



DEPARTMENT OF
"BACHELOR BUSINESS ADMINISTRATION (COMPUTER APPLICATION)"
NESS WADIA COLLEGE OF COMMERCE, PUNE
ACADEMIC YEAR 2023-24
SEMESTER-IV
PROJECT REPORT
ON
Codies
"Coding Forum"
SUBMITTED TO
SAVITRIBAI PHULE PUNE UNIVERSITY
SUBMITTED BY
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ABSTRACT

Coding forums represent vital hubs within the digital landscape, fostering collaboration, knowledge exchange, and community building among programmers worldwide. This abstract encapsulates the essence and importance of coding forums in a concise manner.

These forums serve as vibrant ecosystems where individuals of all skill levels converge to seek assistance, share insights, and engage in technical discourse across diverse programming domains. Structurally, they offer a myriad of features including discussion threads, subforums, and reputation systems, facilitating efficient communication and content organization.

Covering a wide array of topics such as programming languages, frameworks, and software development methodologies, coding forums cater to the diverse interests and expertise levels within the coding community. They not only provide a platform for troubleshooting technical challenges but also foster continuous learning and skill enhancement.

Furthermore, coding forums promote collaboration through open-source projects, code reviews, and constructive feedback mechanisms, thereby driving innovation and collective problem-solving.

While navigating socio-technical dynamics such as community governance and moderation, coding forums strive to maintain inclusive and respectful environments conducive to fruitful discussions.

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INTRODUCTION

Welcome to our Coding Forum, a dynamic online community dedicated to resolving real-world human problems through the power of coding. In an increasingly digital age, coding has become a versatile tool for tackling a wide range of challenges, from automating repetitive tasks to developing innovative solutions. Our forum provides a collaborative space where individuals from diverse backgrounds come together to share knowledge, expertise, and ideas.

Whether you're a seasoned developer, a coding enthusiast, or someone looking to learn the ropes, you'll find a welcoming environment here. Our community thrives on the principles of mutual support, respect, and inclusivity. No problem is too big or too small; whether it's troubleshooting a bug, brainstorming a new project, or seeking advice on best practices, our members are here to help.

By harnessing the collective wisdom of our community, we aim to empower individuals to overcome challenges, unlock new possibilities, and make a positive impact in the world. Join us on this exciting journey of exploration, collaboration, and problem-solving. Together, let's harness the transformative potential of coding to address the pressing issues facing humanity today. Welcome to our Coding Forum – where innovation meets compassion, and every line of code has the power to make a difference.

PROBLEM STATEMENT

In the current system, many people face everyday problems that could be solved with coding. These problems might be small, like organizing tasks or tracking expenses, but they still make life harder. Right now, there aren't many places where people can talk about these issues and find solutions using coding.

Without a good place to ask for help, people might feel stuck with their problems. They might waste time trying to fix things on their own or just give up because it's too hard.

Our Coding Forum wants to change that. We want to create a friendly space where anyone can talk about their everyday problems and find coding solutions. Whether it's making a simple tool or a helpful app, we believe coding can make life easier for everyone.

By bringing people together and sharing ideas, we can make life better for everyone. Let's use coding to solve the small problems that make life harder than it needs to be. Join us in finding simple, smart solutions to everyday challenges.

PURPOSE OF PROJECT

Our project is all about making coding easier for everyone. We understand that coding can be tough sometimes, especially when you're just starting out or when you encounter tricky problems. That's why we created this platform—to help you overcome those challenges and become a better coder.

Whether you're a beginner or an experienced developer, our goal is to provide a supportive community where you can ask questions, get help, and learn from others. We believe that by working together, we can tackle even the most complex coding problems.

Our platform is a place where no question is too basic and no problem is too difficult. We welcome everyone, regardless of their level of expertise, and encourage collaboration and sharing of knowledge. By doing so, we hope to create a welcoming and inclusive environment where everyone feels valued and supported.

Through discussions, tutorials, and resources, we aim to break down coding concepts into simple, easy-to-understand explanations. Our goal is to demystify coding and make it accessible to anyone who wants to learn.

In essence, our project is about more than just coding—it's about empowering people to overcome challenges, learn new skills, and grow as developers. So whether you're struggling with a bug, trying to understand a new programming language, or just looking for inspiration, we're here to help you every step of the way. Join us on this journey, and together, we can conquer coding problems and achieve great things.

