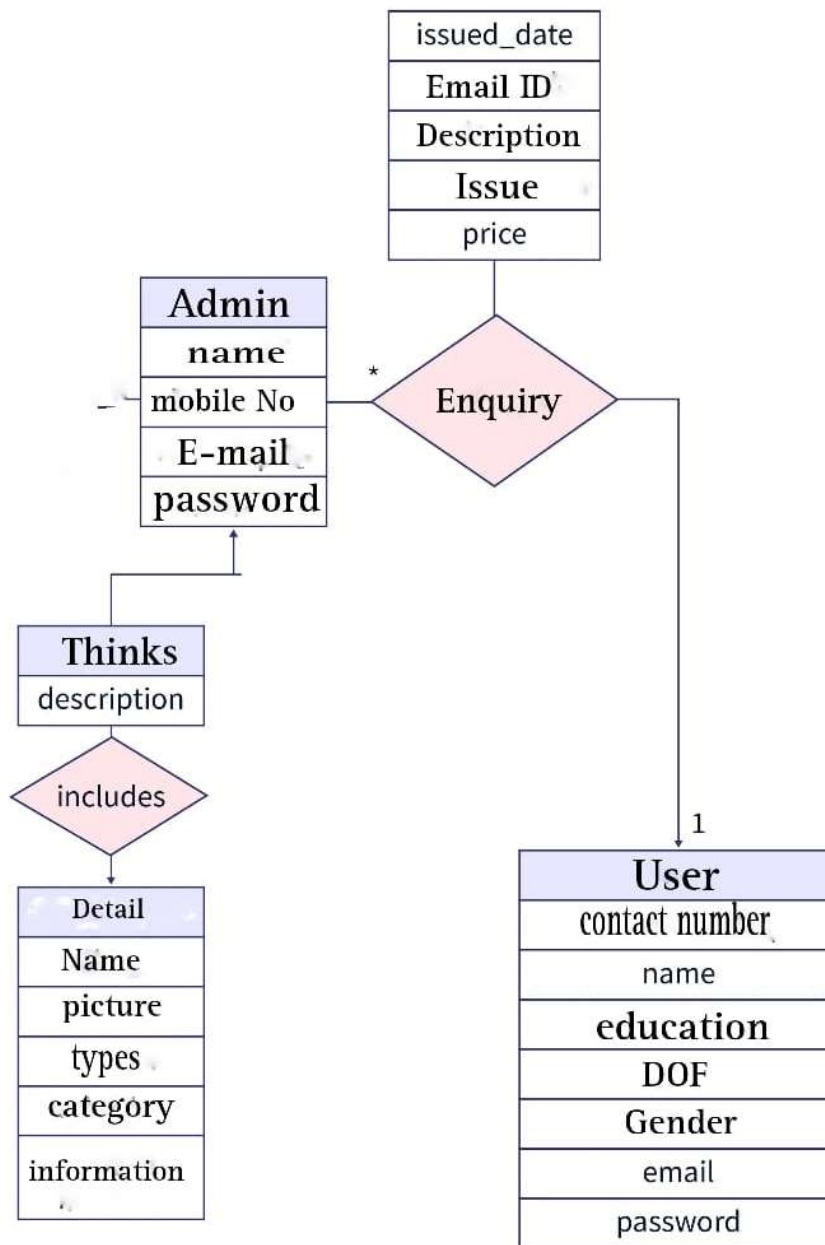
Zero Level DFD - Learning Site

