



Project Report by Team  
**AURORA**

*Integrated common services to common people.*

Submitted by

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# **ABSTRACT**

The project titled "Integrated Common Services to Common People" addresses the need for centralized access to essential services in Chennai through a user-friendly web platform. The core functionality includes a sign-in and registration system for users to access personalized features. The homepage features a dynamic interface with a side navigation bar and a Google search bar, facilitating seamless navigation.

Six main components: Pre-schools, Schools, Colleges, NEET/JEE coaching, Harmony hub, and Dance hub—are prominently displayed on the homepage. Each component offers a "Click here" feature that directs users to detailed listings of relevant services, including official websites, thereby streamlining access to information.

Additionally, the integration of Google Maps enhances the user experience by providing visual representations of service locations across Chennai. This feature aids users in locating and navigating to their desired service points efficiently.

The project employs HTML, CSS, and JavaScript to ensure responsiveness, interactivity, and aesthetic appeal. Through iterative development and rigorous testing, the team has created a prototype that not only meets functional requirements but also adheres to user-centered design principles.

In conclusion, "Integrated Common Services to Common People" exemplifies the effective application of modern web technologies to facilitate community engagement and access to essential services. The platform serves as a valuable resource for Chennai residents seeking convenient and centralized access to educational and recreational services.

# INTRODUCTION

Integration of digital services has been an important aspect in today's world to improve access and efficiency for the general population.

Our team, Aurora, is a part of the Intel® Unnati Industrial Training Program 2024. The problem statement assigned to our team is "Integrated Common Services to Common People".

We have taken up the principles of integrating HTML, CSS, MySQL, and PHP technologies to come up with a uniform platform that would simplify ease of access to these essential services. This report covers the functionality, features offered by our solution, overview of the technologies used, and impact of the project: how it meets its system users' different needs through a single, easy-to-use interface.

This means the project provides a singular platform bringing together these various services such that users are able to access important resources with much ease, thereby increasing convenience and inclusivity in service provision.

Our project represents a pivotal initiative aimed at enhancing accessibility and efficiency in public service delivery through web application for the common people.

# **FEATURES OFFERED IN OUR SOLUTION**

Our project, "Integrated Common Services to Common People," integrates the use of HTML, CSS, MySQL, and PHP to give an integrated platform with a number of vital features. It provides secure sign-up and sign-in for personalized service access. Further integration with over 1,000 institutions has made the system database.

The users can easily connect to it and receive numerous services across the board. It gives a detailed address of each institution, hence making it easy to find them, and even allows one to open an institution's website with a simple click. The research used Google Search to improve the efficiency in information retrieval.

Furthermore, with Google Maps, users can get directions to their destination institutions. In this respect, the features have improved accessibility, convenience, and satisfaction by putting necessary services in one interface with ease of use.

Our project's offers the following key features:

- Sign Up/Sign In:** Users can securely create accounts and sign in to access personalized services.
- Connection/Attachment of 1000+ Institutions:** Integration with over 1000 institutions allows seamless access to a wide range of services.
- Location and Website Link Information:** Users can find detailed location information and website links for institutions, enhancing accessibility.
- Google Search Integration:** Utilizes Google Search API to provide users with efficient and accurate search results.
- Directions Using Google Maps:** Enables users to get directions to institutions using Google Maps, ensuring ease of navigation.
- These features collectively aim to streamline access to essential services, promote convenience, and enhance user experience through a unified and user-friendly interface

# **FRONT END LANGUAGES USED:**

## **1. HTML:**

HTML (HyperText Markup Language) is a markup language used to structure and organize the content on a web page.

In our project the HTML language is used to create the front page, login and for connecting the data base.

## **2. CSS:**

CSS (Cascading Style Sheets) describes how HTML elements are to be displayed on screen, paper, or in other media

In our project the css program is used to describe the HTML elements that are to be displayed

# **BACK END LANGUAGES USED:**

## **1. JAVA SCRIPT:**

JavaScript is a versatile programming language commonly used for creating interactive and dynamic elements on web pages. It enables functionality such as form validation, content updates, and interactive user interfaces.

