



Scheme Seeker: Empowering Access to Government Schemes

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ABSTRACT

Scheme Seeker is an innovative platform that aims to simplify access to central and Tamil Nadu state government schemes. By focusing on education, IT, science, and communication sectors, it helps individuals explore and apply for relevant programs. Scheme Seeker integrates user-friendly features for secure access and efficient scheme searches. Its user-centric design facilitates scheme exploration, eligibility checks, application procedures and provide valuable feedback. With Scheme Seeker, Users can easily navigate the platform to access detailed information about eligible schemes. Administrators ensure platform relevance by managing scheme updates and user accounts. Through technology and community engagement, the platform empowers individuals to make informed decisions and take advantage of government initiatives that can positively impact their lives. Scheme Seeker represents a significant step towards democratizing access to government schemes and promoting socio-economic development by creating an efficient ecosystem for scheme dissemination and utilization.

Keywords: *Scheme Seeker, government schemes, socio-economic development.*

1. INTRODUCTION

Scheme Seeker aims to revolutionize government scheme accessibility and utilization, drawing on insights from seminal works in the field of e-governance. Subhash Bhatnagar's comprehensive study, "e-government from vision to implementation" ^[1], provides a foundational understanding of the challenges and opportunities in implementing e-government initiatives. Additionally, Dye, Bata K.'s article ^[2], published in the esteemed Indian Journal of Public Administration, offers valuable perspectives on the future trajectory of e-governance in India. Furthermore, Diwedi, S.K., Bharti, A.K., et al. ^[3] delves into the nuanced issues surrounding the acceptability and efficacy of e-governance solutions, providing critical insights that inform Scheme Seeker's development and implementation strategy.

In India, accessing and understanding government schemes is often challenging for many people. Scheme Seeker addresses this issue by offering a user-friendly platform to explore and apply for government programs. In Scheme Seeker, Users can easily navigate the platform to access detailed information about eligible schemes, including benefits, eligibility criteria, application procedures, and required documentation. Administrators have the authority to add new schemes, modify existing ones, and ensure that scheme information remains up-to-date and accurate sending new scheme notification to users. Together, streamline the process of scheme discovery and management, fostering a more efficient and transparent ecosystem for both users and administrators alike

2. METHODOLOGY & WORKING MODEL

The research methodology employed for Scheme Seeker involved a multi-faceted approach aimed at comprehensively understanding user needs and challenges regarding government scheme utilization. To initiate the data collection process, surveys and direct interactions with potential users were conducted. Surveys were distributed using Google Forms, ensuring accessibility and ease of participation for respondents. Additionally, traditional printed questionnaires were utilized to engage individuals who might not have access to online platforms. The first phase of the research involved conducting a survey among people, addressing the following inquiries.

- Gender
- Age Group
- Awareness of Government Schemes?
- Through which medium do they get to know about the government schemes?
- Did they apply & availed benefits from the government schemes

- Mention the Scheme that you availed benefits from it
- Faced any challenges while applying for Schemes
- Accessibility of Information regarding the particular Scheme
- Online/Offline mode of applying Schemes

After gathering the data, I carefully sorted and analyzed it to make sense of the information collected. This process included organizing the responses, looking for common topics, and finding important points. By doing this, we were able to understand how people know about government schemes, how easy it is for them to access information, and whether they actually use these schemes.

The study findings revealed crucial insights from the gathered data. Many individuals expressed difficulty in accessing information regarding government schemes, indicating a significant challenge in information dissemination. Furthermore, a notable portion of participants faced issues understanding eligibility criteria and navigating application procedures. Additionally, there was a notable demand for features such as centralized scheme databases, user-friendly interfaces, and notification systems to enhance scheme accessibility and utilization.

These insights provided invaluable guidance for the development of Scheme Seeker. By addressing the identified challenges and integrating user-centric features, the platform aims to bridge the gap between individuals and government schemes, empowering users to make informed decisions and leverage available opportunities for socio-economic development.

2.1 MODULE DESCRIPTION

User Module:

Registration: Users can create an account by providing personal details such as name, age, gender, email, profession, income, social division, mobile number, password, and confirmation password.

Login: Registered users can log in to their accounts by entering their phone number and password.

Finding Eligible Scheme Information: Once logged in, users can explore various government schemes that are eligible for them based on the details provided during registration.

Central and State Schemes: Users can access information about both central and state government schemes, categorized into sectors like Education & Learning, Science, IT & Communications.

Feedback: Users have the option to provide feedback on the Scheme Seeker platform.

Admin Module:

Login: Admins can log in using their allotted username and password.

View Users List: Admins have access to view the list of registered users and their details.