PROJECT SCOPE AND LIMITATIONS

Scope:

Our project aims to help people overcome coding challenges, regardless of their skill level. We provide support for troubleshooting bugs, understanding coding concepts, and sharing knowledge. We cover a wide range of programming languages, frameworks, and tools to ensure relevance. Additionally, we offer educational resources like tutorials and guides for continuous learning. Our platform fosters inclusivity and diversity, welcoming everyone to participate in our supportive community. Ultimately, our goal is to empower individuals to succeed in coding by providing effective solutions and creating a positive learning environment.

Project Limitations:

While our project strives to address a variety of coding challenges, it's important to acknowledge its limitations. We may not have solutions for every coding problem, especially those related to very specialized or niche areas. Additionally, our community relies on the knowledge and contributions of its members, so responses may vary in accuracy and timeliness. Furthermore, we may not always cover the latest technologies or trends, as our resources are finite. Despite these limitations, we remain committed to providing valuable support and resources to our community, continually striving to improve and expand our offerings.

SYSTEM ANALYSIS

EXISTING SYSTEM

Before our project, individuals facing coding challenges often relied on scattered resources like online tutorials or forums with varying degrees of reliability. These systems lacked a cohesive community and consistent support. Our platform addresses these shortcomings by providing a centralized hub where users can find reliable assistance, share knowledge, and collaborate effectively. By offering a structured and inclusive environment, we streamline the process of resolving coding problems and empower individuals to succeed in their coding endeavors. Our existing system aims to bridge the gap between confusion and clarity, fostering a supportive community for all levels of coders.

Drawbacks of existing system

- Lack of consistency and reliability in existing resources for resolving coding problems.
- Scattered online tutorials and forums make it difficult to find accurate information quickly.
- Absence of a cohesive community leads to isolation among users in their coding journey.
- Limited opportunities for collaboration and support within the existing system.
- Varying quality of assistance results in inconsistent solutions to coding challenges.

Features

- User-friendly Interface
- Search Functionality
- Community Interaction
- Real-time Assistance
- Feedback Mechanism

FEASIBILITY STUDY

A feasibility study for a Coding forum website would typically assess the technical, economic, and operational viability of the project. Here are some considerations for each of these areas:

❖ Technical Feasibility :

- Platform Scalability: Assessing the capability of the platform to handle increasing user traffic and content.
- Integration Potential: Evaluating the feasibility of integrating various tools and technologies to enhance user experience and functionality.
- Security Measures: Implementing robust security measures to protect user data and ensure privacy.

❖ Economic Feasibility :

- Cost Analysis: Conducting a thorough analysis of development, maintenance, and operational costs to ensure sustainability.
- Revenue Generation: Exploring potential revenue streams such as advertisements, premium memberships, or partnerships.
- Return on Investment (ROI): Assessing the financial viability and potential returns of the project.

❖ Operational Feasibility :

- User Adoption: Determining the likelihood of user acceptance and adoption of the platform based on market research and user feedback.
- Resource Availability: Ensuring availability of necessary resources, including manpower, technology, and infrastructure.
- Workflow Efficiency: Evaluating the efficiency of operational processes and workflows to ensure smooth functioning of the platform.

Overall, the feasibility of the project would depend on a variety of factors, including the availability of suitable technology and expertise, the level of user demand and competition in the market, and the economic viability of the project.

IMPLEMENTATION DETAILS

SOFTWARE REQUIREMENTS

Front End: HTML, CSS, JavaScript, Bootstrap & jQuery

Back End: PHP, MySQL

Platform: Windows 10, Visual Studio, Google Chrome, Microsoft Edge

HARDWARE REQUIREMENTS

The minimum requirements of hardware are as follows-

Processor: Intel(R) Core(TM) i3-4200U CPU @ 1.60GH 1.0 GH

RAM: 2GB

HDD: 512GB and above

SSD: 128GB (optional)

Monitor.

Internet connection.