2] ER Diagram

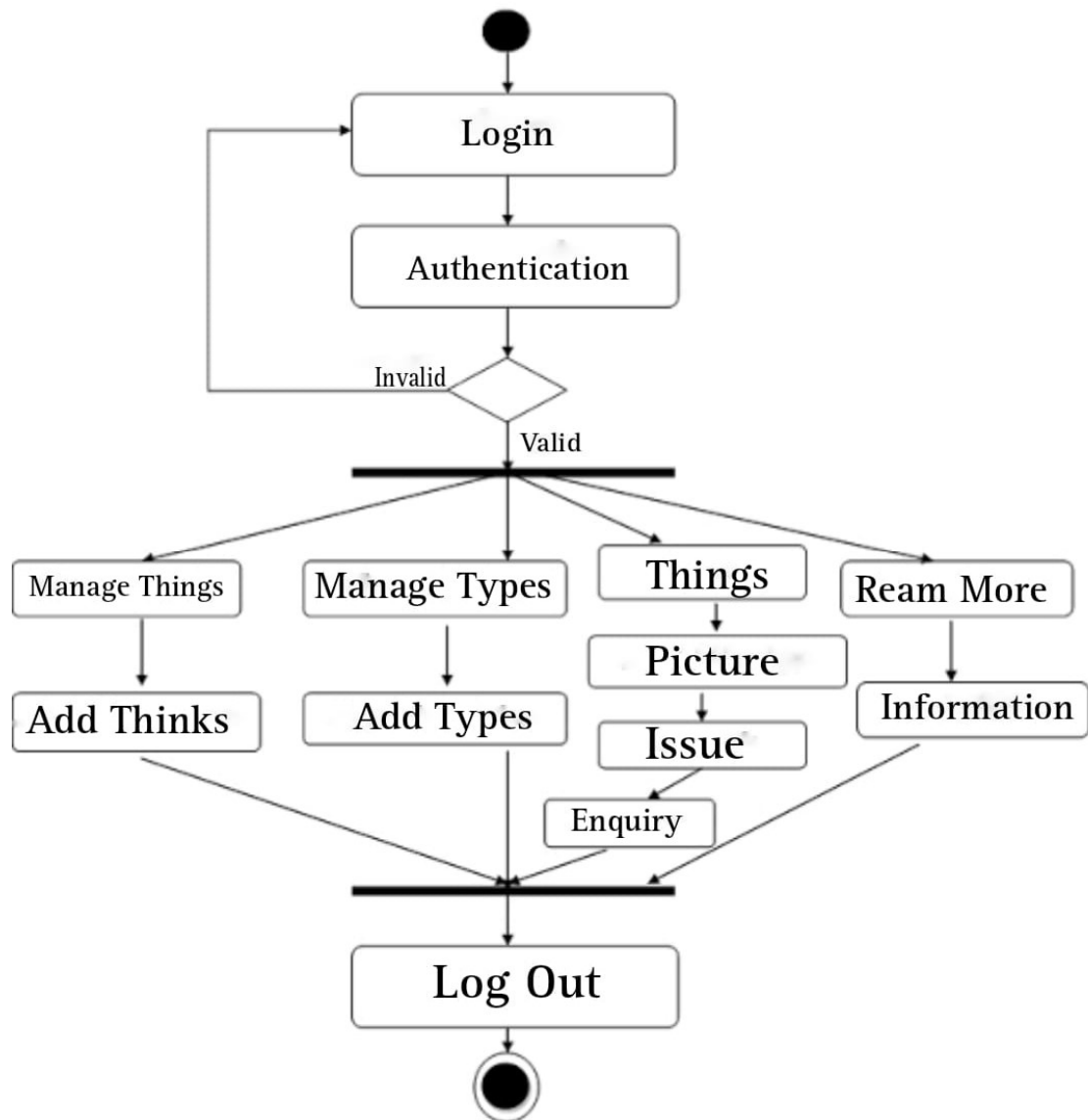


3] UML Diagram:

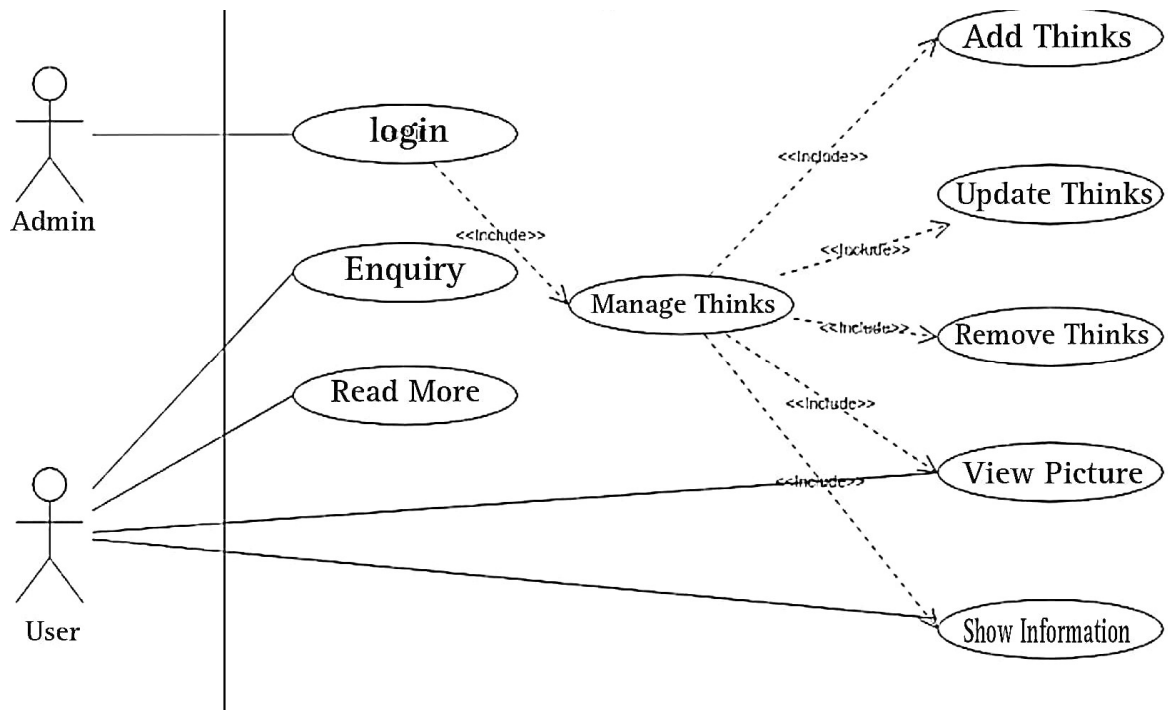
A) Structural Diagram:



B) Behavioural Diagram:

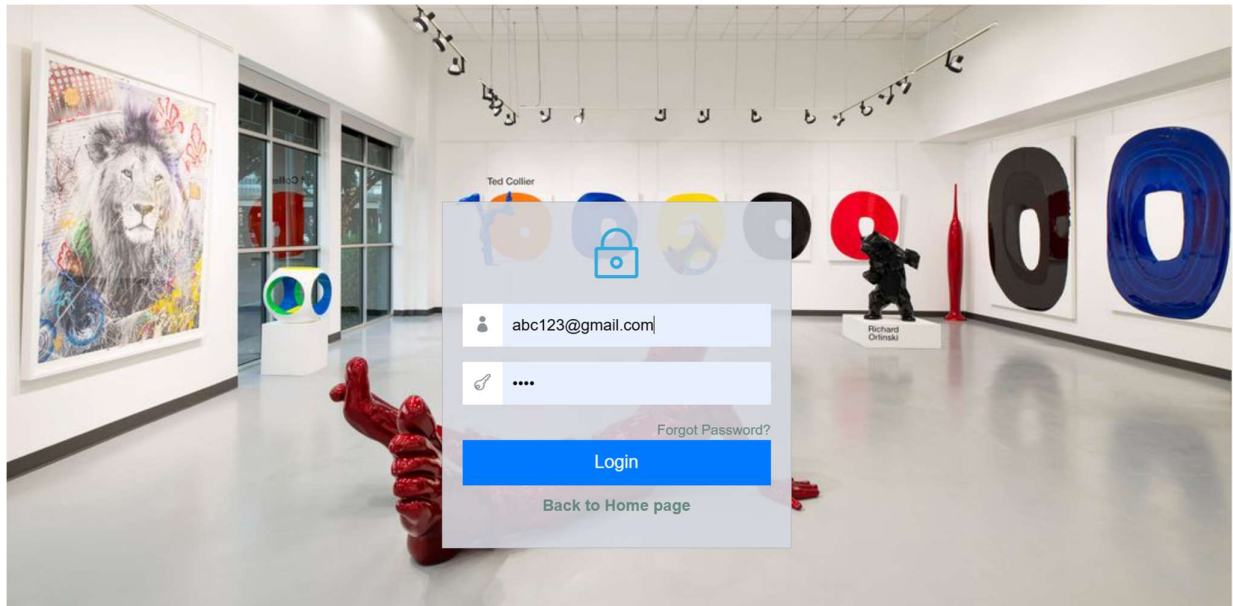


Use Case Diagram:-

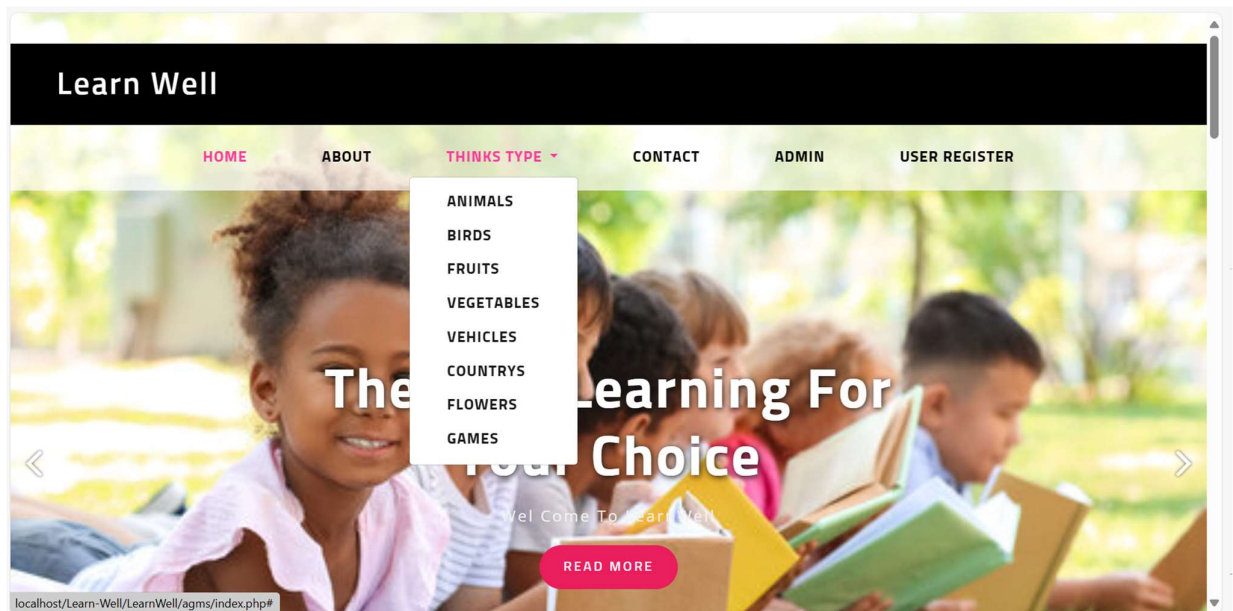