We have utilized this for the making of search bars, sign navigation and log in within our project.

## **2. PHP:**

"PHP: Hypertext Preprocessor"

PHP files can contain text, HTML, CSS, JavaScript, and PHP code.

PHP code is executed on the server, and the result is returned to the browser as plain HTML

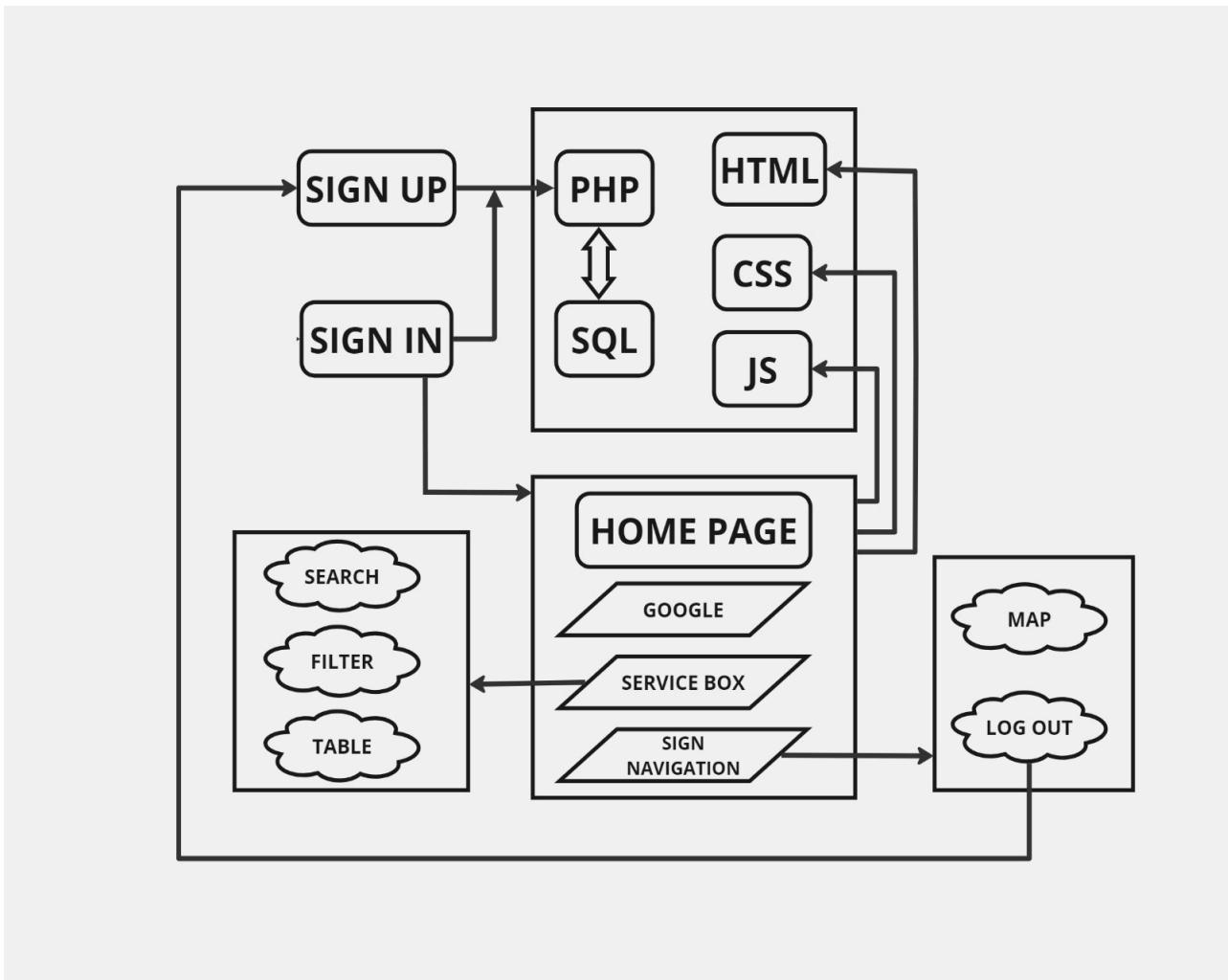
Our project is made using the above programming languages. The front page is designed using HTML,CSS and Javascript. The login, sign-up, and to connect database HTML and PHP is used.