SYSTEM DESIGN

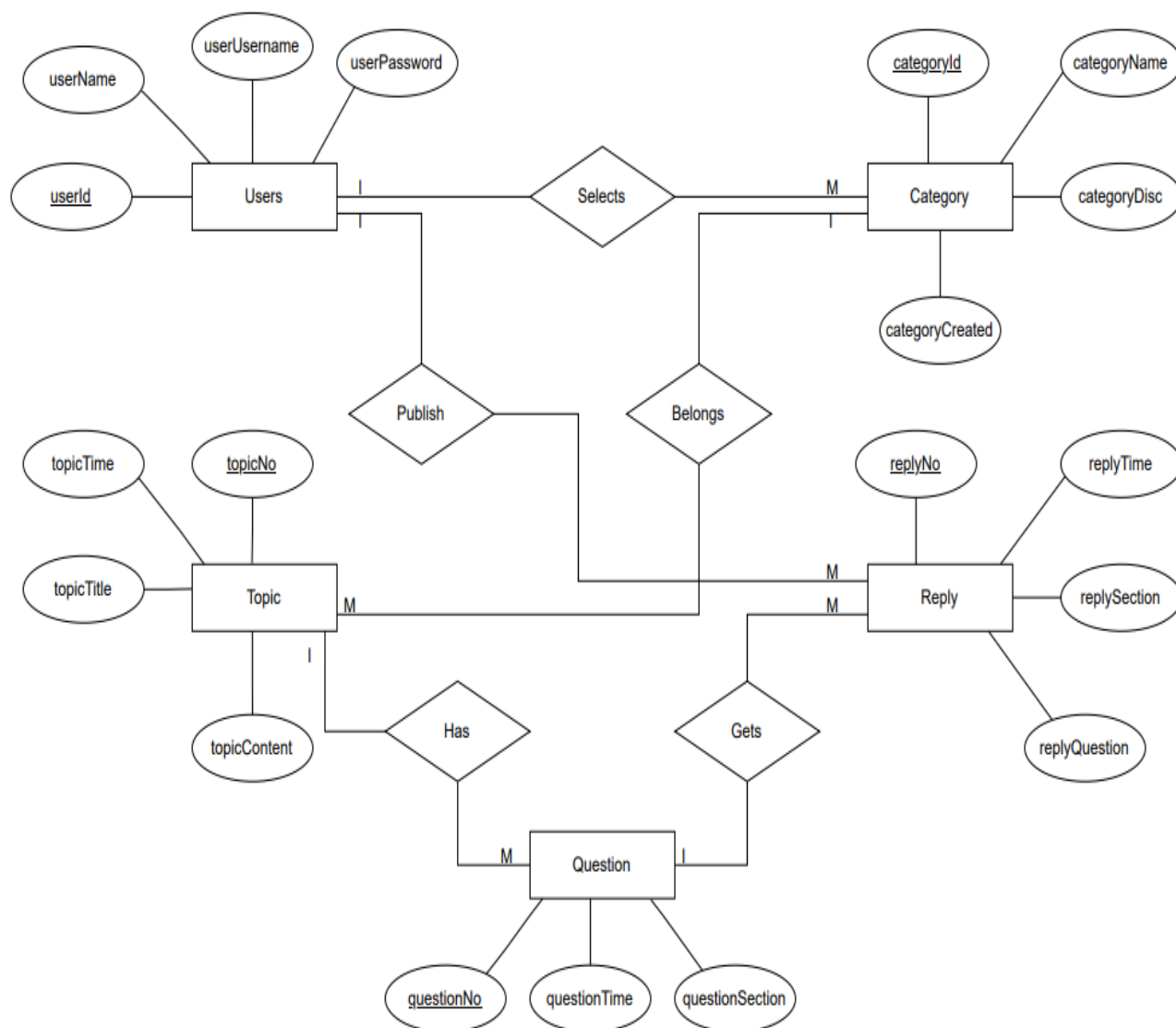
System Design is the first step into the development phase for any engineered product or system. Design is a creative process. A good design is the key to an effective system. The term "design" is defined as "the process of applying various techniques and principles for the purpose of defining a process or a system is sufficient".

ER DIAGRAM

ER diagrams are used in database design to represent the structure of a database system. They provide a visual representation of entities (objects), their attributes (properties), and the relationships between entities.

- **Entities:** Entities are objects or concepts in the real world that can be uniquely identified and stored in a database. Each entity is represented by a rectangle in an ER diagram and is labeled with its name.
- **Attributes:** Attributes are characteristics or properties of an entity. They describe the data that can be associated with an entity. Attributes are depicted as ovals or ellipses connected to their corresponding entity rectangle.
- **Relationships:** Relationships illustrate the associations between entities. They represent how entities are connected or related to each other. Relationships are represented by diamonds or rhombuses in an ER diagram, and they are labeled to describe the nature of the relationship (e.g., one-to-one, one-to-many, many-to-many).

FOLLOWING IS THE ER-DIAGRAM OF THE SYSTEM
'Coding Forum'



DATA FLOW DIAGRAM

A Data Flow Diagram (DFD) is a graphical representation of the flow of data within a system or process. It illustrates how data is input, processed, stored, and outputted. DFDs are commonly used in systems analysis and design to understand and communicate the data flow and processes involved in a system.

