

Task	Description	Assigned to	Approximate Hours	Hours spent by <u>Bhanu</u>	Hours spent by <u>Charan</u>	Hours spent by Niveditha
Overall Project Coordination	Oversee the entire project, coordinate communication between team members, and ensure project milestones are met.	Every team member	20 hrs	4	4	4
LoginPage	<p>"login.html" code creates a user-friendly <small>with email/password</small></p> <p>Bootstrap login page fields, 'Forgot Password' op@on, user details display, app installa@on, site visit tracking, Firebase authen@ca@on, and offline capability via a service worker.</p>	Every <small>member</small> team	20 hrs	-	1	18
Signup Page	The "signup.html" code creates a straightforward Bootstrap signup page. Users can register with ease using their email and password, with added fields for first and last names. The page seamlessly integrates with Firebase Authentication and Firestore, ensuring secure user data storage. Enhanced user feedback, error handling, and password reset options contribute to	Every team member	10 hrs	1	2	7

	a user-centric signup experience.					
Index Page	<p>The "index.html" code serves as the application's central hub, providing users with a personalized dashboard. Utilizing Firebase Authentication, it dynamically adapts content based on the user, ensuring a tailored experience. The inclusion of a service worker enables offline access, while Firebase Analytics tracks site visits and user interactions. Firebase App installation enhances user engagement by facilitating a smooth transition from web to app.</p>	Every team member	20 hrs	10	5	3
Guest Page	<p>The "guest.html" code offers a welcoming and informative introduction to the application. Styled with Bootstrap, the page caters to diverse audiences. Firebase Analytics tracks visitor behavior, providing insights. While encouraging exploration, a clear call-to-action prompts users to sign up for a personalized</p>	Bhanu	9 hrs	3	3	3

	experience. The page is designed to be responsive across devices for a consistent browsing experience.					
Js Files	<p>script.js</p> <p>The "script.js" file orchestrates dynamic behavior across various pages. Leveraging JavaScript, it enhances user interactions, validates form inputs, and seamlessly integrates with Firebase for authentication and data manipulation. The code ensures a responsive and engaging user experience, with features such as error handling, redirects, and asynchronous operations.</p> <p>firebase-config.js</p> <p>In "firebase-config.js," Firebase configuration is centralized for easy maintenance. Importing necessary Firebase modules, it initializes the app, Firestore, and authentication. The export of instances facilitates streamlined</p>	Bhanu	8 hrs	8	-	-

	<p>integration across other scripts. This Jile ensures a consistent and secure connection to Firebase services.</p> <p>Jirebase-auth.js The "Jirebase-auth.js" Jile specializes in user authentication. It imports Firebase modules, including authentication, and deJines functions for user registration and login. Leveraging Firestore, it securely stores user data. The Jile incorporates error handling to provide meaningful feedback to users during the authentication process.</p> <p>guest-script.js The "guest-script.js" Jile tailors the guest page's behavior. Written in JavaScript, it controls interactions on the guest page, prompting users to explore the application. Firebase Analytics integration tracks user engagement, providing valuable insights into guest behavior. The script emphasizes a</p>					
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	seamless and inviting experience for visitors.					
Css Files	<p>style.css</p> <p>The "style.css" file defines the application's visual aesthetic. Utilizing CSS, it styles HTML elements for consistency and responsiveness across devices. The file is structured with Bootstrap to ensure a modern and user-friendly design. Customizations cater to a diverse audience, enhancing the overall visual appeal of the application.</p>	Bhanu	8 hrs	8	-	-
DataBase Establishment	<p>The establishment of the database is streamlined in the application, ensuring efficient data storage and retrieval. Leveraging Firebase Firestore, the database setup follows a user-centric model. Collections and documents are organized to accommodate user details, providing a scalable and easily navigable structure. Firestore's real-time capabilities enhance data synchronization across users and devices, contributing to a seamless and</p>	Every team member	15 hrs	10	7	2

	responsive user experience.					
FireBase Approach	The application adopts a Firebase-centric approach, harnessing the power of Firebase services to streamline development and enhance user engagement. Firebase serves as the backbone for authentication, database management, analytics, and hosting. The modular integration of Firebase SDKs ensures a robust and cohesive development environment. The approach prioritizes efficiency, scalability, and real-time capabilities, aligning with Firebase's core strengths.	Bhanu	10 hrs	10	-	-
Authentication	User authentication is a cornerstone of the application's security and personalization strategy. Leveraging Firebase Authentication, the system ensures secure user sign-up and login processes. Email and password-based authentication is complemented by	Bhanu	9 hrs	9	-	-

	additional features such as password reset and email verification. This approach not only enhances security but also contributes to a seamless and user-friendly authentication experience.					
Online Resources	The application optimally utilizes online resources, incorporating external libraries and frameworks for enhanced functionality and styling. Bootstrap, a popular CSS framework, contributes to a consistent and visually appealing design. Additionally, the application leverages online Firebase resources, including SDKs and documentation, to stay updated with the latest features and best practices. This approach ensures a modern, feature-rich, and well-supported application.	Every team member	10 hrs	2	2	6
Documentation	Comprehensive documentation plays a pivotal role in the development lifecycle. The application is well-documented,	Every team member	5 hrs	2	2	2

	<p>providing a clear understanding of Firebase configuration, authentication procedures, database structure, and overall codebase. The documentation serves as a valuable resource for developers, enabling efficient collaboration, troubleshooting, and onboarding. It encompasses both high-level architectural overviews and detailed code explanations, fostering a maintainable and scalable development environment.</p>					
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