Community Problem-Solving Website - Project Report

Project Title

Digital Community Platform for Problem Identification and Solution Sharing

Problem Statement

Communities often face local challenges such as environmental issues, poor infrastructure, unemployment, or lack of basic services. However, there is no centralized platform where individuals can identify, discuss, and propose practical solutions collaboratively. This project addresses the absence of such a platform by developing a web application that empowers community engagement and idea sharing.

Project Objectives

- To provide a platform for identifying and posting local problems.

- To allow users to share ideas and propose real-world solutions.

- To build a collaborative digital space for community empowerment.

- To enhance digital literacy and engagement through a user-friendly web interface.

Target Users

- Local citizens (especially youth)

- Community leaders

- Development organizations

- Government bodies

Technology Stack Used

- HTML5 for page structure

- CSS3 for styling and animations

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- Bootstrap 5 for responsive layout

- JavaScript (optional) for client-side interactivity

- Google Forms/Database (future plan) for data collection

Pages Created (Total: 12 Pages)

1. index.html - Homepage with welcome and overview

2. about.html - About the platform and goals

3. problem.html - Highlights community challenges

4. solution.html - Suggested solutions and user ideas

5. prototype.html - Visual prototype or concept UI

6. form.html - User feedback or submission form

7. validation.html - Form validation demo

8. social.html - Social media links and engagement

9. demo.html - Project video or image demonstration

10. contact.html - Contact details and map (optional)

11. login.html - Login form with authentication UI

12. signup.html - Create account page

Design Features

- Fully responsive layout (desktop/mobile)

- Animated forms for login/signup

- Clean and modern UI using Bootstrap

- Navigation bar with links to all major sections

- Footer on every page for consistency

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CSS Highlights

- Custom styling for form elements

- CSS animations: fade-in and button pulse effects

- Light theme with a focus on readability and usability

Future Enhancements (Planned)

- Backend integration with a database (e.g. Firebase, MySQL)

- User authentication and dashboard

- Commenting and discussion feature

- Admin panel for managing posts

- Real-time problem voting or upvoting

Conclusion

This website project demonstrates how technology can support community development by offering a digital space for identifying problems and sharing solutions. With further development, it can become a powerful tool for local leaders, NGOs, and citizens to collaborate for a better future.