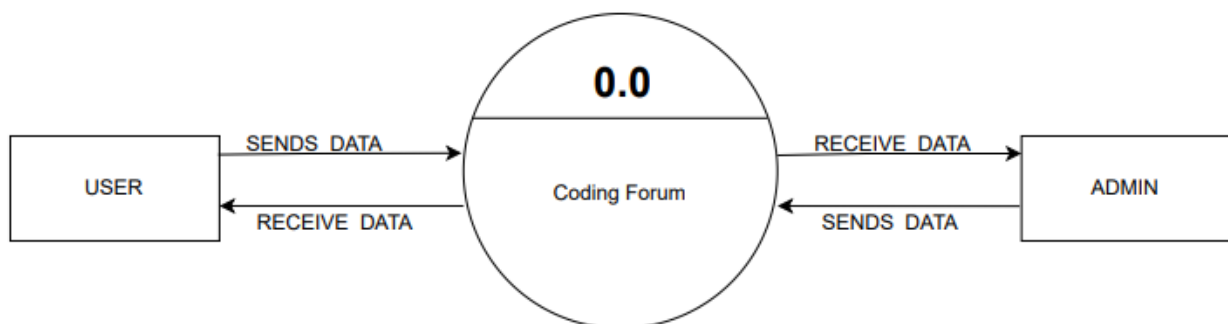
Context Level DFD:

- A Context Level Data Flow Diagram (DFD), also known as a Level 0 DFD.
- It provides an overview of the entire system or process being modeled.
- It illustrates the interactions between the system and external entities, without going into the internal details of the system.

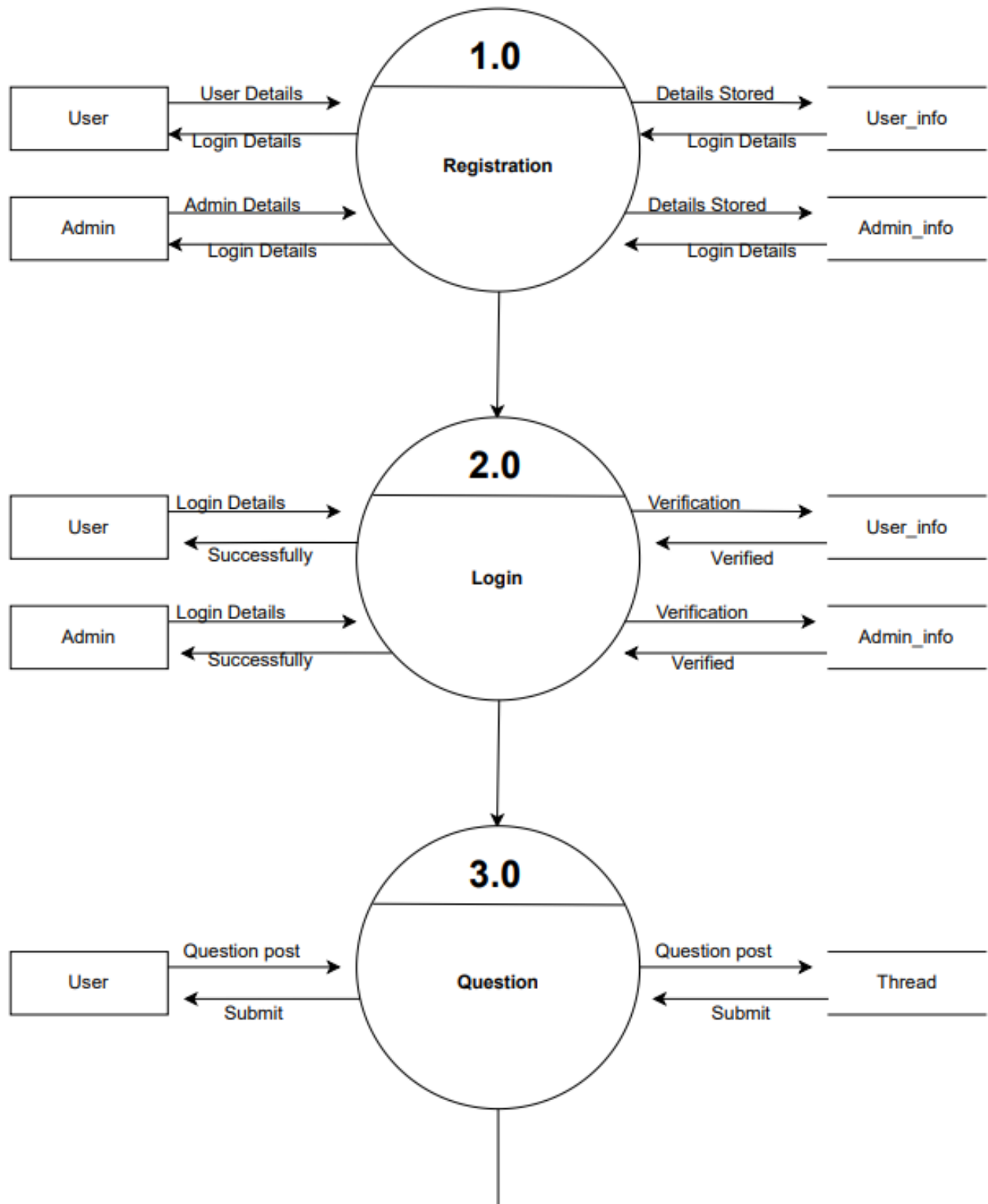
First Level DFD:

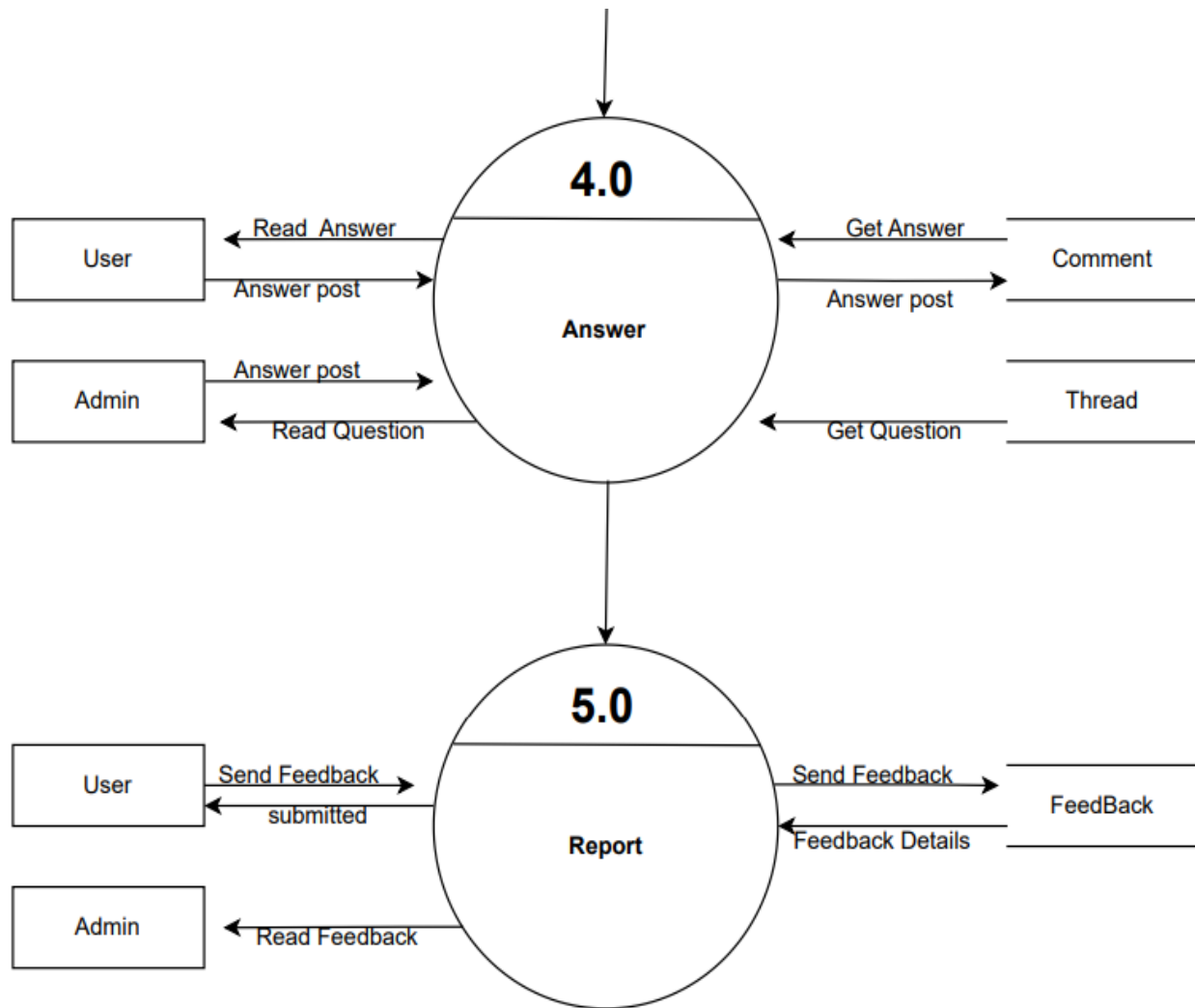
- The Level 1 Diagram further decomposes each major process from the Level 0 Diagram into sub-processes or subprocesses.
- It provides a more detailed view of the system's functionality and the data flows between the processes.
- The Level 1 Diagram may also show data stores where data is stored temporarily or permanently.