Add New Schemes: Admins can add new government schemes to the platform by entering details about the scheme and its URL link and Send email notification to users.

Delete Scheme: Admins can remove outdated or irrelevant schemes using the scheme Name.

These modules facilitate the interaction between users and administrators, ensuring efficient management and utilization of government schemes through the Scheme Seeker platform.

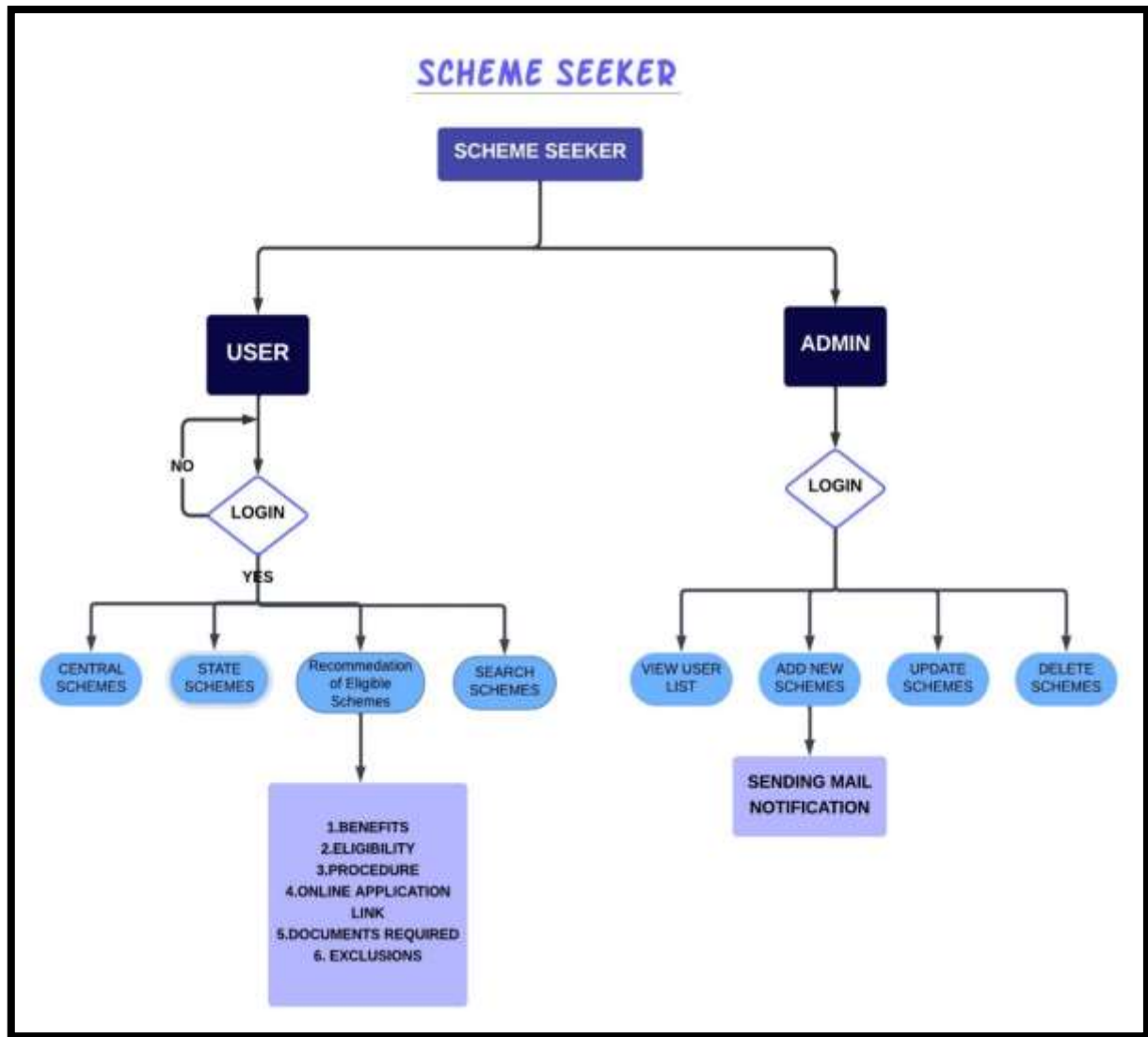


Fig. 2.1 - (a) flowchart.