## **Software used –XAMPP:**

XAMPP:

- XAMPP is simply a local host or server.
- This local server runs on your personal computer, whether it's a desktop or a laptop.
- It is used to test clients or websites before publishing them to a remote web server.
- On a local computer, the XAMPP server software provides a suitable environment for testing MYSQL, PHP, Apache, and Perl projects. Because most real-world web server deployments share the same components as XAMPP, moving from a local test server to a live server is straightforward.

# ARCHITECTURE DIAGRAM



# PROCESS FLOW:

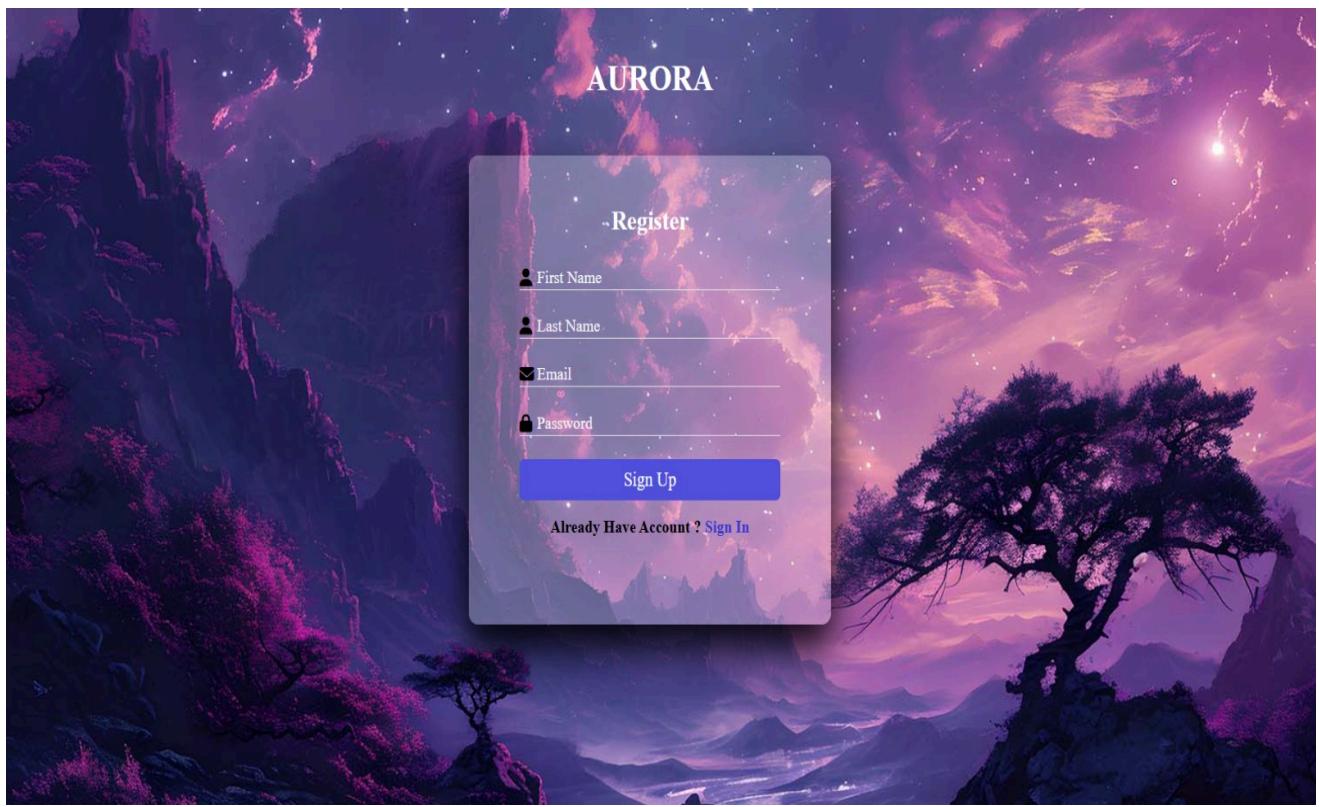


Figure 1.0

The figure 1.0 shows the sign up page for using the app. By filling the required details the particulars can sign up for the app and get access to the information that are provided by the app.