➤ **CONTEXT LEVEL DFD (0th LEVEL) :**



➤ DFD LEVEL 1:





DATA DICTIONARY :

A data dictionary is a centralized repository or documentation that provides detailed information about the data elements (e.g., attributes, fields, variables) used in a system or database. It serves as a reference for understanding the structure, characteristics, and usage of the data within an organization.

adminaccept

Column	Type	Null	Default	Links to	Comments	Media type
sno (Primary)	int(11)	No				
adminUsername	varchar(255)	No				
adminPass	varchar(255)	No				

adminrequest

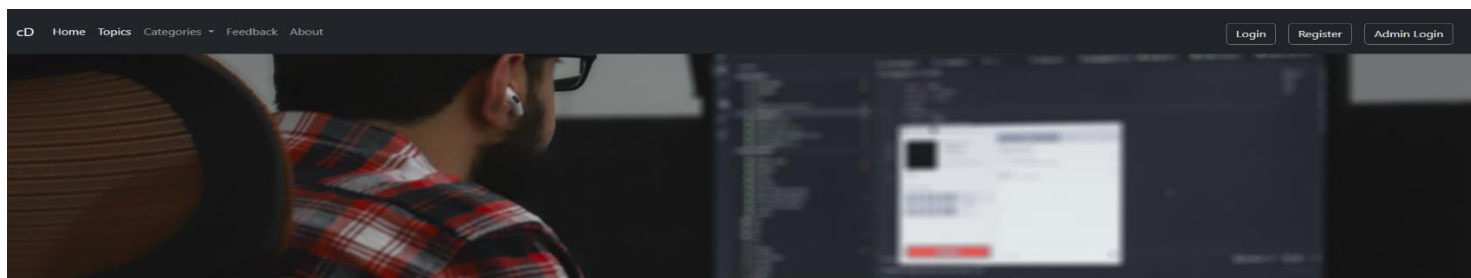
Column	Type	Null	Default	Links to	Comments	Media type
adminNo (Primary)	int(255)	No				
adminName	varchar(255)	No				
adminType	varchar(255)	No				
adminLanguage	varchar(255)	No				
adminExpiience	varchar(255)	No				
adminFrom	varchar(255)	No				
adminAbout	varchar(255)	No				
adminEmail	varchar(255)	No				
adminTime	datetime	No	current_timestamp()			
adminUsername	varchar(255)	No				
adminPfp	varchar(100)	No				

users

Column	Type	Null	Default	Links to	Comments	Media type
sno (Primary)	int(11)	No				
user_email	varchar(60)	No				
user_username	varchar(111)	No				
user_pass	varchar(255)	No				
timestamp	datetime	No	current_timestamp()			
user_name	varchar(255)	No				
user_img	varchar(100)	No				

SCREENSHOTS

❖ HOME PAGE



PHP

[Ask Question](#)



HTML

[Ask Question](#)



Python

[Ask Question](#)

[More ...](#)

Forum privacy

Forum privacy can be public, moderated, or private. Public forums are open to everyone, moderated forums have some control over content, and private forums require invitation or specific credentials. To maintain privacy, use a non-identifying username, avoid sharing personal information, respect forum rules, and report any privacy breaches.



User-friendly experience

To create a user-friendly experience in online forums, focus on clear navigation, responsive design, search functionality, an intuitive interface, personalization, accessibility, informative onboarding, active moderation, regular updates, and user feedback. This will help engage users, promote positive interactions, and maintain a welcoming environment.



[Back to top](#)

❖ REGISTRATION PAGE

[cD](#) [Home](#) [Topics](#) [Categories](#) ▾ [Feedback](#) [About](#)[Login](#)[Register](#)[Admin Login](#)

Registration

Name

q

Name should be at least 3 characters long.

Username

q

Name should be at least 4 characters long.

Email address

q

We'll never share your email with anyone else.

Please enter a valid email address.

Profile

Choose File

No file chosen

Password

Your password must be 8-20 characters long, contain letters and numbers, and must not contain spaces, special characters, or emoji.