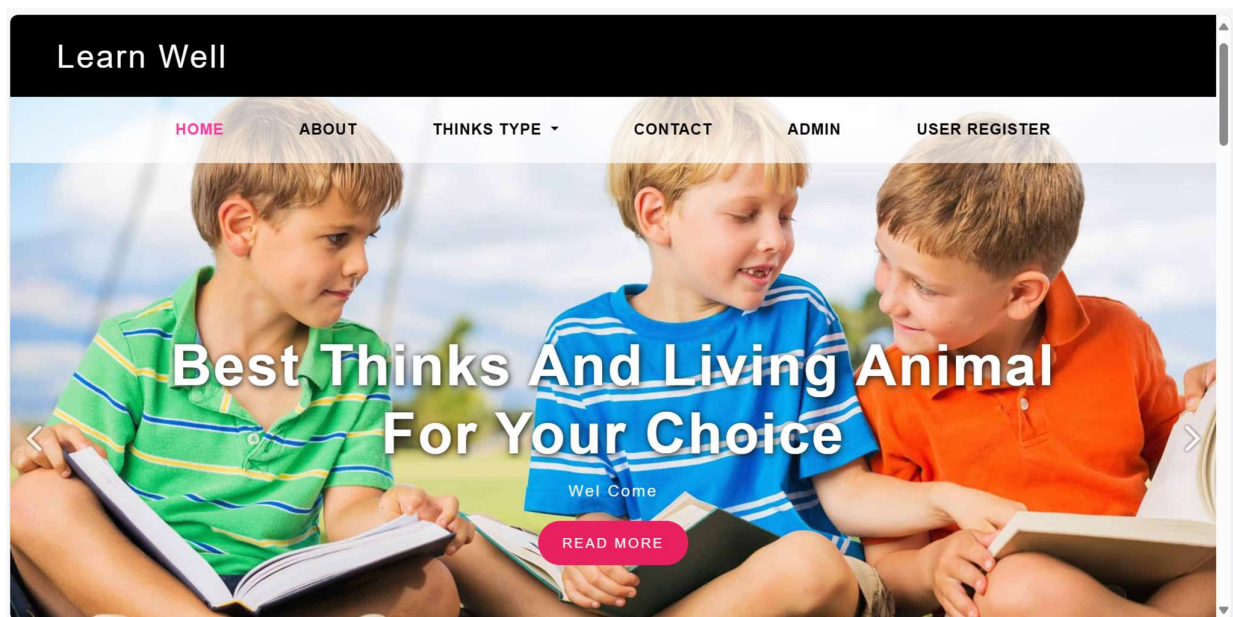
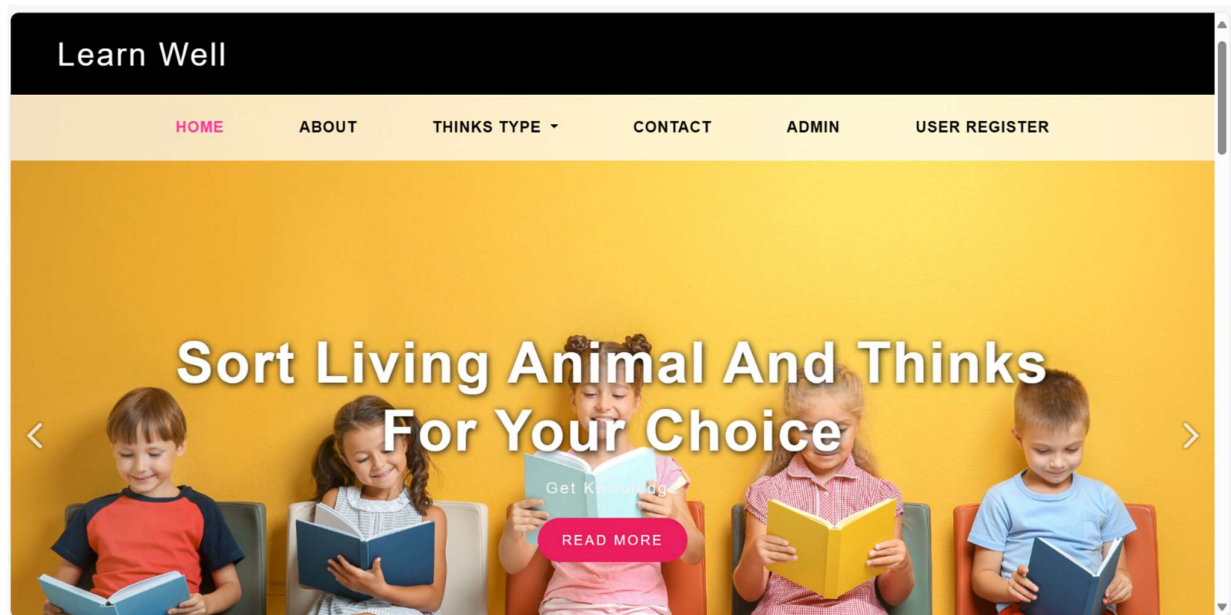
Screenshots