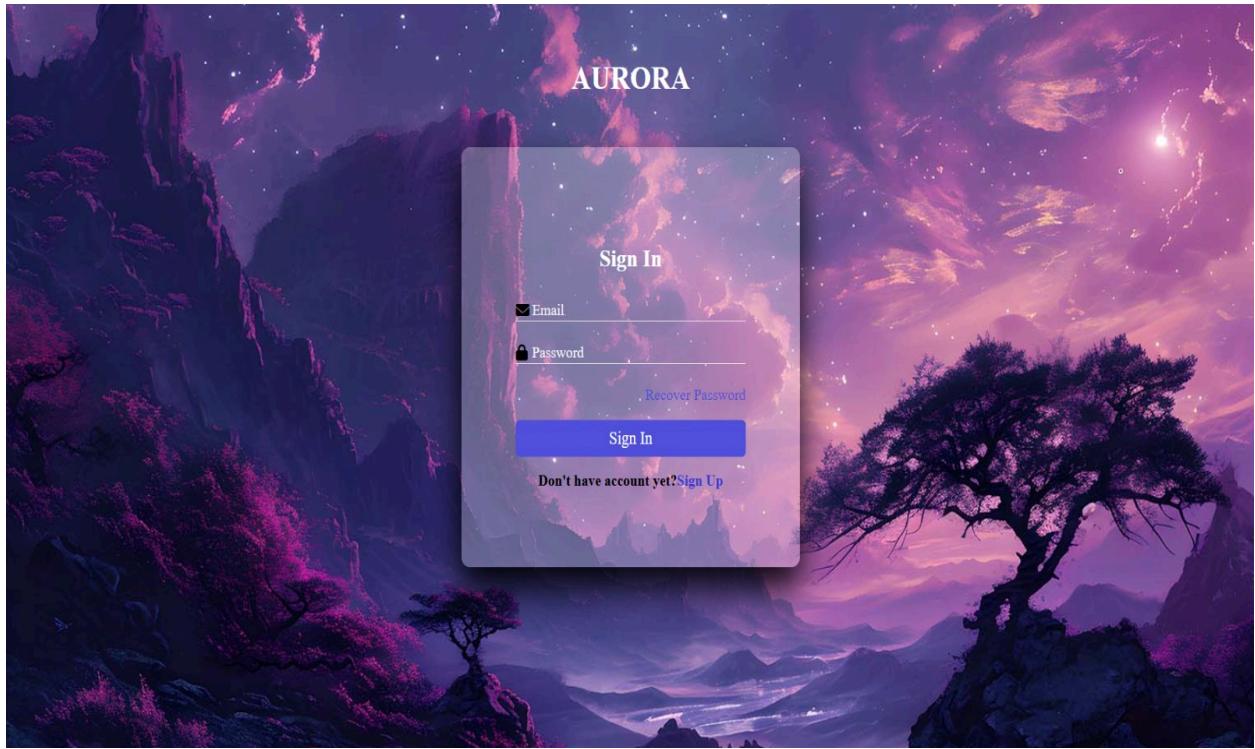


Figure 1.1

After done with the sign up process next comes the sign in process. The figure 1.1 is the sign in page for the app. By entering the required details the sign in process will be done and you'll get access to the information provided by the app.