Confirm Password

[Sign up](#)*Already Have an Account?* [Login as User](#)

❖ LOGIN PAGE

Login to Codies as User

Username

Password

Log in

Don't have an Account? [SignUp as User](#)

❖ LOGIN ERROR

cD Home Topics Categories ▾ Feedback About

Login

Register

Admin Login

Error ! Username not found try again Click to [Signup](#)



Login to Codies as User

Username

Password

Log in

Don't have an Account? [SignUp as User](#)

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❖ TOPIC PAGE

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PHP

PHP is a general-purpose scripting language geared towards web development. It was originally created by Danish-Canadian...

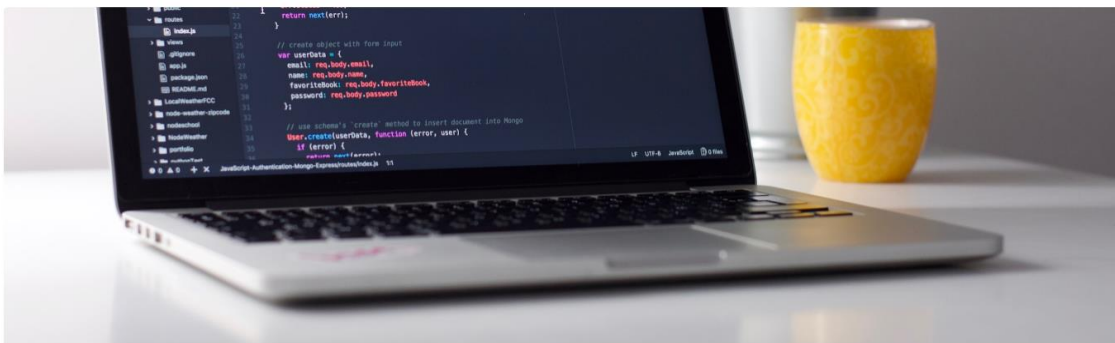
Created 2024-03-20 23:32:16 ago

[Ask Question](#)

HTML

HyperText Markup Language or HTML is the standard markup language for documents designed to be displayed in a web browse...

Created 2024-03-20 23:32:16 ago

[Ask Question](#)[1](#) [2](#) [3](#) [Next](#)

❖ QUESTION ASK

cD Home Topics Categories Feedback About



Welcome to PHP forums

PHP is a general-purpose scripting language geared towards web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1993 and released in 1995. The PHP reference implementation is now produced by the PHP Group.

This is a peer to peer forum for sharing knowledge with each other .
Don't post anything that a reasonable person would consider offensive, abusive, or hate speech.
Keep it clean. Don't post anything obscene or sexually explicit.
Respect each other.
Respect our forum.

Start a discussion

Problem Title

Keep your title as short and crisp as possible

Elaborate Your Problem

Browse Questions



Babu111

2024-03-20 23:36:48

[What is php](#)

can you explain me



Gaurav12

2024-03-20 23:44:03

[What are the uses of PHP?](#)

explain



❖ ANSWER POST

[cD](#) [Home](#) [Topics](#) [Categories](#) [Feedback](#) [About](#)

What is php

can you explain me

This is a peer to peer forum for sharing knowledge with each other .
Don't post anything that a reasonable person would consider offensive, abusive, or hate speech.
Keep it clean. Don't post anything obscene or sexually explicit.
Respect each other.
Respect our forum.

Posted by: *Babu111*

Post a comment

Type your comment

Discussions



Solution by: *ankur12* at 2024-03-20 23:46:24 Rating - ★★★★★

PHP is the general-purpose programming language used to design a website or web application. It is server-side scripting language embedded with HTML to develop a Static website, Dynamic website or Web applications. It was created by Rasmus Lerdorf in 1994.

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❖ FEEDBACK PAGE

cD Home Topics Categories ▾ Feedback About

Login

Register

Admin Login

How can we improve?

Name

Email address

We'll never share your email with anyone else.

Subject

Your message

Send

Top Feedback

This is a good forum



Great platform



The community is very supportive and helpful in addressing coding queries.



The moderators maintain a healthy environment by enforcing guidelines and rules.



The diverse range of topics covered caters to developers with various skill levels and interests.



The forum encourages knowledge sharing, fostering a culture of continuous learning.