3. IMPLEMENTATION

3.1 HARDWARE AND SOFTWARE REQUIREMENTS

For Scheme Seeker, ensuring smooth operation and user accessibility relies on meeting specific hardware and software requirements. In terms of hardware, a mid-range processor like the Intel Core i5 (minimum 2.0 GHz) is recommended to handle the application's demands effectively. Additionally, having at least 4GB of RAM ensures sufficient memory for efficient processing. On the software side, the chosen operating system is Windows, which provides a stable environment for development and deployment. Development tools include HTML, CSS, and JavaScript for the front-end, with Bootstrap ensuring a responsive user interface. For the back-end, PHP is used for server-side scripting, while MySQL manages the database. Apache XAMPP serves as the server framework, simplifying the setup of the web server for seamless operation.

3.2 RESULTS AND DISCUSSION

The Scheme Seeker platform offers a unique feature where eligible schemes are displayed based on user-provided details during registration. Users are greeted with a customized dashboard showcasing schemes relevant to their gender and profession status upon registration. Automating the scheme discovery process, manual searching and filtering are eliminated, enhancing user experience. Users can easily browse through displayed schemes, accessing comprehensive information on benefits, eligibility, application procedures, and required documentation.

Throughout the user's journey within the Scheme Seeker application, they have the flexibility to explore, interact, and make choices based on their preferences. This creates an engaging and efficient system for discovering and managing Schemes. Overall, this personalized scheme recommendation

feature represents a significant advancement in promoting scheme accessibility and utilization, empowering individuals to make informed decisions for socio-economic betterment