# AURORA

≡ Open

Search

### Our Services

<div style="text-align: center; background-color: #fff; padding: 10px;"> <p><b>PRESCHOOLS</b></p> <p><a href="#" style="background-color: #58357E; color: white; padding: 5px 10px; text-decoration: none; font-weight: bold;">Click here</a></p> <p>Find the Perfect Preschool:One click to all the best choices for your Child's future!</p> </div>	<div style="text-align: center; background-color: #fff; padding: 10px;"> <p><b>SCHOOLS</b></p> <p><a href="#" style="background-color: #58357E; color: white; padding: 5px 10px; text-decoration: none; font-weight: bold;">Click here</a></p> <p>Discover the Ideal school:One click to connect with top schools for your child's success!</p> </div>	<div style="text-align: center; background-color: #fff; padding: 10px;"> <p><b>COLLEGES</b></p> <p><a href="#" style="background-color: #58357E; color: white; padding: 5px 10px; text-decoration: none; font-weight: bold;">Click here</a></p> <p>Explore your future :one click to connect with leading colleges for your Academic and career goals!</p> </div>
<div style="text-align: center; background-color: #fff; padding: 10px;"> <p><b>NEET/JEE COACHING</b></p> <p><a href="#" style="background-color: #58357E; color: white; padding: 5px 10px; text-decoration: none; font-weight: bold;">Click here</a></p> <p>Achieve Your Dreams:one click to find the best NEET and JEE coaching centers for ultimate success!</p> </div>	<div style="text-align: center; background-color: #fff; padding: 10px;"> <p><b>HARMONY HUB</b></p> <p><a href="#" style="background-color: #58357E; color: white; padding: 5px 10px; text-decoration: none; font-weight: bold;">Click here</a></p> <p>Unleash Your Talent:one click to discover premier music and instrument class near you!</p> </div>	<div style="text-align: center; background-color: #fff; padding: 10px;"> <p><b>DANCE HUB</b></p> <p><a href="#" style="background-color: #58357E; color: white; padding: 5px 10px; text-decoration: none; font-weight: bold;">Click here</a></p> <p>Step into the rhythm:one click explore exciting dance classes for every beat!</p> </div>

Figure 1.2

The figure 1.2 shows the home page of the app. It contains the details of preschools,schools,colleges,JEE/NEET coaching centers,music and dance hubs. It is also provided by google tab for easier access for information if needed.

≡ open

Search for college names..

## LIST OF COLLEGES IN CHENNAI

<a href="#">IIT Madras-Indian Institute of Technology</a>	Adyar, Chennai
<a href="#">SRM Institute of Science and Technology</a>	Kattankulathur, Chennai
<a href="#">Anna University</a>	Guindy, Chennai
<a href="#">Sathyabama Institute of Science and Technology</a>	Jeppiar Nagar, Chennai
<a href="#">Rajalakshmi Engineering College</a>	Thandalam, Chennai
<a href="#">SRM Institute of Science and Technology</a>	Ramapuram, Chennai
<a href="#">St.Joseph University</a>	Palanchar, Chennai
<a href="#">SSN College of Engineering</a>	Old Mahabalipuram Road, Chennai
<a href="#">Saveetha Institute of Medical and Technical Sciences</a>	Poonamallee, Chennai
<a href="#">Dr.M.G.R.Educational and Research Institute</a>	Maduravoyal, Chennai
<a href="#">University of Madras</a>	Chepauk, Chennai

<a href="#">Sri Kanyaika Parameshwari Arts and Science College for Women</a>	Chennai
<a href="#">Remo International College</a>	Chennai
<a href="#">Loyala -ICAM College of Engineering and Technology</a>	Nungambakkam, Chennai
<a href="#">Apollo Institute of Hospital Management and Allied Science</a>	Ayanambakkam, Chennai
<a href="#">Arena Animation College</a>	Vadapalani, Chennai
<a href="#">MCC-Madras Christian College</a>	Chennai
<a href="#">Chettinad College of Nursing</a>	Kelambakkam, Chennai
<a href="#">Ethiraj College for Women</a>	Egmore, Chennai
<a href="#">VIT Business School</a>	Vandalur Kelambakkam, Chennai
<a href="#">Global School of Aviation</a>	Alandur, Chennai
<a href="#">Velammal Engineering College</a>	Chennai
<a href="#">Madras Veterinary College</a>	Chennai

[NEXT PAGE](#)

Figure 1.3

From the figure 1.2 we can get the information by clicking the link tab and get the output as shown in the figure 1.3. The whole list of colleges in Chennai can be seen. The college names can also be sorted by first letters by searching in the search tab.