❖ ADMIN LOGIN ERROR

cD Home Topics Categories ▾ Feedback About

Login

Register

Admin Login

Error ! you can't login



Login to Codies as Admin

Username



Password

Log in

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❖ ADMIN DASHBOARD PAGE

cD



Administrator Dashboard

User list

User Account : 6

[Go](#)

Category List

Categories : 5

[Go](#)

Feedback list

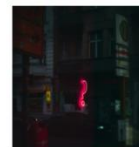
Feedback : 8

[Go](#)

Question/Answer List

Questions : 4

Answers : 3

[Go](#)

❖ USER LIST

cD



List of Users

10 entries per page

Search:

Sno	Username	Name	Email	Action
1	Babu111	Babu	Babu@gmail.com	Delete
2	yash12	Yash	yash12@gmail.com	Delete
3	Gaurav12	Gaurav	Gaurav@gmail.com	Delete
4	ankur12	Ankur	ankur12@gmail.com	Delete
5	akash12	Akash	akash12@gmail.com	Delete
6	samarth12	Samarth	samarth12@gmail.com	Delete

Showing 1 to 6 of 6 entries

« ‹ 1 › »

❖ CATEGORY LIST

cD



List of Categories

[Create category](#)

10 entries per page

Search:

Sno	Name	Description	Action
1	PHP	PHP is a general-purpose scripting language geared towards web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1993 and released in 1995. The PHP reference implementation is now produced by the PHP Group...	Edit Delete
2	HTML	HyperText Markup Language or HTML is the standard markup language for documents designed to be displayed in a web browser. It defines the content and structure of web content...	Edit Delete
3	Python	Python is a high-level, general-purpose programming language. Its design philosophy emphasizes code readability with the use of significant indentation. Python is dynamically typed and garbage-collected...	Edit Delete
4	JavaScript	JavaScript, often abbreviated as JS, is a programming language and core technology of the Web, alongside HTML and CSS. 99% of websites use JavaScript on the client side for webpage behavior. ..	Edit Delete
5	jQuery	jQuery is a JavaScript library designed to simplify HTML DOM tree traversal and manipulation, as well as event handling, CSS animations, and Ajax...	Edit Delete

Showing 1 to 5 of 5 entries

< < 1 > >

❖ FEEDBACK LIST

cD



List of Feedbacks

10 entries per page

Search:

Sno	Name	Email	Subject	Action
1	Ramesh	rameshggg@gmail.com	This is a good forum	Delete
2	maresh	maresh@gmail.com	Great platform	Delete
3	suresh	sureshggg@gmail.com	The community is very supportive and helpful in addressing coding queries.	Delete
4	Kask	kask@gmail.com	The moderators maintain a healthy environment by enforcing guidelines and rules.	Delete
5	yash223skd	yash223skd@gmail.com	The diverse range of topics covered caters to developers with various skill levels and interests.	Delete
6	umesh	umesh223skd@gmail.com	TThe forum encourages knowledge sharing, fostering a culture of continuous learning.	Delete
7	naven	naven223skd@gmail.com	The feedback provided on posts is often detailed and constructive, aiding in problem-solving.	Delete
8	jasmin	jasmin@gmail.com	Real time results	Delete

Showing 1 to 8 of 8 entries

< < 1 > >

❖ QUESTION / ANSWER LIST

cD



List of Question

10 entries per page

Search:

Sno	User Name	Category Name	Question	Action
1	Babu111	PHP	What is php	View Answer Delete
2	yash12	HTML	Are the HTML tags and elements the same thing?	View Answer Delete
3	Gaurav12	PHP	What are the uses of PHP?	View Answer Delete
4	samarth12	HTML	What is a marquee in HTML?	View Answer Delete

Showing 1 to 4 of 4 entries

« < 1 > »

❖ ANSWER LIST

cD



List of Answer

Rating (1-5)

Question -

What is php

can you explain me

Posted by: Babu111

10 entries per page

Search:

Sno	Username	Answer	Rating	Action
1	ankur12	PHP is the general-purpose programming language used to design a website or web application. It is server-side scripting language embedded with HTML to develop a Static website, Dynamic website or Web applications. It was created by Rasmus Lerdorf in 1994.	2	Edit Delete

Showing 1 to 1 of 1 entry

« < 1 > »

BIBLIOGRAPHY

- ❖ Learning JavaScript, Bootstrap, PHP & jQuery
- ❖ Official PHP Documentation. Retrieved from [<https://www.php.net/>]
- ❖ Official Bootstrap Documentation. Retrieved from [<https://getbootstrap.com/>]
- ❖ YouTube. Retrieved from [<https://www.youtube.com/>]
- ❖ Unsplash. Free High-Resolution Photos. Retrieved from [<https://unsplash.com/>]
- ❖ DataTables. Retrieved from [<https://datatables.net/>]