Login Page



Interface





Home Page

Best Thinks



Animals



Birds



Fruits



Vegetables



Flowers



Vehicles



New Thinks



Animals

ENQUIRY



Birds

ENQUIRY



Birds

ENQUIRY

Enquiry

Enquiry

Name

Email

Mobile Number

Message

SEND



Admin

LEARNWELL | ADMIN

0

Admin

Dashboard

Thinks >

think Type >

Medium of Think >

Think Products >

Enquiry >

Search Enquiry

Pages >

DASHBOARD

Home / Dashboard

2

TOTAL THINKS

0

TOTAL UNANSWER ENQUIRY

2

TOTAL ANSWER ENQUIRY

7

TOTAL THINKS TYPE

10

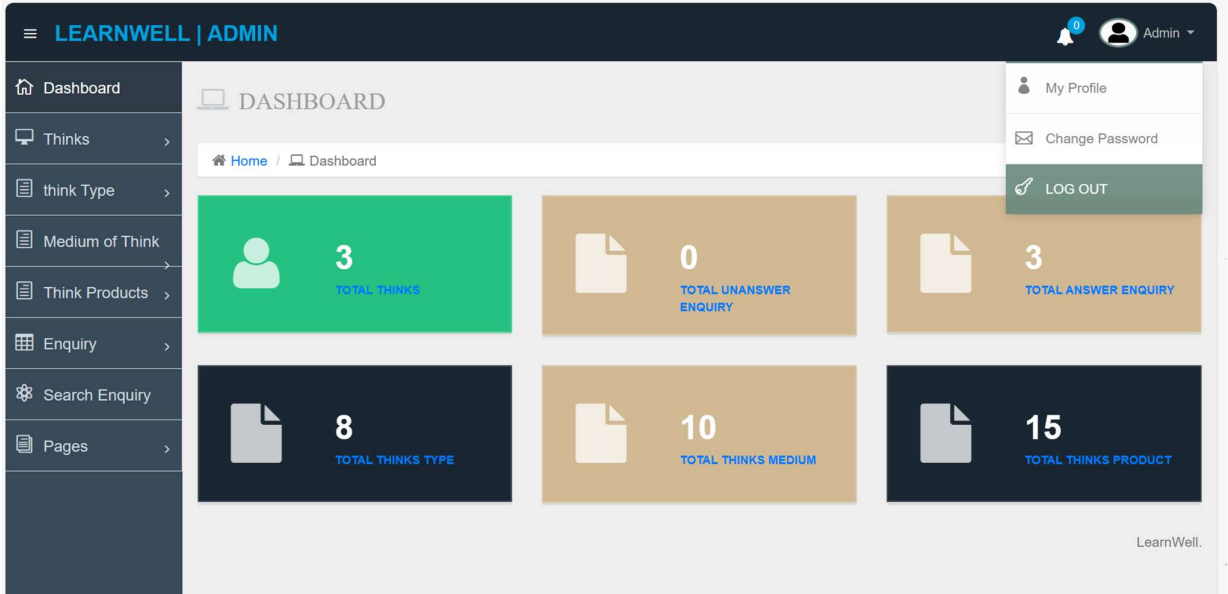
TOTAL THINKS MEDIUM

9

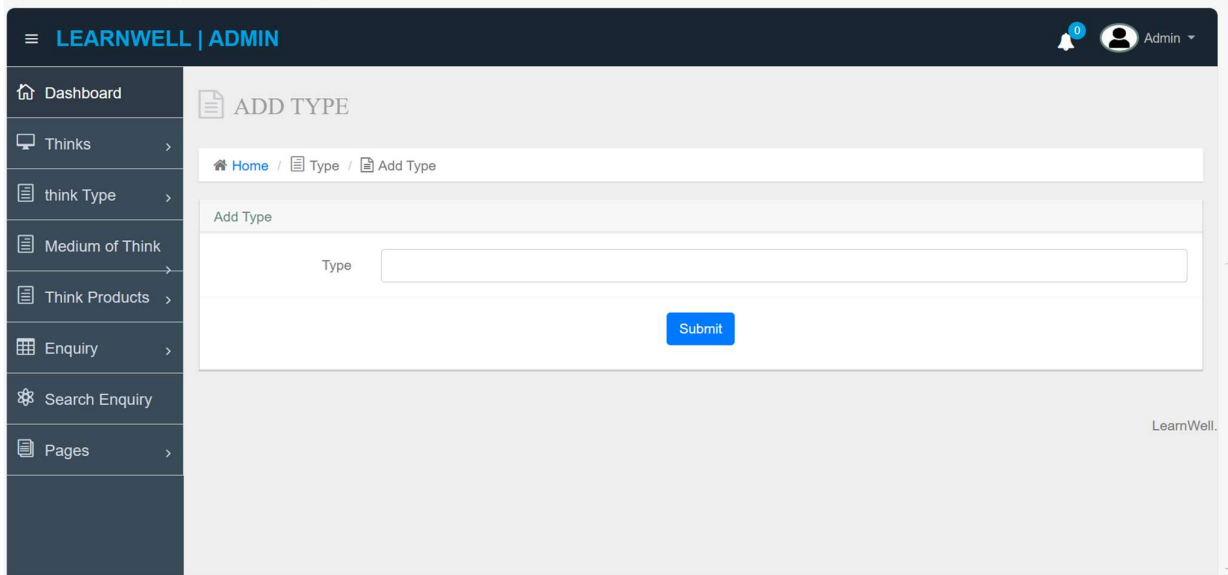
TOTAL THINKS PRODUCT

LearnWell.