The screenshot shows a mobile application interface. On the left is a dark vertical sidebar with white text containing the following options: Home, Get direction, Matric, CBSE, ICSE, Preschool, NEET/JEE, Colleges, Harmony hub, Dance hub, and Logout. To the right of the sidebar is a light purple main area. At the top center, it says "CBSE SCHOOLS". Below that is a search bar with the placeholder "Search for school names..". Underneath the search bar is a table with two columns: "CBSE school" and "Place". The table lists ten schools with their corresponding locations:

CBSE school	Place
<a href="#">NSN Memorial school</a>	Chitlapakkam
<a href="#">Olive public school</a>	Chitlapakkam
<a href="#">shiksha public cbse school</a>	Chrompet
<a href="#">vels vidyashram cbse school</a>	Pallavaram
<a href="#">boaz public school</a>	Gowrivakkam
<a href="#">mahalakshmi vidya mandir senior secondary school</a>	Pammal
<a href="#">pon vidyashram group of senior secondary schools</a>	Kolapakkam
<a href="#">sri krish international school</a>	Kundrathur
<a href="#">BVM global perungudi</a>	Perungudi
<a href="#">vedanta academy cbse school</a>	Vanagaram

Figure 1.4

From the figure 1.3 the side navigation bar option shows the following options as in the figure 1.4

The screenshot shows a mobile application interface. On the left is a dark vertical sidebar with white text containing the same set of options as Figure 1.4: Home, Get direction, Matric, CBSE, ICSE, Preschool, NEET/JEE, Colleges, Harmony hub, Dance hub, and Logout. To the right of the sidebar is a light purple main area. In the center, the text "Get direction" is displayed in bold. Below it is a form with a text input field containing "Enter your starting address:" and a "Get directions" button.

Figure 1.5

As shown in figure 1.5 by entering the place we can get the directions for the destination. This page will direct the user to google map.

# **TEAM MEMBERS CONTRIBUTIONS:**

The successful development of our web application has been significantly driven by the collaborative efforts of our five-member team, each contributing specialized skills to different aspects of the project.

## **Front-End Development:**

Aarthy G and Nandhini M focused on front-end development, bringing the user interface to life. They utilized modern frameworks CSS for responsive design and integrating the data, ensuring the application is visually appealing and user-friendly across devices.

## **Data Collection:**

Sowmya K and Kanishka V concentrated on data collection, identifying and integrating relevant data sources to support the application's functionality. They collected information of institute name ,location and their website url for the colleges,schools,neet/jee coaching institutes,music class,dance class located in chennai.

## **Database and Login Integration:**

Sadhana M focused on the login system with sign in /sign up and database integration, establishing secure user authentication processes.

Together, this collaborative effort has resulted in a well-rounded web application, with each member's contributions playing a vital role in its development and success.

# VIDEO

- [Aurora web app - Google Drive](#)

# **CONCLUSION:**

In conclusion, our project on problem statement "Integrated Common Services to Common People," successfully addresses the need for centralized access to education services in Chennai through an integrated, user-friendly web platform. Utilizing HTML, CSS, MySQL, and PHP technologies, we have created a comprehensive solution that brings together a variety of educational institutes, making them easily accessible to the user through web app.

The platform's robust features, including secure sign-up and sign-in, integration with over 500 institutions, detailed location and website information, Google Search integration, and Google Maps directions, ensure that users can effortlessly navigate and utilize the services they need. This centralized approach not only enhances convenience and accessibility but also promotes inclusivity, allowing all users to benefit from the available resources.

# References

[W3Schools Online Web Tutorials](#)

[Stack Overflow - Where Developers Learn, Share, & Build Careers](#)

**THANKING YOU!**