3.2 SCREENSHOTS



Fig 3.2.1 – (a) home screen

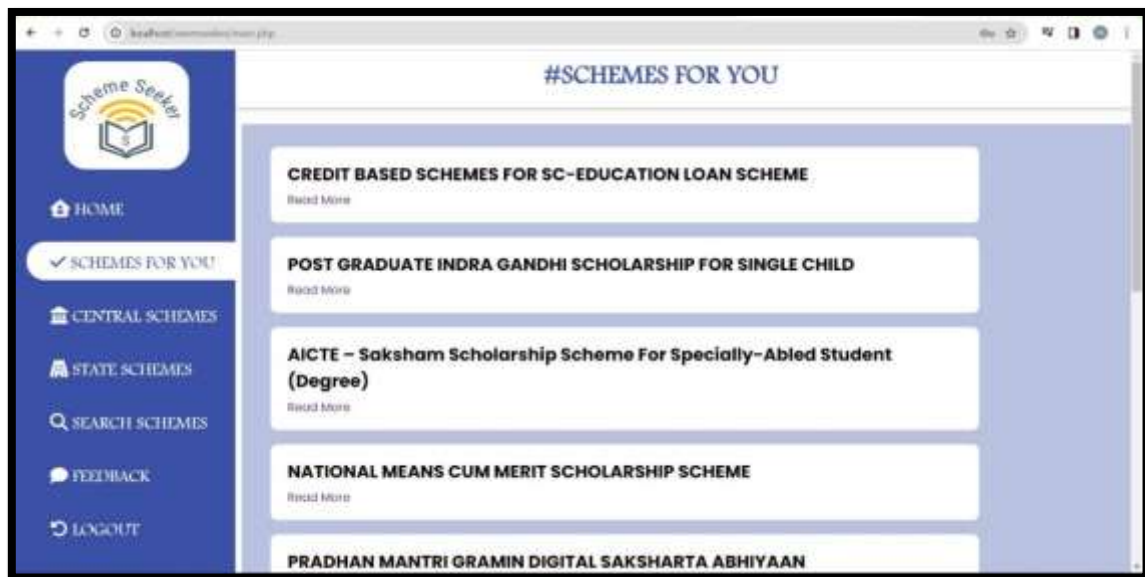


Fig 3.2.2 – (b) Schemes for you page

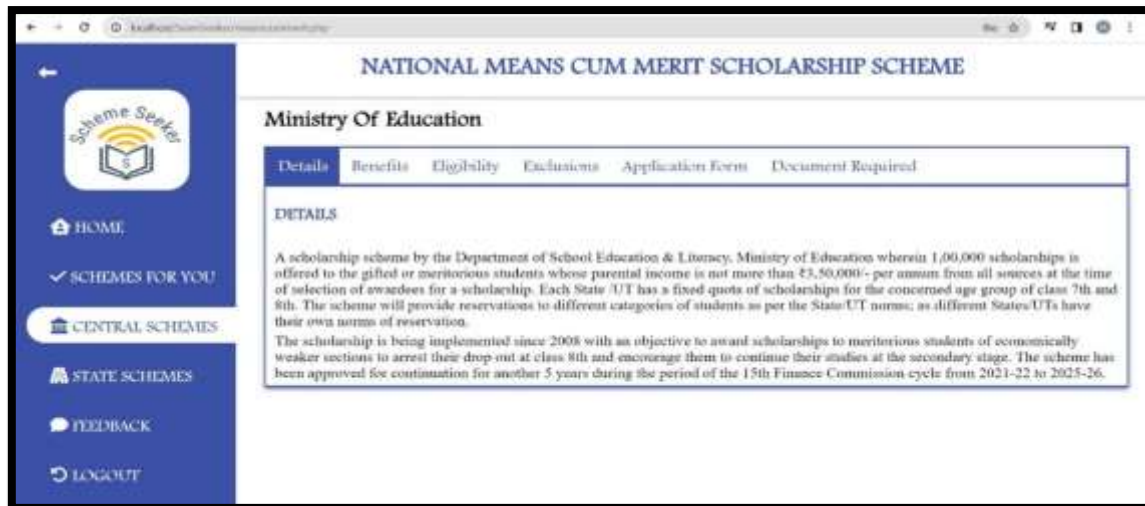


Fig 3.2.3 – (c) Scheme page

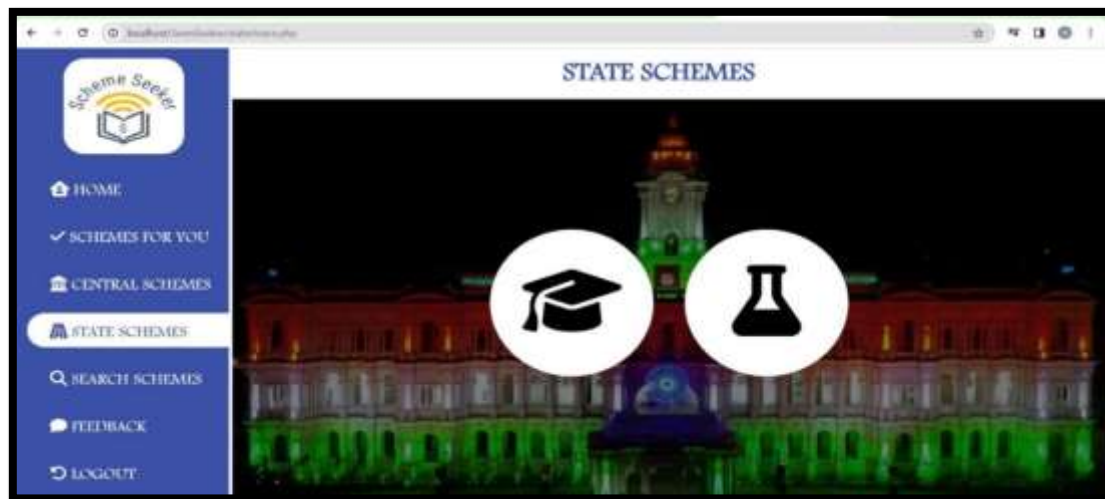
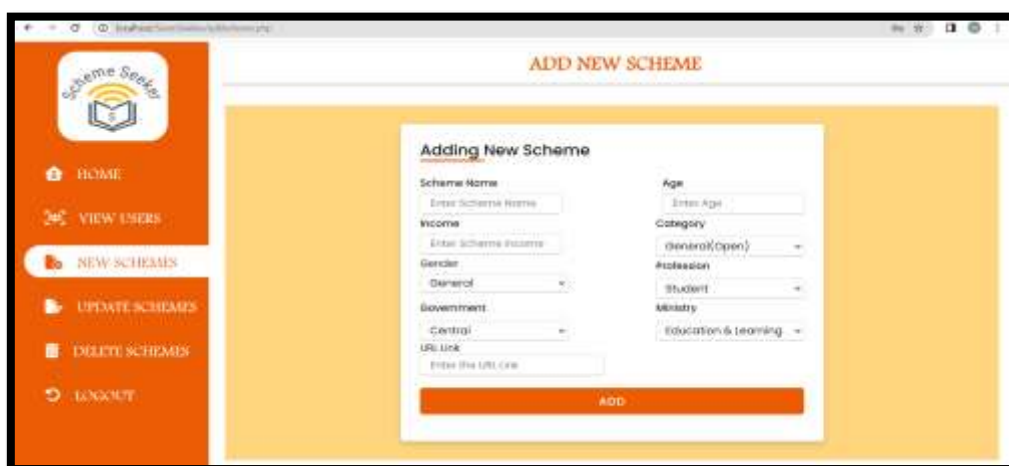


Fig 3.2.4 – (d) State page



4. CONCLUSION

Scheme Seeker is a user-friendly platform that helps people access government schemes easily. It provides personalized recommendations and detailed information about various schemes, empowering users to make informed choices. By bridging the gap between scheme information and users, Scheme

Seeker promotes socio-economic development. With continuous improvement and user feedback, Scheme Seeker remains committed to making government schemes accessible to all.

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