Admin Log Out



Add Thinks



LEARNWELL | ADMIN

0

Admin

Dashboard

Thinks

think Type

Medium of Think

Think Products

Enquiry

Search Enquiry

Pages

ADD THINKS DETAIL

Home

 /

Thinks

 /

Thinks Detail

Add Thinks Detail

Title

Featured Image

Choose File

No file chosen

Thinks Image

Choose File

No file chosen

Dimension

Living Place

Choose Place

Size

Choose Size

Choose Admin

Choose Admin

Type

Choose Type

Medium

Choose Medium

Life

LEARNWELL | ADMIN

0

Admin

Dashboard

Thinks

think Type

Medium of Think

Think Products

Enquiry

Search Enquiry

Pages

Add Thinks Detail

Title

Horse

Featured Image

Choose File

hours.jpeg

Thinks Image

Choose File

No file chosen

Dimension

igest living horses, Old Billy, lived for 62 years. There are

Living Place

Land

Size

Medium

Choose Admin

Kishor

Type

Animals

Medium

Vegetarian

Life-Time

40 Year

Thinks Information

Horses start running shortly after they are born.
Horses can sleep while standing up!
One of the longest living horses, Old Billy, lived for 62

Enquiry

LEARNWELL | ADMIN

0

Admin

Dashboard

Thinks

think Type

Medium of Think

Think Products

Enquiry

Search Enquiry

Pages

ANSWER ENQUIRY

Home

 /

Enquiry

 /

Answer Enquiry

Answer Enquiry

| S.NO | Enquiry Number | Full Name | Mobile Number | Enquiry Date | Action |
|------|----------------|------------|---------------|---------------------|-------------------------|
| 1 | 230873611 | Anuj kumar | 1234567890 | 2023-01-02 23:46:47 | <div>View Details</div> |
| 2 | 227883179 | Amit Kumar | 1234434321 | 2023-01-03 00:12:42 | <div>View Details</div> |
| 3 | 756567369 | KISHOR | 3542353456 | 2024-04-08 13:42:17 | <div>View Details</div> |

LearnWell.

Database

phpMyAdmin

Recent

Favorites

New

agmsdb

New

tbladmin

tblartist

tblartmedium

tblartproduct

tblarttype

tblenquiry

tblpage

ccmsdb

information_schema

library

mysql

performance_schema

phpmyadmin

test

Server: 127.0.0.1 » Database: agmsdb » Table: tblartmedium

Browse

Structure

SQL

Search

Insert

Export

Import

Privileges

Operations

Triggers

Showing rows 0 - 9 (10 total, Query took 0.0003 seconds.)

SELECT * FROM `tblartmedium`

Profiling

Edit inline

Edit

Explain SQL

Create PHP code

Refresh

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

Extra options

ID

ArtMedium

CreationDate

| | | |
|------------------------------------------------------------|--------------------|---------------------|
| <div><div>Edit</div><div>Copy</div><div>Delete</div></div> | 14 Vegetarian | 2024-04-07 15:14:02 |
| <div><div>Edit</div><div>Copy</div><div>Delete</div></div> | 15 Non-Vegetarian | 2024-04-07 15:14:20 |
| <div><div>Edit</div><div>Copy</div><div>Delete</div></div> | 16 Water-Vehicle | 2024-04-07 15:14:55 |
| <div><div>Edit</div><div>Copy</div><div>Delete</div></div> | 17 Land-Vehicle | 2024-04-07 15:15:12 |
| <div><div>Edit</div><div>Copy</div><div>Delete</div></div> | 18 Flying Vehicle | 2024-04-07 15:15:34 |
| <div><div>Edit</div><div>Copy</div><div>Delete</div></div> | 19 Wild-Animal | 2024-04-07 22:49:16 |
| <div><div>Edit</div><div>Copy</div><div>Delete</div></div> | 20 Domestic-Animal | 2024-04-07 22:49:31 |
| <div><div>Edit</div><div>Copy</div><div>Delete</div></div> | 21 Out-Door Game | 2024-04-07 22:49:54 |
| <div><div>Edit</div><div>Copy</div><div>Delete</div></div> | 22 In-Door Game | 2024-04-07 22:50:02 |
| <div><div>Edit</div><div>Copy</div><div>Delete</div></div> | 23 Country -Flag | 2024-04-07 22:51:26 |

phpMyAdmin

Recent Favorites

agmsdb

tbladmin

Showing rows 0 - 0 (1 total, Query took 0.0003 seconds.)

SELECT * FROM `tbladmin`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

| | ID | AdminName | UserName | MobileNumber | Email | Password | AdminRegdate |
|--------------------------|----|-----------|----------|--------------|-------------------|----------------------------------|---------------------|
| <input type="checkbox"/> | 1 | Admin | admin | 987654331 | tester1@gmail.com | f925916e2754e5e03f75dd58a5733251 | 2022-12-29 11:51:53 |

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Console

phpMyAdmin

Recent Favorites

agmsdb

tblarttype

Showing rows 0 - 7 (8 total, Query took 0.0004 seconds.)

SELECT * FROM `tblarttype`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

| | ID | ArtType | CreationDate |
|--------------------------|----|------------|---------------------|
| <input type="checkbox"/> | 10 | Animals | 2024-04-07 15:09:05 |
| <input type="checkbox"/> | 11 | Birds | 2024-04-07 15:09:54 |
| <input type="checkbox"/> | 12 | Fruits | 2024-04-07 15:10:22 |
| <input type="checkbox"/> | 13 | Vegetables | 2024-04-07 15:11:16 |
| <input type="checkbox"/> | 14 | Vehicles | 2024-04-07 15:11:30 |
| <input type="checkbox"/> | 15 | Countrys | 2024-04-07 15:11:46 |
| <input type="checkbox"/> | 16 | Flowers | 2024-04-07 15:12:07 |
| <input type="checkbox"/> | 17 | Games | 2024-04-08 10:43:20 |

Check all | With selected: Edit Copy Delete Export

Console | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Future Enhancements

1. **Admin Login:** Admin can upload and manage their discography, update biographical information, and engage with their Children base.
2. **Label Login:** Implement a separate login system for thinks labels, providing them with tools to manage their signed thinks, track performance metrics, and contribute to promotional activities on the platform.
3. **Social Integration:** Integrate social media features to allow users, thinks, and labels to share Thinks types, thinks lists, and achievements on external platforms. This promotes community engagement and expands the platform's reach.
4. **Offline Listening:** Enable users to download tracks for offline learning, enhancing accessibility for users in areas with limited internet connectivity or during travel.

These future enhancements aim to elevate the learning platform by incorporating advanced features for thinks, title, and information. By expanding functionality and embracing technological advancements, the platform can stay competitive and continually offer an enriched experience to its diverse user base.

- Balanced security measures with user convenience.

- Database Optimization:

- Designed an efficient database schema.

- Implemented query optimization for quick data retrieval.

- Responsive User Interface:

- Developed an intuitive and responsive design.

- Conducted iterative user testing for usability improvements.

- Infrastructure Scalability:

- Ensured robustness and scalability for growing data.

- Implemented effective caching mechanisms.

- Optimized database indexing for optimal performance.

These challenges, when detailed successfully, contributed to the creation of a seamless and user-friendly thinks portal platform.

Conclusion

Our Learning site, with features like user login, extensive track library, and thinks information, ensures a personalized and diverse learning experience. The project prioritizes user-friendliness, performance optimization, and responsive design. Moving forward, we aim to continually improve and innovate, taking user feedback into account, and expanding features to create a vibrant learn community. In essence, our platform harmoniously blends technology and admin, fostering a universal love for Learn Well.

References

Draw.Ai : <https://app.diagrams.net/>

BlackBox AI : <https://www.blackbox.ai/>

XAMPP: <https://www.apachefriends.org/index.html>

PhpMyAdmin : <https://www.phpmyadmin.intern.net/>

ChaGPT : <https://www.chat.openai.com/>